Northern Railway

GENERAL MANAGER'S

ANNUAL NARRATIVE REPORT

महाप्रबंधक की

वार्षिक वर्णनात्मक रिपोर्ट

2024 - 25



राजेश कुमार पाण्डेय
RAJESH KUMAR PANDEY

सत्यमेव जयते

महाप्रबंधक
GENERAL MANAGER
उत्तर रेलवे
NORTHERN RAILWAY



सं. – 9-ST/GM' ANR/2024-25 Dated : 31.07.2026

सचिव/ The Secretary,
रेल मंत्रालय/ Railway Board,
रेल भवन/ Rail Bhawan,
नई दिल्ली/ New Delhi.

विषयः वर्ष **2024-25** की महाप्रबंधक की वार्षिक वर्णनात्मक रिपोर्ट।

Sub: General Manager's Annual Narrative Report 2024-25.

वित्तीय वर्ष में उत्तर रेलवे द्वारा किए गए कार्यों की वार्षिक वर्णनात्मक रिपोर्ट में इसके साथ अग्रेषित करता हूँ।

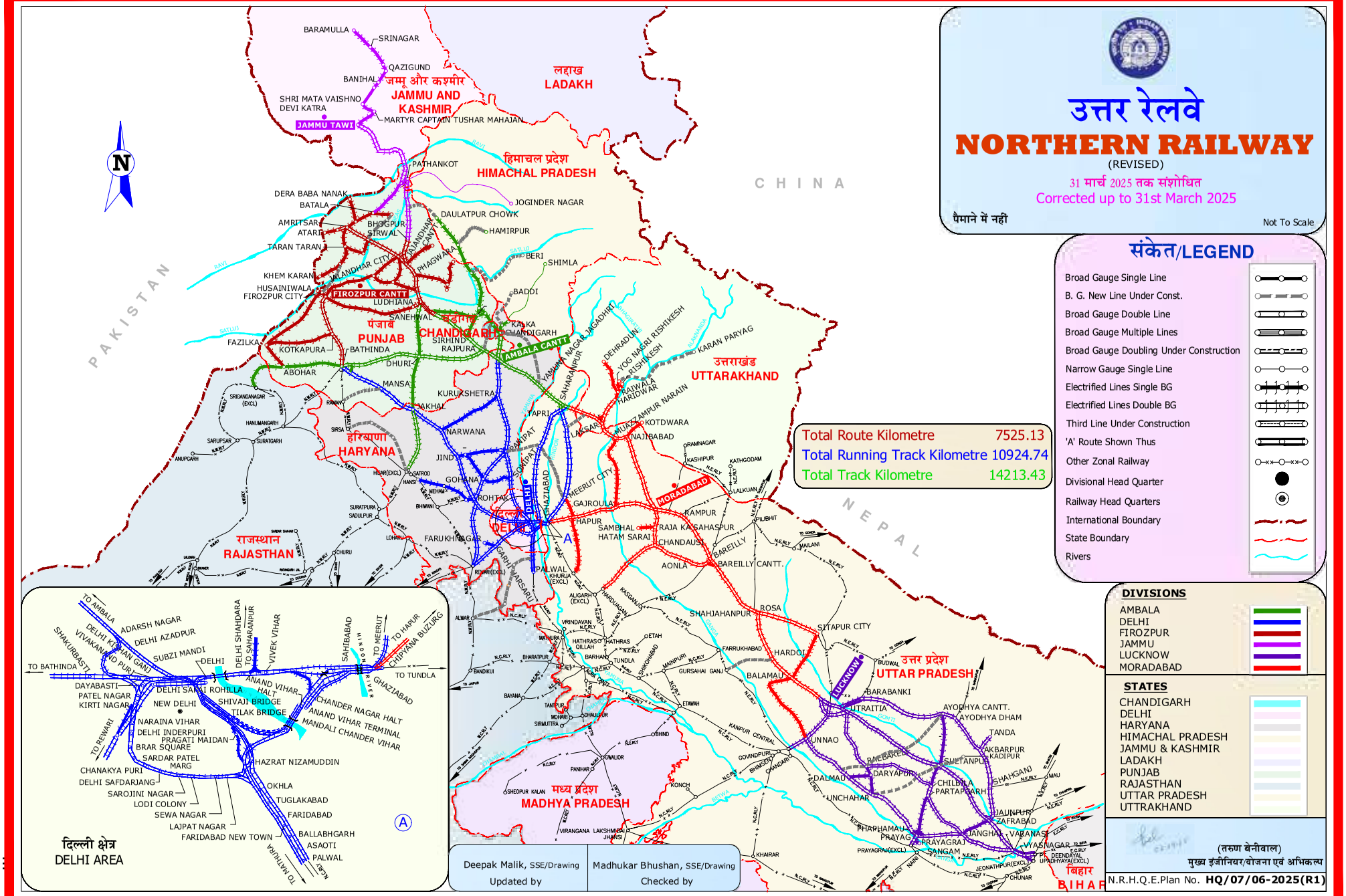
I forward herewith the Annual Narrative Report on the working of Northern Railway for the financial year 2024-25.

राजेश पाण्डेय

(राजेश कुमार पाण्डेय)
(Rajesh Kumar Pandey)

संलग्नः यथोक्त।
Encl.: As above

Northern Railway Headquarters Office, Baroda House, New Delhi-110001
Off.: 011-23387227, 011-23384548 | Fax: 011-23384503 | Email: gm@nr.railnet.gov.in


उत्तर रेलवे
NORTHERN RAILWAY
(REVISED)
31 मार्च 2025 तक संशोधित
Corrected up to 31st March 2025
पैमाने में नहीं
Not To Scale
संकेत/LEGEND
Broad Gauge Single Line
B. G. New Line Under Const.
Broad Gauge Double Line
Broad Gauge Multiple Lines
Broad Gauge Doubling Under Construction
Narrow Gauge Single Line
Electrified Lines Single BG
Electrified Lines Double BG
Third Line Under Construction
'A' Route Shown Thus
Other Zonal Railway
Divisional Head Quarter
Railway Head Quarters
International Boundary
State Boundary
Rivers
Total Route Kilometre 7525.13
Total Running Track Kilometre 10924.74
Total Track Kilometre 14213.43
DIVISIONS
AMBALA
DELHI
FIROZPUR
JAMMU
LUCKNOW
MORADABAD
STATES
CHANDIGARH
DELHI
HARYANA
HIMACHAL PRADESH
JAMMU & KASHMIR
LADAKH
PUNJAB
RAJASTHAN
UTTAR PRADESH
UTTRAKHAND
दिल्ली क्षेत्र
DELHI AREA
Deepak Malik, SSE/Drawing
Updated by
Madhukar Bhushan, SSE/Drawing
Checked by
(तरुण बेनीवाल)
मुख्य इंजीनियर/योजना एवं अभिकल्प
N.R.H.Q.E.Plan No. HQ/07/06-2025(R1)
PAKISTAN
CHINA
NEPAL
BIHAR
लद्दाख
LADAKH
जम्मू और कश्मीर
JAMMU AND KASHMIR
हिमाचल प्रदेश
HIMACHAL PRADESH
उत्तराखंड
UTTARAKHAND
पंजाब
PUNJAB
चंडीगढ़
CHANDIGARH
हरियाणा
HARYANA
राजस्थान
RAJASTHAN
दिल्ली
DELHI
उत्तर प्रदेश
UTTAR PRADESH
मध्य प्रदेश
MADHYA PRADESH
BARAMULLA
SRINAGAR
QAZIGUND
BANIHAL
SHRI MATA VAISHNO DEVI KATRA
JAMMU TAWI
MARTYR CAPTAIN TUSHAR MAHAJAN
PATHANKOT
DERA BABA NANAK
BATALA
AMRITSAR
ATARI
TARAN TARAN
KHEM KARAN
HUSAINIWALA
FIROZPUR CITY
FAZILKA
ABOHAR
KOTKAPURA
FIROZPUR CANTT
LUDHIANA
JALANDHAR CITY
JALANDHAR CANTT
PHAGWARA
BHOGPUR
SIRWAL
DAULATPUR CHOWK
HAMIRPUR
JOGINDER NAGAR
BERI
SHIMLA
BADDI
KALKA
CHANDIGARH
AMBALA CANTT
SANEHWAL
BATHINDA
SIRHIND
RAJPURA
DHURI
MANSA
KURUKSHETRA
JAKHAL
NARWANA
JIND
TAPRI
SAHARANPUR
YAMUNA NAGAR JAGADHRI
DEHRADUN
YOG NAGRI RISHIKESH
RISHIKESH
KARAN PARYAG
RAIWALA
HARIDWAR
MUZAFFARNAGAR
KOTDWARA
NAJIBABAD
RAMNAGAR
KASHIPUR
KATHGODAM
LALKUAN
MORADABAD
RAMPUR
PILIBHIT
MAILANI
BAREILLY
BAREILLY CANTT.
AONLA
CHANDAUSI
RAJA KA SAHASPUR
SAMBHAL
HATAM SARAI
HAPUR
GAJROULA
MEERUT CITY
GHAZIABAD
SONIPAT
PANIPAT
ROHTAK
GOHANA
HISAR(EXCL)
HANSI
SATROD
BHIWANI
MEHAM
SIRSA
RANIA
SURATGARH
HANUMANGARH
SRIGANGANAGAR (EXCL)
SARUPSAR
ANUPGARH
SURATPURA
SADULPUR
LOHARU
CHURU
FARUKHNAGAR
REWARI(EXCL)
GURGAON
PALWAL
KHURJA (EXCL)
ALIGARH (EXCL)
HARDUAGANJ
KASGANJ
ALWAR
VRINDAVAN
MATHURA
HATHRAS
HATHRAS QILLAH
ETAH
BARHAN
TUNDLA
SHIKOHABAD
MAINPURI
FARRUKHABAD
SHAHJAHANPUR
ROSA
SITAPUR CITY
HARDOI
BALAMAU
GURSAHAI GANJU
BARABANKI
LUCKNOW
UTRAITIA
BUDWAL
AYODHYA CANTT.
AYODHYA DHAM
TANDA
AKBARPUR KADIPUR
SULTANPUR
RAEBARELI
DARYAPUR
DALMAU
CHILBILA
PARTAPGARH
SHAHGANJ
UNCHAHAR
JAUNPUR
ZAFRABAD
VARANASI
VYASNAGAR
PT. DEENDAYAL UPADHYAYA(EXCL)
BHAPHAMAU
PRAYAG
PRAYAGRAJ
PRAYAGRAJ(EXCL)
SANGAM
JANGHAI
JEONATHPUR(EXCL)
CHUNAR
BANDIKUI
BAYANA
TANTPUR
MOHARI
DHAULPUR
SIRMUTTRA
BHIND
GWALIOR
PANHARO
SHEOPUR KALAN
VIRANGANA LAKSHMIBAI JHANSI
KONCH
KANPUR CENTRAL
UNNAO
GOVINDPURI
BHIMSEN
CHANDARI
KHAIRAR
TO AMBALA
ADARSH NAGAR
DELHI AZADPUR
DELHI KISHAN GANJ
VIVAKANAND PURI
SHAKURBASTI
TO BATHINDA
SUBZI MANDI
DELHI
DELHI SHAHDARA
TO SAHARANPUR
VIVEK VIHAR
SAHIBABAD
TO MEERUT
TO HAPUR
CHIPYANA BUZURG
TO TUNDLA
GHAZIABAD
DAYABASTI
PATEL NAGAR
KIRTI NAGAR
NEW DELHI
DELHI SARAI ROHILLA
ANAND VIHAR HALT
SHIVAJI BRIDGE
TILAK BRIDGE
CHANDER NAGAR HALT
ANAND VIHAR TERMINAL
MANDALI CHANDER VIHAR
NARAINA VIHAR
DELHI INDERPURI
PRAGATI MAIDAN
BRAR SQUARE
SARDAR PATEL MARG
HAZRAT NIZAMUDDIN
CHANAKYA PURI
DELHI SAFDARJANG
SAROJINI NAGAR
LODI COLONY
SEWA NAGAR
LAJPAT NAGAR
OKHLA
TUGLAKABAD
FARIDABAD
FARIDABAD NEW TOWN
BALLABHGARH
ASAOTI
PALWAL
TO MATHURA
TO REWARI
YAMUNA RIVER
A

उत्तर रेलवे
मुख्य विशेषताएं

मार्ग किलोमीटर	बड़ी लाइन (1676 एम एम) 7216.25 छोटी लाइन (762 एम एम) 260.85 कुल 7477.10
विद्युतिकृत मार्ग किलोमीटर	7148-10 कि.मी.
रेलपथ किलोमीटर दूरी	बड़ी लाइन (1676 एम एम) 10615-85 **छोटी लाइन (762 एम एम) 260-85** **कुल 10876-70**
सेवित राज्य एवं केंद्र शासित प्रदेश	**07/03** (हिमाचल प्रदेश, पंजाब, हरियाणा, दिल्ली, उत्तर प्रदेश, राजस्थान और उत्तराखंड एवं केंद्र शासित प्रदेश चंडीगढ़, जम्मू एवं कश्मीर और लद्दाख)
मंडलों की संख्या	6 (दिल्ली, फिरोजपुर, लखनऊ, मुरादाबाद, अंबाला एवं जम्मू)
स्टेशन की संख्या	796
यांत्रिक कारखाने	5 (जगाधरी, आलमबाग, चारबाग, कालका एवं अमृतसर)
डीजल लोको शेड	4 बड़ी लाइन (तुगलकाबाद, लुधियाना, आलमबाग एवं शकूरबस्ती)
	2 छोटी लाइन (कालका एवं पठानकोट)
विधुत लोको शेड	2 (गाजियाबाद एवं लुधियाना)
कर्मचारियों की संख्या	137857
राजपत्रित अधिकारियों की संख्या	1721
इंजनो की संख्या	विद्युत– 1193
	डीजल– 862
सवारी डिब्बों की संख्या	11021
2024-25 में वैगन होल्डिंग	282923
2024-25 में प्रारंभिक यात्रियों की संख्या	44.37 करोड़
2024-25 में राजस्व लदान	55.67 मीट्रिक टन
2024-25 में सकल आय	₹ 22145.63 करोड़
2024-25 में सामान्य कार्यगत खर्चे	₹ 30090.49 करोड़
संचालन अनुपात	135.66%

NORTHERN RAILWAY
SALIENT FEATURES

ROUTE KMs	BROAD GAUGE (1676 MM) 7216.25 NARROW GAUGE (762 MM) 260.85 **Total 7477.10**
ELECTRIFIED ROUTE KMs	7148.10 Kms
RUNNING TRACK KMS	BROAD GAUGE (1676MM) 10615.85 NARROW GAUGE 762 MM) 260.85 **Total 10876.70**
STATES/UNION TERRITORIES COVERED	**07/03** (Himachal Pradesh, Punjab, Haryana, Delhi, Uttar Pradesh, Rajasthan, Uttarakhand & U.T. of Chandigarh, J&K and Ladhakh)
NO. OF DIVISIONS	6 (DLI, FZR, LKO, MB, UMB & JAT)
NO. OF STATIONS	796
MECHANICAL WORKSHOPS	5 (Jagadhari, Alambagh, Charbagh, Kalka and Amritsar)
DIESEL LOCOSHEDS	4 BG (Tughlakabad, Ludhiana, Alambagh and Shakurbasti)
	2 NG (Kalka and Pathankot)
ELECTRIC LOCOSHEDS	2 (Ghaziabad, Ludhiana)
NO. OF STAFF	137857
NO. OF GAZETTED OFFICERS	1721
NUMBER OF LOCOMOTIVES	Elect. – 1193
	Diesel – 862
NUMBER OF PASSENGER COACHES	11021
WAGON HOLDING IN 2024-25	282923
NO. OF ORIGINATING PASSENGERS	44.37 Cr.
REVENUE LOADING 2024-25	55.67 MT
GROSS EARNING IN 2024-25	₹ 22145.63 Cr.
TOTAL WORKING EXPENDITURE IN 2024-2025	₹ 30090.49 Cr.
OPERATING RATIO	135.66 %

NORTHERN RAILWAY
SALIENT FEATURES

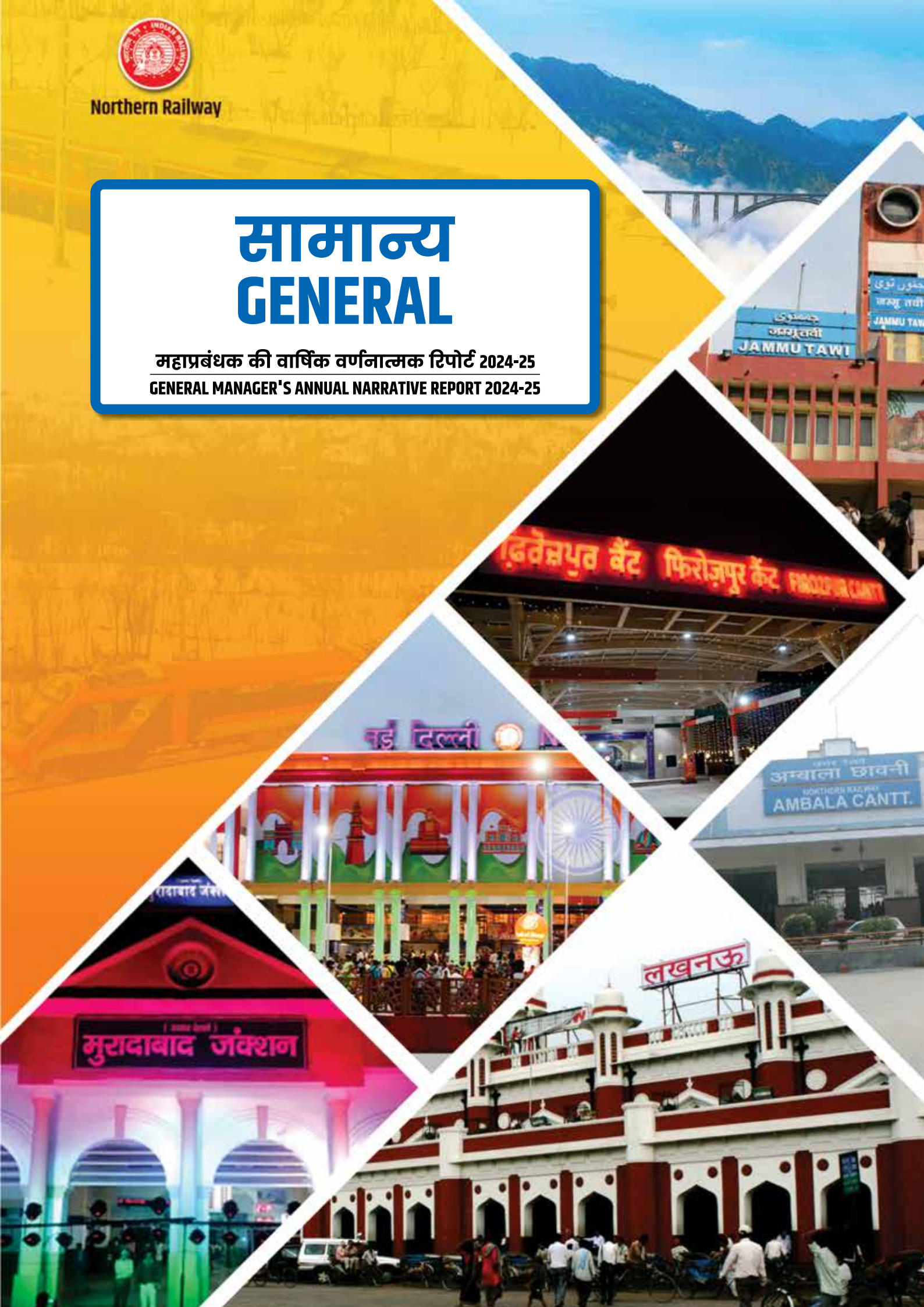
CHAPTER	SUBJECT	PAGE NO.
I	GENERAL (PUBLIC RELATION/ LEGAL/ VIGILANCE/ PLANNING/ HINDI/ PREM/ ZRUCC	01 - 46
II	ACCOUNTS	47 - 90
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VIII	PERSONNEL	351 - 370
IX	SECURITY RPF	371 - 381
X	SIGNAL & TELE COMMUNICATION	383 - 401
XI	STORES	403 - 414
XII	SAFETY	415 - 423
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Northern Railway

सामान्य
GENERAL

महाप्रबंधक की वार्षिक वर्णनात्मक रिपोर्ट 2024-25

GENERAL MANAGER'S ANNUAL NARRATIVE REPORT 2024-25



उत्तर रेलवे की उपलब्धियाँ

1. उत्तर रेलवे सबसे बड़ा क्षेत्रीय रेलवे है और पंजाब, हरियाणा, दिल्ली, हिमाचल प्रदेश, उत्तर प्रदेश के कुछ हिस्सों, राजस्थान, उत्तराखंड और केंद्र शासित प्रदेशों चंडीगढ़, जम्मू और कश्मीर तथा लद्दाख में रहने वाली विशाल आबादी को सेवा प्रदान करता है। इस क्षेत्र की ट्रेनें प्रतिदिन देश भर में लोगों, अनाज और सामान का परिवहन करती हैं। यह उत्तर में दो अंतरराष्ट्रीय सीमाओं पर तैनात भारतीय सशस्त्र बलों के सैनिकों की देखरेख में भी सहायता करता है।

2. भारतीय रेलवे, जिसे 'राष्ट्र की जीवनरेखा' कहा जाता है, कनेक्टिविटी, आर्थिक विकास, सामाजिक एकीकरण और बुनियादी ढांचे के विकास को बढ़ावा देकर देश के सामाजिक–आर्थिक परिदृश्य को आकार देने में एक महत्वपूर्ण घटक रहा है। व्यापक रेलवे नेटवर्क राष्ट्र निर्माण की प्रक्रिया में महत्वपूर्ण भूमिका निभाता रहता है। उत्तर रेलवे सहित क्षेत्रीय रेलवे ने अपने सेवा क्षेत्रों की प्रगति में योगदान दिया है।

3. केंद्रीय योजना प्रकोष्ठ ने वर्ष 2024–25 के दौरान उत्कृष्ट प्रदर्शन की उपलब्धि हासिल की है। इसके परिणामस्वरूप इस अवधि में 23 कार्य अध्ययन किए गए और विभिन्न श्रेणियों के कर्मचारियों के कुल 775 पदों का त्यागध्पुनर्वितरण किया गया, जिससे 42.62 करोड़ रुपये की बचत हुई।

4. वित्तीय वर्ष 2024–25 के लिए, एनआर नियंत्रित खंड में पूंजीगत व्यय का उपयोग 100% हासिल किया गया है।

5. चालू वित्तीय वर्ष में, स्टेशनों के विरुद्ध बकाया 81.95 करोड़ रुपये का भुगतान वित्तीय वर्ष 2024–25 के दौरान किया गया है।

6. चालू वर्ष यानी 2024–25 में वसूली योग्य बिलों में 1001.27 करोड़ रुपये का भुगतान हासिल किया गया है।

7. उत्तर रेलवे ने वर्ष 2024–25 के दौरान 55.67 मिलियन टन का प्रारंभिक राजस्व भारण हासिल किया, जबकि वर्ष 2023–24 में यह 53.58 मिलियन टन था, जो 3.90% की वृद्धि दर्शाता है।

8. वर्ष 2024–25 के दौरान डीजल लोको का उपयोग 358.49 किमी रहा, जबकि वर्ष 2023–24 में यह 282.90 किमी था, जो 26.72% की वृद्धि दर्शाता है।

9. वर्ष 2024–25 के दौरान इलेक्ट्रिक लोको का उपयोग 374.70 किमी रहा, जबकि वर्ष 2023–24 में यह 352.05 किमी था, जो 6.43% की वृद्धि दर्शाता है।

10. वित्तीय वर्ष 2024–25 के दौरान, STBA के माध्यम से 141.15 लाख टिकट जारी किए गए, जिससे 91.03 करोड़ रुपये का राजस्व प्राप्त हुआ।

11. वित्तीय वर्ष 2024–25 के दौरान, ATVM के माध्यम से 261 लाख टिकट जारी किए गए, जिससे 318.73 करोड़ रुपये का राजस्व प्राप्त हुआ।

12. वित्तीय वर्ष 2024–25 के दौरान, UTS–ऑन–मोबाइल ऐप के माध्यम से 56.52 लाख टिकट जारी किए गए, जिससे 59.46 करोड़ रुपये का राजस्व प्राप्त हुआ।

13. वित्तीय वर्ष 2024–25 में लघु स्थैतिक इकाइयों से 38.89 करोड़ रुपये का लाइसेंस शुल्क प्राप्त हुआ।

14. वित्तीय वर्ष 2024–25 के दौरान, उत्तरी रेलवे द्वारा 47 एचओजी कन्वर्टर आंतरिक रूप से स्थापित और चालू किए गए। एचओजी प्रणाली एंड–ऑन–जेनरेशन (ईओजी) प्रणाली की तुलना में काफी अधिक ऊर्जा दक्षता प्रदान करती है। यह शोर के स्तर को कम करने, वायु प्रदूषण को कम करने और उच्च गति वाले डीजल (एचएसडी) की खपत में बचत करने में भी योगदान देती है। भारतीय रेलवे में एचओजी से सुसज्जित लोकोमोटिव की सबसे अधिक संख्या उत्तर रेलवे के पास है।

15. कवच एक उन्नत सुरक्षा प्रणाली है जो लोको पायलटों की सहायता करती है, यदि पायलट निर्धारित गति सीमा बनाए रखने में विफल रहता है तो स्वचालित रूप से ब्रेक लगाती है, जिससे सुरक्षित ट्रेन संचालन सुनिश्चित होता है, विशेष रूप से प्रतिकूल मौसम की स्थिति में। वित्तीय वर्ष 2024–25 के दौरान, 176 लोकोमोटिव में कवच स्थापित किया गया, जिससे शेड में सुसज्जित लोकोमोटिव की कुल संख्या 212 हो गई।

16. गाजियाबाद GZB (ELS/GZB) के इलेक्ट्रिक लोको शेड में एक 18–चैनल वीवीवीएफ (परिवर्तनीय वोल्टेज परिवर्तनीय आवृत्ति) मोटर चालित बोगी रन टेस्ट प्लांट चालू किया गया है।

17. जनवरी 2025 में, व्यापक परीक्षण सफलतापूर्वक पूरे किए गए और सभी 6 डब्ल्यूएपी–7 लोकोमोटिव अब पूरी तरह से सुसज्जित हैं और यूएसबीआरएल सेक्शन में तैनाती के लिए तैयार हैं।

18. खनालंपुरा, सहारनपुर स्थित इलेक्ट्रिक लोको शेड ELS/KJGY ने वित्तीय वर्ष 2024–25 के दौरान आरडीएसओ विनिर्देश आरडीएसओ/2017/ईएल/एसएमआई/0315 के अनुसार वर्षा जल परीक्षण सुविधा को सफलतापूर्वक चालू कर दिया है।

19. वित्तीय वर्ष 2024–25 के दौरान, डब्ल्यूएजी–9एचसी लोकोमोटिव के कुल 14 एमयू सेट सफलतापूर्वक तैयार किए गए, जिनमें से प्रत्येक सेट में दो लोकोमोटिव शामिल हैं।

20. चालू वर्ष के दौरान, एक्सल बॉक्स रेसर को यथास्थान बदलने की एक नई विधि विकसित की गई है, जिससे लोकोमोटिव को उठाने की आवश्यकता समाप्त हो गई है। इस नवाचार से प्रति लोकोमोटिव 10 मानव घंटे की बचत हुई है, साथ ही रेसर में मौजूद दोषों का प्रभावी ढंग से समाधान भी हुआ है।

21. वित्तीय वर्ष 2024–25 के दौरान, 36 जोड़ी कोचिंग ट्रेनों को डीजल से इलेक्ट्रिक ट्रैक्शन में परिवर्तित किया गया, जिसके परिणामस्वरूप एचएसडी तेल की खपत में कमी के कारण लगभग 28.10 करोड़ की आवर्ती वार्षिक बचत हुई।

22. भारतीय रेलवे की प्रमुख पहल 'मिशन 100% रेलवे विद्युतीकरण' के तहत उत्तर रेलवे ने उल्लेखनीय प्रगति की है। पिछले 10 वर्षों में, उत्तरी रेलवे में 5,056 रूट किलोमीटर (आरएमके) और 9,335 ट्रैक किलोमीटर (टीएमके)–जो ब्रॉड गेज (बीजी) नेटवर्क का लगभग 70% है का विद्युतीकरण किया गया है।

23. वित्तीय वर्ष के दौरान कटरा–बनिहाल खंड का विद्युतीकरण और चालू करना सफलतापूर्वक पूरा हो गया है, जिससे कश्मीर घाटी को शेष भारत से जोड़ने वाला एक महत्वपूर्ण रेल संपर्क स्थापित हो गया है। विशेष रूप से, इस खंड का 88% भाग सुरंगों से होकर गुजरता है, जिनमें से सभी में रिजिड ओवरहेड कंडक्टर सिस्टम (आरओसीएस) लगाया गया है। इस परियोजना में आरओसीएस की स्थापना भारतीय रेलवे प्रौद्योगिकी में एक नया मानदंड स्थापित करती है, जिससे चुनौतीपूर्ण सुरंग वातावरण में विश्वसनीय और सुरक्षित विद्युत कर्षण सुनिश्चित होता है।

24. कुंभ मेला अवधि के दौरान 1,259 कुंभ मेला विशेष ट्रेनें और 2,011 अर्ली क्लीयरेंस रन (ईसीआर) सफलतापूर्वक संचालित किए गए।

25. उत्तर रेलवे के विभिन्न रेलवे स्टेशनों, विश्राम गृहों, विश्राम कक्षों और टीटीई विश्राम गृहों में कुल 1,970 आरसीसीबी (अवशिष्ट धारा परिपथ ब्रेकर) स्थापित किए गए हैं। रेलवे कर्मचारियों और विद्युत प्रतिष्ठानों की सुरक्षा बढ़ाने के लिए वाटर कूलर, बिजली के खंभे, एचएमटी और इलेक्ट्रिक गीजर के लिए ये व्यवस्थाएं की गई हैं।

26. वित्त वर्ष 2024–25 के दौरान, उत्तर रेलवे के विभिन्न सेवा भवनों और रेलवे स्टेशनों पर 606.19 किलोवाट क्षमता के ग्रिड–कनेक्टेड रूफटॉप सौर ऊर्जा संयंत्र स्थापित किए गए। आज तक, उत्तर रेलवे परिसर में आरईसीओ और कैपेक्स दोनों तरीकों के तहत कुल 24,816 किलोवाट क्षमता के रूफटॉप सौर संयंत्र चालू किए जा चुके हैं।

27. 2024–25 के दौरान, उत्तर रेलवे के डीजल शेडों ने 52 एल्को श्रेणी के डीजल इंजनों को अनुपयोगी घोषित करने की प्रक्रिया पूरी कर ली है, जो पिछले 10 वर्षों में दूसरी सबसे अधिक संख्या है।

28. गाजियाबाद स्थित ईएमयू कार शेड को राष्ट्रीय रेल संग्रहालय, नई दिल्ली में आयोजित 69वें रेलवे सप्ताह समारोह–2024 के दौरान 'सर्वश्रेष्ठ रखरखाव वाले DEMU/EMU/MEMU शेड' का शील्ड प्रदान किया गया।

29. पीएच–53 के अंतर्गत नई दिल्ली (14.05.24), हजरत निजामुद्दीन (13.05.24), शाहगंज (10.06.24), सुल्तानपुर (17.08.24) और अयोध्या (22.01.25) स्टेशनों पर त्वरित जल प्रणाली चालू कर दी गई है। इससे वाल्व संचालन में जनशक्ति की कमी हुई है, सीमित समय में पूर्ण जल आपूर्ति सुनिश्चित करने के लिए उचित प्रवाह सुनिश्चित हुआ है, गुच्छों में पानी जमा होने की स्थिति में बेहतर जल आपूर्ति हुई है, जल की बचत हुई है और प्रवाहध्दबाव की निगरानी की जा रही है, साथ ही भीषण गर्मी में निर्बाध जल आपूर्ति सुनिश्चित हुई है।

30. दो ब्रेक वैन संख्या 87122215529 बीवीसीएम और 87151810122 सुरक्षा, आराम और सौंदर्य में सुधार के लिए तुगलकाबाद स्थित वैगन केयर सेंटर में बीवीसीएम (बीवीसीएम) को अपग्रेड किया गया।

31. बडगाम में डीईएमयू शेड का 8 कोच से 12 कोच तक विस्तार का कार्य, सिविल एवं विद्युत विभाग द्वारा, 2024–25 के दौरान पूरा किया गया।

32. एनआरसीएच 24 में नवीनतम तकनीक और उपकरणों से सुसज्जित एक नई अत्याधुनिक हाई–टेक दंत इकाई स्थापित की गई है।

33. एचएमआईएस के सभी मॉड्यूल संभागीय अस्पताल और सभी संबद्ध स्वास्थ्य इकाइयों में सफलतापूर्वक कार्यान्वित किए गए हैं।

34. डेंगू और मलेरिया जैसे वेक्टर जनित रोगों को नियंत्रित करने के लिए 16.08.2024 से 21.09.2024 तक एनडीएलएस स्टेशन से एडीआरएम/डीएलआई और सीएमएस/डीएलआई द्वारा एक ट्रेन को हरी झंडी दिखाकर रवाना किया गया। ट्रेन ने रिंग रेलवे और छह नामित मार्गों पर रेलवे ट्रैक के 50–60 मीटर के हिस्से पर कीटनाशक का छिड़काव किया। रेलवे कॉलोनियों में अतिरिक्त फॉगिंग और जागरूकता अभियान चलाए गए, जिससे उच्च स्वच्छता मानकों को सुनिश्चित किया गया और कोई शिकायत नहीं मिली। ट्रेनों की आवाजाही के दौरान कीटनाशकों का छिड़काव किया गया, जिससे रिंग रेलवे और छह नामित मार्गों को कवर करते हुए ट्रैक के किनारे 50–60 मीटर तक के क्षेत्रों को कीटाणुरहित किया गया (16.08.2024 - 21.09.2024)।

35. महाकुंभ–2025 के दौरान कुल 93697 लोगों को प्राथमिक चिकित्सा प्रदान की गई, जो कि पिछले

कुंभ–2019 की तुलना में इस मंडल में 335% अधिक थी। महाकुंभ–2025 के दौरान तीर्थ यात्रियों ने न केवल प्रयाग बल्कि अयोध्या और वाराणसी की भी यात्रा की। ये तीनों स्टेशन मंडल के अंतर्गत आते हैं।

36. उत्तर रेलवे को वर्ष 2024–25 के लिए कर्मचारी लाभ निधि के अंतर्गत 12,97,13,600/- (12 करोड़ 97 लाख 13 हजार 600 मात्र) आवंटित किए गए थे और इस राशि का उपयोग शिक्षा, मनोरंजन, संस्कृति, महिला सशक्तिकरण, आयुर्वेद, होम्योपैथी, संस्थान एवं क्लब सुविधाओं, खेलकूद, स्काउट्स एवं गाइड्स, संकटकालीन सहायता आदि गतिविधियों के लिए किया गया है।

37. अंतर्राष्ट्रीय महिला दिवस 3 मार्च 2025 से 12 मार्च 2025 तक बड़ौदा हाउस, मुख्यालय कार्यालय में बड़े उत्साह के साथ मनाया गया, जिसके बाद 12 मार्च 2025 को चाणक्य पुरी स्थित राष्ट्रीय रेल संग्रहालय में एक भव्य समारोह आयोजित किया गया।

38. उत्तर रेलवे ने आईजी स्टेडियम, नई दिल्ली में अखिल भारतीय अंतर–रेलवे साइकिलिंग ट्रैक चौंपियनशिप 2024–25 का सफलतापूर्वक आयोजन किया। टीम ने तीसरा स्थान प्राप्त किया।

39. बैडमिंटन (पुरुष), टेनिस, क्रिकेट और हॉकी अंतर–विभागीय चौंपियनशिप 2024–25 का आयोजन लखनऊ, मुंबई और करनैल सिंह स्टेडियम में किया गया।

40. उनकी निष्ठा, कर्तव्यनिष्ठा और अनुकरणीय साहस को मान्यता देते हुए, वर्ष 2024 में भारत के राष्ट्रपति द्वारा 4 भारतीय पुलिस पदक और महानिदेशक/आरपीएफ द्वारा 37 डीजी के प्रतीक चिन्ह से एनआर के आरपीएफ कर्मियों को सम्मानित किया गया।

41. 05.09.2024 को, आरपीएफ/एनडीएलएस ने 24 पार्सल जब्त किए जिनमें लगभग 36 लाख रुपये मूल्य का 498 ग्राम सोने का बिस्कुट, लगभग 2.8 करोड़ रुपये मूल्य का 365.704 किलोग्राम चांदी और 85 लाख रुपये नकद थे। नकद और सोना आयकर विभाग द्वारा जब्त कर लिया गया है। इस संबंध में, आरपीएफ/डाक/एनडीएलएस ने 06.09.2024 को अज्ञात व्यक्ति के खिलाफ रेलवे अधिनियम की धारा 163 के तहत सीसी संख्या 4695/24 के तहत मामला दर्ज किया।

42. उत्तर रेलवे के 'ए', 'सी' और 'डी' मार्गों के सभी स्टेशनों पर पूर्ण ट्रैक सर्किटिंग की व्यवस्था कर दी गई है। अन्य मार्गों के शेष स्टेशनों पर भी धीरे–धीरे ट्रैक सर्किटिंग की व्यवस्था की जा रही है। पिछले पांच वर्षों में पूर्ण ट्रैक सर्किटिंग को 657 स्टेशनों (बी.जी.) से बढ़ाकर 719 स्टेशनों (बी.जी.) तक कर दिया गया है।

43. रेल भवन, बड़ौदा हाउस और उत्तर रेलवे के सभी 6 मंडलों में IPv6 लागू कर दिया गया है।

44. समीक्षाधीन वर्ष के दौरान उत्तर रेलवे मुख्यालय कार्यालय के सुरक्षा संगठन और मंडलों द्वारा 50048 सुरक्षा पोस्टर/पम्फलेट जारी किए गए।

45. वर्ष 2024–25 के दौरान, समय पर कार्रवाई करके सुरक्षा में योगदान देने वाले 125 रेलकर्मियों को सुरक्षा पुरस्कार से सम्मानित किया गया।

HIGHLIGHTS OF THE YEAR

1. Northern Railway is the largest Zonal Railway and serves a huge population residing in the state of Punjab, Haryana, Delhi, Himachal Pradesh, parts of Uttar Pradesh, Rajasthan, Uttarakhand, and Union Territories of Chandigarh, Jammu & Kashmir and Ladakh. The trains from the zone ferry people, food grains and goods each day from the region across the country. It also supports the Indian Armed Forces in maintaining their troops stationed at the two international borders in the North.

2. Indian Railway aptly called the "Lifeline of the Nation" has been a critical component in shaping the socio-economic landscape of the country by fostering connectivity, economic development, social integration and infrastructure growth. The extensive railway network continues to play a pivotal role in the process of nation-building. The Zonal Railways including Northern Railway have contributed to the progress of the regions that they serve.

3. The Central Planning Cell has achieved a distinction of outstanding performance during the year 2024-25. As a result of which 23 no. of work studies were conducted during this period and a total surrender/redistribution of 775 posts of various categories of staff were achieved with a monetary savings of 42.62 crores.

4. For the FY 2024-25, in NR Controlled segment CAPEX Utilization has been achieved at 100%.

5. In the current financial year, outstanding of Rs 81.95 cr. against stations has been cleared during the Financial Year 2024-25.

6. A clearance of Rs. 1001.27 Cr. has been achieved in the current year i.e 2024-25 in bills recoverable.

7. Northern Railway during the year 2024-25 has achieved an Originating Revenue Loading of 55.67 Million Tonnes as against 53.58Million Tonnes during the year 2023-24 registering an increase of 3.90%.

8. During the year 2024-25 Diesel loco utilization was 358.49kms as compared to 282.90kms. during the year 2023-24 registering increase of 26.72%.

9. During the year 2024-25 Electric loco utilization was 374.70 kms as compared to 352.05 kms. during the year 2023-24 registering increase of 6.43%.

10. During FY 2024-25, 141.15 lakhs tickets have been issued through STBA generating revenue of Rs. 91.03 Cr.

11. During the FY 2024-25, 261 lakhs tickets have been issued through ATVMs generating revenue of Rs.318.73 Cr

12. During FY 2024-25, 56.52 lakhs tickets have been issued through UTS-on- Mobile App. generating revenue of Rs.59.46 Cr.

13. In financial year 2024-25 Rs. 38.89 Cr. license fee has been received from minor static units.

14. During the financial year 2024-25, 47 HOG converters were fitted and commissioned in-house by Northern Railway. The HOG system offers significantly higher energy efficiency compared to the End-on-Generation (EOG) system. It also contributes to reduced noise levels, lower air pollution and savings in high-speed diesel (HSD) consumption. Northern Railway holds the highest number of HOG-equipped locomotives in Indian Railways.

15. KAVACH is an advanced safety system that assists loco pilots by automatically applying brakes if the pilot fails to maintain specified speed limits, ensuring safe train operation, especially during adverse weather conditions. During FY 2024- 25, KAVACH was installed in 176 locomotives, bringing the total number of equipped locomotives to 212 across the shed.

16. An 18-Channel VVVF (Variable Voltage Variable Frequency) Motorized Bogie Run Test Plant has been commissioned at Electric Loco Shed, Ghaziabad (ELS/GZB).

17. In January 2025, comprehensive trials were successfully completed and all 6 WAP-7 locomotives are now fully equipped and ready for deployment in the USBRL section.

18. Electric Loco Shed, Khanalampura, Saharanpur (ELS/KJGY) has successfully commissioned a Rain Water Testing Facility during the financial year 2024-25, in accordance with RDSO Specification RDSO/2017/EL/SMI/0315

19. During the financial year 2024-25, a total of 14 MU sets of WAG-9HC locomotives were successfully formed with each set comprising two locomotives.

20. During the current year, a new method has been developed to replace axle box racers in-situ, eliminating the need to lift the locomotive. This innovation has led to a saving of 10 man hours per locomotive while effectively addressing defects in the racer.

21. During the financial year 2024-25, 36 pairs of coaching trains were switched from diesel to electric traction, resulting in a recurring annual saving of approximately *28.10crore due to reduced consumption of HSD oil.

22. Northern Railway has made remarkable progress under Indian Railways' flagship "Mission 100% Railway Electrification" initiative. Over the past 10 years, 5,056

Route Kilometers (RKM) and 9,335 Track Kilometers (TKM)- accounting for approximately 70% of the Broad Gauge (BG) network-have been electrified across Northern Railway.

23. During the Financial year the commissioning and electrification of the Katra- Banihal section have been successfully completed, establishing a vital rail link that connects the Kashmir Valley with the rest of India. Notably, 88% of this section runs through tunnels, all of which have been equipped with the Rigid Overhead Conductor System (ROCS). The ROCS installation in this project sets a new benchmark in Indian railway technology, ensuring reliable and safe electric traction in challenging tunnel environments.

24. Successfully operated 1,259 Kumbh Mela special trains and 2,011 Early Clearance Runs (ECRS) during the Mela period.

25. A total of 1,970 RCCBs (Residual Current Circuit Breakers) have been installed across various railway stations, rest houses, retiring rooms and TTE rest houses over Northern Railway. These have been provided for water coolers, electric poles, HMTs and electric geysers to enhance the safety of railway staff and electrical installations.

26. During FY 2024-25, 606.19 kwp of grid-connected rooftop solar power plants were installed across various service buildings and railway stations on Northern Railway. Till date, a total capacity of 24,816 kwp of rooftop solar installations has been commissioned under both RESCO and CAPEX modes across Northern Railway premises.

27. During 2024-25 NR Diesel sheds have finalized the condemnation of 52 Alco class Diesel locomotives which is Second Highest during the last 10 years.

28. EMU Car Shed, Ghaziabad has been awarded with a shield of "Best maintained DEMU/EMU/MEMU shed" during 69th Railway Week function-2024 organized at National Rail Museum, New Delhi.

29. Quick Watering System has been commissioned at New Delhi (14.05.24), Hazrat Nizamuddin (13.05.24), Shahganj (10.06.24), Sultanpur (17.08.24) and Ayodhya (22.01.25) stations under PH-53. This has resulted in manpower reduction in valve operation, proper flow to ensure full watering in limited time, improved watering in case of bunching, water savig and flow/pressure monitoring and uninterrupted water supply in peak summer.

30. Two Brake Van No. 87122215529 BVCM and 87151810122 BVCM were upgraded at Wagon Care Centre, Tughlakabad to improve safety, comfort and aesthetics.

31. Work of extension of DEMU shed from 8 coaches to 12coaches at Budgam, Civil & Elect. Works have been completed during the year 2024-25.
32. A new state of the art Hi Tech Dental unit with latest technology and accessories installed in NRCH 24.
33. All modules of HMIS have been successfully implemented in the divisional hospital and at all associated Health Units.
34. Flagged off by ADRM/DLI and CMS/DLI from NDLS Station from 16.08.2024 to 21.09.2024 to control vector-borne diseases like dengue and malaria. The train sprayed insecticide along a 50-60-meter stretch of the railway track across ring railway and six nominated routes. Additional fogging and awareness drives were conducted in railway colonies, ensuring high sanitation standards with zero complaints, Sprayed insecticides during train movements, sanitizing areas up to 50-60 meters along the track, covering Ring Railway and six nominated routes (16.08.2024-21.09.2024).
35. Total of 93697 people were provided first aid during the Maha Kumbh-2025 which was 335% higher than last Kumbh-2019 in the division. During Maha Kumbh-2025 the pilgrims visited not only Prayag but also Ayodhya & Varanasi. All these three stations are within the division.
36. 12,97,13,600/- (Twelve Crore Ninety-Seven Lakhs Thirteen Thousand Six Hundred Only) were allocated under the Staff Benefit Fund to Northern Railway for the year 2024-25 and the amount has been gainfully utilized for activities such as Education, Recreation, Culture, Women Empowerment, Ayurveda, Homeopathy, Institute & Club Facilities, Sports, Scouts & Guides, relief in distress etc.
37. International Women's Day was celebrated with great zeal in Baroda House, HQ office from 3rd March 2025 to 12th March 2025 followed by a grand function at National Rail Museum, Chanakya Puri on 12th March, 2025.
38. Northern Railway successfully Organized All India Inter Railway, Cycling Track Championship 2024-25 at IG Stadium New Delhi and Cycling team secured third position.
39. Badminton (Men) Tennis, Cricket & Hockey Inter Division championship 2024-25 was organized at LKO, MB and Karnail Singh Stadium.
40. In recognition of their sincerity, devotion to duty and exemplary courage, RPF personnel of NR received 04 Indian Police Medal by the President of India and 37 DG's Insignia by the Director General/RPF in the year 2024.
41. On 05.09.2024, RPF/NDLS seized 24 parcels containing 498-gram gold bar, valued approx. Rs. 36 lakhs and 365.704 kg silver, valued approx. Rs. 2.8 crores and Rs. 85lakh in cash. The cash and gold have been confiscated by Income Tax Department. In this connection, RPF/Post/NDLS registered a case vide CC no 4695/24 u/s 163 of the Railways Act against unknown on dt 06.09.2024.

42. Complete Track Circuiting has been provided on all the stations on 'A','C' and 'D' routes on Northern Railway. Track circuiting on balance stations of other routes is also being provided progressively. Complete track circuiting has been extended from 657 stations (B.G.) to 719 stations (B.G.) in last five years.

43. IPv6 has been implemented at Rail Bhawan, Baroda House and at all the 06 divisions of Northern Railway.

44. During the year under review 50048 Nos. of Safety Posters / Pamphlets were issued by the Safety Organization of Northern Railway, Headquarters Office and by the Divisions.

45. During the year 2024-25, the Safety Award has been awarded to 125 Nos. of Railway Men who contributed towards safety by their timely action.

PUBLIC RELATIONS

1.1.1 About the Department

The Public Relations Department is instrumental in shaping a favorable public opinion of Northern Railway by building its positive image. This is done by sustained media interaction and timely dissemination of information to the public through press releases, advertisements, press conferences, press briefings etc. This department also plays a significant role in collecting a feedback of the public opinion towards the Railways to help in formulating policies that would be perceived by railway passengers, users and general public as being people friendly. This is achieved by the continuous monitoring of the print and electronic media.

The thrust of PR as planned and executed by this department is significantly influenced by the activities of the Zone at any given time. The year 2024-25 can be termed as a highly eventful year for Northern Railway

Also Public Relation Office issued regular reports to the press on the drives/action-plan taken by the Railways to bring in a palpable improvement in passenger services. the press reports checks and drive undertaken during the holiday season substantially, wide publicity was given to the various special trains run on all occasions.

The crowning achievements of the year 2024-25 was flagging off of the Meerut to Lucknow Vande Bharat train by Hon’ble Prime Minister through VC on 31.08.2024. Hon’ble Prime Minister also virtually flagged off Baijnath Dham Deoghar to Varanasi Vande Bharat train on 15.09.2024. Hon’ble PM flagged off of 20 Coaches Vande Bharat Train from Varanasi to New Delhi 16.09.2024.

To promote bilateral relationship with Nepal a Bharat Gaurav Deluxe AC Tourist Train for Bharat Nepal Maitri Yatra was flagged off by Hon'ble Minister of Railways at Hazrat Nizamuddin Railway station on 20.09.2024. To connect Jharkhand to Delhi Hon'ble MP's Shri Nishikant Dube and Shri Manoj Tiwari flagged off of Delhi Jn. to Godda Jn. weekly express train on 09.10.2024. To promote farmers products Hon'ble Minister of Railways flagged off Devlali Danapur Setkari Samruddhi Special Train through VC on 15.10.2024. With the installation of Railways pavilion at international Trade fair at Bharat Mandapam on 14.11.2024, Indian Railways witnesses its presence on global level. To honour Railway family members a Ati Vishisht Rail Seva Puraskar ceremony was held at Bharat Mandapam on 21.12.2024. With the formation of Jammu division Northern Railway has got its 6th division on 06.01.2025. This newly Jammu division was initiated by Hon'ble Prime Minister. To connect NRI with India a Pravasi Bharatiya Bharat Gourav train was flagged off by Prime Minister through VC on 09.01.2025.

Public Relations Office, Northern Railway is doing immense work in the social media realm too. Regular posting of videos on YouTube, tweets on X, informative messages on Whatsapp and articles on Facebook about recent events and developments of Railways are undertaken on a daily basis. This not only helps in making the public aware of the activities being undertaken

by Northern Railway as well as Indian Railway as a whole but also being in constant dialogue with the public to hear about their grievances and resolve any problems they might be facing – and in turn maintain a positive image in the public eye by bringing out all our efforts in the open..

Public Relations Department plays very important role during any untoward incident/other unusual occurrences such as bandh calls, rail-roko agitations, floods, fog etc. It also plays greater responsibility in interaction with media with correct and updated information such as relief and rescue measures, passengers affected, as well as restoration of traffic etc.

During foggy weather, the PR Department works in special shifts to upload train position/ information on the website/Social Media platforms besides relaying the same to electronic media. In order to generate mass awareness on safety issues like safety at level-crossings etc., the PR Department also undertook SMS campaigns to disseminate the relevant informations, as and when required.

Factual information on all inaugural events of the various developmental projects disseminated through highly informative, creative and colorfully designed brochures. The various occasions for media interaction and PR activities during 2024-25 are listed below:

1.1.2 Highlights of the Year

CEREMONIAL FUNCTIONS- 01.04.2024 TO 31.03.2025

S NO.	DATE	EVENTS
1.	31.08.2024	Flaging off of Vande Bharat Train from Meerut to Lucknow by Hon'ble Prime Minister through VC
2.	15.09.2024	Hon'ble Prime Minister virtually flagged off Baijnath Dham Deoghar to Varanasi Vande Bharat Train.
3.	16.09.2024	Hon'ble Prime Minister virtually flagged off Varanasi to New Delhi 20 Coaches Vande Bharat train.
4.	20.09.2024	Hon'ble Minister of Railways flagged off Bharat Gaurav deluxe AC tourist train for Bharat-Nepal maître yarta at Hazrat Nizamuddin.
5.	09.10.2024	Flagging off of Delhi Jn. To Godda Jn. Weekly express train by Hon'ble MP's Shri Nishikant Dube and Shri Manoj Tiwari.
6.	15.10.2024	Flagging off of Devlali-Danapur Setkari Samruddhi Special Train by Hon'ble Minister of Railways through VC.
7.	14.11.2025	Innaugration of Railways Pavillion at International Trade Fair at Bharat Mandapam

8.	21.12.2024	Ati Vishisht Rai Seva Puraskar ceremony at Bharat Mandapam.
9.	06.01.2025	Creation of Jammu Division by Hon'ble Prime Minister through VC.
10.	09.01.2025	Flagging off of Pravasi Bhartiya Bharat Gaurav Train from Hazrat Nizamuddin.

1.1.3 Performance of Public Relations Department during the Year

S.No.	ACTIVITY	NUMBER	REMARKS
1	Press Releases Issued	1187	
2	Press Releases Published	1187	
3	Press Conferences	16	
4	Press Tours Conducted	11	
5	Publicity Brochures Brought Out	06	
6	Participation In Exhibitions	01 (ITPO)	On behalf of Indian Railways.
7	Advertisements Released	3954	
	Including Corrigendum		
(a)	Display	None	
(b)	Tender	2856	Including Corrigendum
(c)	Others/ Notice	1098	Including Corrigendum
8	Radio/TV Spots Produced	06 Video Spot and 02 Radio Spot	
9	Radio/TV Spots Bradcast/ Telecast	06 Video Spot and 02 Radio Spot	
10	Interviews/Bytes Organised	224	
11	No of Photography coverage	649	
12	No of Videography coverage	152	

LEGAL MATTERS

1.2.1 About the Department

Law Department in HQ office of Northern Railway is headed by Dy.GM/Law and is working under the administrative control of AGM. Following are the duties of Legal Department-

- Nomination of Railway Advocates if needed e.g. in cases where unable to identify executive department.
- Coordination with nodal officers for providing Power of Attorney/Vakalatnama in favour of the nominated RA, para-wise comments and relevant rules in support of the stand to be taken by the administration in the court of law.
- To study the pleadings of the petitioners/applicants and legal vetting of Reply/Affidavit prepared by RA o¬n the basis of para-wise comments provided by branch officer.
- Examining judgments/orders referred by other branches and to advise the concerned to ensure timely action.
- To examine the grounds of appeal framed by the executive departments for the purpose of taking decision with regard to filing of appeal.
- To provide legal opinion to the various departments whenever required by them.
- Legal vetting of all legal documents viz. Contract, Agreement, Lease, Bank Guarantee etc.
- To monitor timely payment of legal fee and legal expenses to Railway Advocates.
- Follow up action for pending Contempt and Execution cases with executives and bring into the notice of nodal officers about the urgency of taking decision in any individual case in order to avoid any embarrassing situation.
- Maintain Liaison with Solicitor General of India, Additional Solicitor General and Government Advocates in connection with cases in High Courts and Supreme Court of India.

1.2.2 Highlights of the year

1. Cases in Courts over Northern Railway Territory:

The opening balance of court cases pertaining to Northern Railway within its territorial jurisdiction in various courts and Quasi judicial forums National State and District Consumer Forums, Tribunals etc. at the beginning of the financial year 2024-25 was12115.During the year under review, 2044fresh cases were filed bringing the total to 14159.Out of these 2564cases were disposed off during the year leaving the balance of cases 11595as on 31/03/2025.

2. Cases in Courts outside Northern Railway Territory:

In addition to above,189were pending in courts/quasi judicial forums outside the territorial jurisdiction of Northern Railway at the beginning of the financial year 2024-25. 67fresh

cases were filed in these courts during the period under review bringing to the total to 256cases. Out of these, 67cases were disposed off, leaving the balance of 189cases at the close of the financial year 2024-25.

3. Financial Expenditure during April, 2024 to March, 2025:

The total expenditure incurred on litigation during the year was Rs.12,74,75,918/-.

4. Amount claimed/decreed by the Court:

The position with regard to the amount claimed/decreed by the Court and payments made towards the satisfaction of decrees during the financial year2024-25is given below:

(i) Amount claimed in all cases instituted in various courts Rs.1,66,29,00,126/-during the financial year 2024-25;

(ii) Amount decreed by the Court Rs.97,80,67,606/-during the financial year 2024-25;

(iii) Amount paid towards satisfaction of decree including amount decreed in previous years is Rs.76,61,19,974/-

5. Legal opinion:

During the period under reference, Legal Opinion was given inNo. 129 ofcases (excluding Court cases) to Engg., Stores, Mechanical, Commercial, Operating, Security, Medical & S & T Deptts.

VIGILANCE

1.3.1 About the Department

The sphere of Vigilance Organisation covers a wide gamut of activities. The organisation not only investigates the complaints pertaining to offences of corruption and malpractices, but also carries out preventive checks at sensitive points and Mass Contact Area in order to ascertain if procedures are being adhered to. Additionally. decoy checks are also conducted in order to reinforce the systems.

The main areas of activities of Vigilance broadly are categorised as under: -

(i) Preventive checks.

(ii) Investigations into genuine and owned complaints.

(iii) Punitive recommendations consequent to investigations.

(iv) Integrity building.

(v) Vigilance clearances.

(vi) Education and awareness.

Broad objectives of this organization are: -

(i) Ensure observance of rules and procedures.

(ii) Protection of Railway revenue against leakages.

(iii) Procedural and structural reforms to restrict and limit opportunities for corrupt practices.

(iv) Initiatives for integrity improvement.

(v) Improving rail user's perception.

The following thrust areas have been identified for the year on which emphasis is given for conducting checks:-

(i) Scrutiny of expenditure contracts covering all Engineering Department.

(ii) In order to cover large value works/Machinery & plants/procurement, Plan Heads have been identified for conducting preventive checks, including proper accountal of stores

(iii) Scrutiny of Earning contracts

(iv) Misuse of various concessions including free passes, Checks in working of PRS System, E-Tickets – specifically refunds after preparations of charts, EFT's to detect fraud and their genuineness, Refund of PRS Tickets, Claim settlement cases under section 124-A

(v) Monitoring coverage and usage of CCTVs and other Surveillance mechanisms at various critical infrastucture of Railways where misuse is rampant.

(vi) Checks on Non issued tickets and special cancellation in PRS and UTS.

(vii) Checks on reservation done on zero value/pre-bought tickets and misuse of special/ complementary passes.

(viii) Checks on overloading of VPs/SLRs and record keeping of overloading instances by the checking/contracting division and action taken thereof.

(ix) Duty Roster of TTEs & rotation of TTEs.

(x) EFT and station cash remittance and submission of periodical returns.

(xi) Review of staff posted at Goods Sheds, Parcel officers and other sensitive posts to ensure rotation.

(xii) Reconciliation of : Issue & Receipt of new & released materials.

(xiii) Proper implementation of NIP & its inclusion in Service record against the staff against which D&AR action had been proposed.

(xiv) Checks in RRB/RRC exams, Departmental Selections, Compassionate ground Appointments

(xv) Maintenance of leave records.

(xvi) Verification of various certificates of the candidates recruited through compassionate grounds, sports quota & cultural quota etc.

(xvii) Scrutiny of long absentee empioyee, verification of employee data in IPAS with muster roll/attendance and Service records.

(xviii) Scrutiny of compassionate appointment cases & role of Welfare Inspectors.

(xix) Failed NEFT transactions and bankers cheques

(xx) Memorandum of differences for salary payment.

(xxi) Bill passing of contracts- entries in MB.

(xxii) Reconciliation of payment of Deposit works.

(xxiii) Internal-check machinery in bill passing of contractors and suppliers claims

(xxiv) Reconciliation of receipts through electronic mode

(xxv) Report of pending RRs, deduction of surcharge and deposit of BG.

(xxvi) Check vendor/ Party Master in IPAS to weed out fake entities & expired contracts.

(xxvii) Checking Price Variation Bills

(xxviii) Checking of Incentive bonus given to SSEs in Workshops and Production Units.

(xxix) Checking of DOB of the Pensioners/family pensioners in the Scroll Sheet of the Bank with special attention to pensioners>80 years of age.

(xxx) Maintenance and upkeep of in-motion weighbridges

(xxxi) Hospital Management- Procurement of medicines and Quality of high value medicines.

2. Organization

Vigilance organisation of the Northern Railway is under the Administrative control of Senior Deputy General Manager who is also the Chief Vigilance Officer of this Railway. The sanctioned strength of the Vigilance organisation is as follows:

Gazetted

1	SDGM/ Chief Vigilance Officer	1
2	Chief Vigilance Officer/T	1
3	Chief Vigilance Officer (S&T)	1
4	Dy. Chief Vigilance Officer (A)	1
5	Dy. Chief Vigilance Officer (E)	1
6	Dy. Chief Vigilance Officer (EL)	1
7	Dy. Chief Vigilance Officer (M)	1
8	Dy. Chief Vigilance Officer (S)	1
9	Dy. Chief Vigilance Officer (T)	1
10	Asstt. Vigilance Officer (E)	1

Non- Gazetted Staff

1	Field staff (including 2 watchers)	33
2	Office staff (including two PO)	27
3	Group D staff	10

3. Investigations into Complaints

Total number of complaints investigated by the Vigilance branch during the year 2024-2025 and the result arising there of in the form of Major penalty/ Minor penalty proceedings are as under:

		Total
(a)	Total number of complaints investigated	261
(b)	Total number of Major penalty proceedings arising there from (Number of staff both GO & NGO)	11
(c)	Total number of Minor penalty proceedings arising there from (Number of staff both GO & NGO)	18

4. Preventive Checks

(a)	Number of Preventive checks undertaken	551
(b)	Amount realised/raised towards Railway dues	443 Lakh
(c)	Total number of Major penalty proceedings arising there from (Number of staff)	181
(d)	Total number of Minor penalty proceedings arising there from (Number of staff)	131

5. DAR Statistical Information

		GO	NGO	Total
(a)	Number of DAR cases brought forward from the previous year	23	255	278
(b)	Number of fresh cases arisen during the year	8	350	358
(c)	Number of cases finalized	12	366	378
(d)	Number of cases outstanding at the end of the year	19	239	258

6. Punishments

		GO	NGO	Total
1	Dismissal	-		-
2	Removals	-	1	1
3	Compulsory retirements	-	2	2
	Cut in Pension	2	2	4
4	Reduction in rank/ Pay	-	167	167
5	Withholding of increments	-	93	93
6	Withholding of promotion	-	-	-
7	Censure	6	22	28
8	Others	4	79	83
	Total	12	366	378

Some Important checks conducted by Vigilance Deptt. During the period 01.04.2024 to 31.03.2025

Traffic

(i) Detection of irregularity in Parcel Office/Leased SLR/VPU

- During reweighment of consignment at Parcel Office/DLI on 30/04/2024, total weight of 7530.6 kg was detected against booked weight of 3420 kg. Thus, 4110.60 kg was found excess for which an amount of Rs. 12964/- was realized from the party. DRM/Delhi had been advised to take action against defaulting staff.
- During preventive check conducted at Parcel Office/ANVT on 01/05/2024, an irregularity

was noticed in the collection of wharfage charge from the leaseholder. An amount of Rs. 21,168/- was realized from lease holder. DRM/Delhi had been advised to take action against defaulting staff.

- During reweighment of SLR of train No. 12415 on 01/08/2024, total weight of 6186.1 kg was detected against booked weight 3900 kgs. Thus, 2286.1 kg was found excess for which an amount of Rs. 40308/- was realized from the party and necessary action recommended against the leaseholder.
- During reweighment of consignment of Train No. 12367 & 22405 at Parcel Office/ANVT on 11/08/2024, 219 packages were found over weight resulting into 20151/- as under charges. DRM/Delhi had been advised to take action against defaulting staff.
- During reweighment of SLR of train No. 12651 on 27/08/2024, total weight of 4747 kgs. was detected against booked weight 3900 kgs. Thus, 847 kgs. was found excess for which an amount of Rs. 38990/- was realized from the party and necessary action recommended against the leaseholder.
- During reweighment of SLR of train No. 20957 on 29/08/2024, total weight of 7180 kgs. was detected against booked weight 3900 kgs. Thus, 3280 kgs. was found excess for which an amount of Rs. 50131/- was realized from the party and necessary action recommended against the leaseholder.
- During reweighment on 07/09/2024 at Parcel Office/Bareilly, total weight of 15 packages was found to be 2255 kgs. against the booked weight of 1340 kgs. CS/DLI was found responsible for booking of 15 packages as underweight. Rs. 9586/- was realized as under charges. DRM/MB had been advised to take action against defaulting staff.
- During reweighment of SLR of train No. 20805 on 21/09/2024, total weight of 8899 kgs. was detected against booked weight 3900 kgs. Thus, 4999 kgs. was found excess for which an amount of Rs. 129501/- was realized from the party and necessary action recommended against the leaseholder.
- During reweighment of FSLR of train No. 11057 on 11/10/2024, total weight of 5750 kgs. was detected against booked weight 3900 kgs. Thus, 1850 kgs. was found excess for which an amount of Rs. 38990/- was realized from the party and necessary action recommended against the leaseholder.
- During reweighment of RSLR of train No. 12415 on 17/10/2024, total weight of 5127.7 kgs. was detected against booked weight 3900 kgs. Thus, 1227.7 kgs. was found excess for which an amount of Rs. 36066/- was realized from the party and necessary action recommended against the leaseholder.
- During reweighment of FSLR of train No. 12302 on 26/10/2024, total weight of 7605 kgs. was detected against booked weight 3900 kgs. Thus, 3705 kgs. was found excess for which an amount of Rs. 104040/- was realized from the party and necessary action recommended against the leaseholder.
- During reweighment of FSLR of train No. 20501 on 13/11/2024, total weight of 8800 kgs. was detected against booked weight 3900 kgs. Thus, 4900 kgs. was found excess

for which an amount of Rs. 406192/- was realized from the party and necessary action recommended against the leaseholder.

- During reweighment of FSLR of train No. 12427 on 17/11/2024, total weight of 4265 kgs. was detected against booked weight 3900 kgs. Thus, 365 kgs. was found excess for which an amount of Rs. 14354/- was realized from the party and necessary action recommended against the leaseholder.
- During reweighment of RSLR of train No. 12907 on 19/12/2024, total weight of 4381 kgs. was detected against carrying capacity 3900 kgs. Thus, 481 kgs. was found excess for which an amount of Rs. 22122/- was realized from the party and necessary action recommended against the leaseholder.
- During reweighment of FSLR of train No. 12779 on 19/12/2024, total weight of 4526 kgs. was detected against booked weight 3900 kgs. Thus, 626 kgs. was found excess for which an amount of Rs. 28397/- was realized from the party and necessary action recommended against the leaseholder.
- During reweighment of FSLR of train No. 12651 on 18/12/2024, total weight of 6405 kgs. was detected against booked weight 3900 kgs. Thus, 2505 kgs. was found excess for which an amount of Rs. 71636/- was realized from the party and necessary action recommended against the leaseholder.
- During reweighment of FSLR of train No. 12313 on 13/12/2024, total weight of 6708 kgs. was detected against booked weight 3900 kgs. Thus, 2808 kgs. was found excess for which an amount of Rs. 93983/- was realized from the party and necessary action recommended against the leaseholder.
- During reweighment of FSLR of train No. 12807 on 18/12/2024, total weight of 5405 kgs. was detected against booked weight 3900 kgs. Thus, 1505 kgs. was found excess for which an amount of Rs. 40569/- was realized from the party and necessary action recommended against the leaseholder.
- During reweighment of FSLR of train No. 12779 on 19/12/2024, total weight of 5394 kgs. was detected against booked weight 3900 kgs. Thus, 1494 kgs. was found excess for which an amount of Rs. 46833/- was realized from the party and necessary action recommended against the leaseholder.
- During reweighment of FSLR of train No. 12803 on 24/12/2024, total weight of 6522 kgs. was detected against booked weight 3900 kgs. Thus, 2622 kgs. was found excess for which an amount of Rs. 63515/- was realized from the party and necessary action recommended against the leaseholder.
- During reweighment of FSLR of train No. 12919 on 29/01/2025, total weight of 5078 kgs. was detected against carrying capacity 3900 kgs. Thus, 1178 kgs. was found excess for which an amount of Rs. 28342/- was realized from the party and necessary action recommended against the leaseholder.
- During reweighment of FSLR of train No. 12555 on 29/01/2025, total weight of 5302 kgs. was detected against booked weight 3900 kgs. Thus, 1402 kgs. was found excess

for which an amount of Rs. 23891/- was realized from the party and necessary action recommended against the leaseholder.

- During reweighment of SLR of train No. 12313 on 23/02/2025, total weight of 6761 kgs. was detected against carrying capacity 3900 kgs. Thus, 2861 kgs. was found excess for which an amount of Rs. 93667/- was realized from the party and necessary action recommended against the leaseholder.
- During reweighment of SLR of train No. 12301 on 23/02/2025, total weight of 7235.7 kgs. was detected against carrying capacity 3900 kgs. Thus, 3335.7 kgs. was found excess for which an amount of Rs. 108409/- was realized from the party and necessary action recommended against
- Based on source information, the Northern Railway Vigilance team conducted check on 26.03.2025 at New Delhi Railway Station for train number 12426 (Jammu Rajdhani) in the F/SLR compartment. A total of 86 packages were found in the parcel section, out of which 58 were found suspicious. Initial investigation revealed that they contained smuggled foreign cigarette cartons. The Customs Department was informed, and they confirmed the goods as smuggled cigarettes.

  Further investigation led to the recovery of 11,60,000 foreign cigarette sticks, which did not have the mandatory health warnings issued by the Ministry of Health. The Customs Department seized 58 suspicious packages, while the remaining 28 packages were handed over to the parcel supervisor. The total value of the seized goods was estimated at Rs 2.32 crore.
- During reweighment of FSLR of train No. 22867 on 19/03/2025, total weight of 5195.5 kgs. was detected against carrying capacity 3900 kgs. Thus, 1295.5 kgs. was found excess for which an amount of Rs. 31647/- was realized from the party and necessary action recommended against the leaseholder.

(ii) Detection of irregularity in Train

During preventive checks conducted in Train No. 12488 on 06/04/2024, , the following irregularities were noticed against OBHS staff and on board catering staff:

- Three OBHS staff were found without proper uniform.
- One vendor of pantry car was found without medical and was charged Rs. 2980/- as per rule.
- Two vendors were found without uniform
- POS machine and bill book was not available with Pantry Manager
- None of the pantry staff declared private cash.
- Approved item list was not available with Pantry Manager.

  DRM/FZR had been advised to take action against defaulting staff.

- During preventive checks conducted in Train No. 12556 on 10/04/2024, 11 irregular

passengers were found in B7, B8 and B9 coaches manned by TTE on duty. Rs. 16200/- was realized from them as penalty and due fare. DRM/FZR had been advised to take D&AR action against defaulting staff.

- During preventive checks conducted in TC Office/DDN on 13/04/2024, while train no. 12055 arrived at station on 13/04/2024, Rs. 3230/- was found excess in Pvt. cash of TTE. DRM/UMB had been advised to take D&AR action against defaulting staff.
- During preventive checks conducted in TTE Lobby/DUI on 14/04/2024, Rs. 15330/- was found excess in private cash of three TTEs of Train No. 16032 on 14/04/2024. DRM/UMB had been advised to take D&AR action against defaulting staff.
- During preventive check conducted in Train No. 12138 on 15/04/2024, 4 irregular passengers were found in HA1, A1 and A2 coaches manned by TTE on duty. Rs. 6000/- was realized from them as penalty and due fare. Besides he was also found responsible for depriving a confirmed ticket holder a seat and allotted the same seat to II Class ticket holder passenger without collecting the difference of fare. DRM/FZR had been advised to take D&AR action against defaulting staff.
- During a preventive check conducted in Train No. 12138 on 15/04/2024, 5 irregular passengers were found in B4, B5, S1,S4 and S5 coaches manned by three TTEs on duty. Rs. 6030/- was realized from them as penalty and due fare. Besides, Rs. 430/- was found excess in govt. cash of TTE who manned S1 coach. DRM/FZR had been advised to take D&AR action against defaulting staff
- During preventive checks conducted in TC Office/MBDP on 17/04/2024,, one TTE/MBDP of Train no. 14208 was found responsible for not signing off his duty at HQ. Besides, 19350/- was found excess in private cash of TTEs. DRM/LKO had been advised to take D&AR action against defaulting staff.
- During preventive check conducted in Train no. 22435, staff of OBHS was found without medical certificate and Rs. 5780/- was realized from him as due fare and penalty. DRM/DLI had been advised to take action against defaulting staff.
- During a preventive check conducted in Train no. 22455 on 17/04/2024, 1 without ticket passenger was found in S-5 coach manned by TTE on duty. Rs. 470/- was realized from him as penalty and due fare. Besides, Rs. 1180/- was also found excess in his Pvt. Cash. DRM/UMBZR had been advised to take D&AR action against defaulting staff.
- During a preventive check conducted in Train No. 12232 on 18/04/2024, 18 irregular passengers were found in A1, A2, BE1, B1 to B4 and B6 coaches manned by two TTEs on duty. Rs. 25815/- was realized from them as penalty and due fare. DRM/UMB had been advised to take D&AR action against defaulting staff
- During a preventive check conducted in Train No. 12229 on 22/04/2024, 6 irregular passengers were found in M1 and B3 coaches manned by two TTEs on duty. Rs. 6520/- was realized from them as penalty and due fare. DRM/MB had been advised to take D&AR action against defaulting staff
- During a preventive check conducted in Train no. 12561, Pantry Car staff was found

without a valid traveling authority and Rs. 38700/- was realized from them as due fare and penalty. GM/Vig/ECR and CVO/IRCTC have been advised to take action against defaulting staff.

- During a preventive check conducted in Train No. 12203 on 21/05/2024, Rs. 8000/- was found as excess in private cash of TTE on duty. Besides, 2 without ticket passengers were found travelling in front power car with the consent of TTE and Technician. Rs. 4030/- was realized from them as penalty and due fare. DRM/FZR had been advised to take D&AR action against defaulting staff.
- During a preventive check conducted in Train no. 12424 on 26.05.2024, one without ticket passenger was found travelling in B12 Coach manned by on duty TTE. Rs. 7100/- was realized from him as due fare and penalty. DRM/DLI had been advised to take action against defaulting staff.
- During a preventive check conducted in Train no. 12424 on 29.05.2024, one without ticket passenger was found travelling in B9 Coach manned by TTE on duty. Rs. 7150/- was realized from him as due fare and penalty. Besides, undeclared Rs. 9000/- was found from attendant of B-5 and B-8 Coaches. DRM/DLI had been advised to take action against defaulting staff.
- During a preventive check conducted in Train No. 12537 on 08.06.2024, four passengers were found traveling in coach no. B1 with a tatkal Ticket using fake stationary. Rs. 9240/- was realized from them. DRM/LKO had been advised to take D&AR action against defaulting staff.
- On arrival of Train No. 13152, preventive checks were conducted at Saharnpur Station on 07.08.2024, Rs. 7100/-, Rs.680/- and Rs. 1250/- found excess in govt/pvt. cash of 3 TTEs of SRE. DRM/UMB had been advised to take action against defaulting staff.
- During a preventive check conducted in Train no. 22477 on 17.08.2024, two passengers were found traveling without ticket in C5 and C7 coach manned by TTE on duty. Rs. 5030/- was realized from them. DRM/MB had been advised to take action against defaulting staff.
- On arrival of Train No. 12230, preventive checks were conducted at TTE Lobby/BE on 17.08.2024, Rs. 7550/-, Rs. 1000/-, Rs. 2550/-, Rs. 400/- Rs. 20710/- and Rs. 2000/- were found excess in govt./pvt. cash of 6 TTEs of BE. DRM/MB had been advised to take action against defaulting staff.
- On arrival of Train No. 15274, preventive checks were conducted at TTE Lobby/STP on 18.08.2024, one TTE of STP was found absent from duty. Besides, Rs. Rs. 9820/- found excess in govt cash of Dy.CTI of STP. DRM/MB had been advised to take action against defaulting staff.
- During a preventive check conducted in Train no. 12137 on 29.08.2024, five passengers were found traveling without ticket in B4 & B6 coaches manned by TTE on duty. Rs. 2760/- was realized from them. DRM/FZR had been advised to take action against defaulting staff.

- During a preventive check conducted in Train no. 12137 on 29.08.2024, Rs. 1620/- was found as excess in Govt. cash of TTE on duty. DRM/FZR had been advised to take action against defaulting staff.
- On arrival of Train No. 13005, preventive checks were conducted at MB Station on 16.09.2024, Rs. 3200/-, Rs.3200/- and Rs. 4500/- was found as excess in govt. cash of 3 TTEs of MB. DRM/MB had been advised to take action against defaulting staff.
- During a preventive check conducted in TTE Lobby/ANVT on 16.09.2024, Rs. 600/- was found as excess in Govt. cash of TTE on duty. DRM/DLI had been advised to take action against defaulting staff.
- During a preventive check conducted in Train no. 12904 on 15.09.2024, Rs. 5700/- was found as excess in Govt. cash of TTE on duty. DRM/DLI had been advised to take action against defaulting staff.
- During a preventive check conducted in Train no. 22541 on 16.09.2024, three passengers were found traveling without ticket in G13 coach manned by TTE on duty. Rs. 1790/- was realized from them. Besides Rs. 1740 was found undeclared with TTE/BSB. DRM/LKO had been advised to take action against defaulting staff.
- During a preventive check conducted in Train no. 19322 on 16.09.2024, six irregular passengers were found traveling in S5 & S6 coaches manned by TTE on duty. Rs. 3305/- was realized from them. Besides Rs. 730/- was found excess in his pvt. Cash. DRM/LKO had been advised to take action against defaulting staff.
- During a preventive check conducted in Train no. 12904 on 15.09.2024, Rs. 1460/- and Rs. 5010/- were found excess in govt./pvt. Cash of two TTEs on duty.. DRM/DLI had been advised to take action against defaulting staff.
- On arrival of Train No. 12431, preventive checks were conducted at HNZM station on 14.09.2024, Rs. 9000/- and Rs. 800/- were found excess in govt./pvt. cash of two TTEs/ HNZM. DRM/DLI had been advised to take action against defaulting staff.
- During a preventive check conducted in Train no. 22478 on 13.09.2024, two passengers were found without ticket traveling in C8 coaches manned by TTE on duty. Rs. 5030/- was realized from them. Besides Rs. 4000/- was found with catering staff of C8 staff. DRM/DLI had been advised to take action against defaulting staff.
- On arrival of Train No. 12413, preventive checks were conducted at TTE Lobby/JAT on 05.10.2024, Rs. 3200/- and Rs. 1500/- were found excess in govt./pvt. cash of two TTEs of JAT. DRM/FZR had been advised to take action against defaulting staff.
- During a preventive check conducted in Train no. 13252 on 11.10.2024, Rs. 1250/- was found as excess in Govt. cash of TTE on duty. DRM/UMB had been advised to take action against defaulting staff.
- During a preventive check conducted in Train no. 15653 on 11.10.2024, Undeclared Rs. 7000/- was found with Pantry Car Manager. DRM/UMB had been advised to take action against defaulting staff.

- On arrival of Train No. 15120, preventive checks were conducted at NBD Station on 10.10.2024, Rs. 6650 & Rs. 680/- were found as excess in govt. cash of two TTEs of NBD. DRM/MB had been advised to take action against defaulting staff.
- During a preventive check conducted in Train no. 12920 on 01.11.2024, Rs. 16050/- was found as excess in Govt. cash of TTE on duty. DRM/FZR had been advised to take action against defaulting staff.
- During a preventive check conducted in Train no. 22430 on 03.11.2024, 4 unauthorised passengers were found traveling in break van of front SLR. Rs. 2195/- were realized from them. DRM/DLI had been advised to take action against defaulting staff.
- During a preventive check conducted in Train no. 12715 on 03.11.2024, 3 irregular passengers were found traveling in pantry car. Rs. 12085/- realized as fare and penalty from them. DRM/DLI had been advised to take action against defaulting staff.
- During a preventive check conducted in Train no. 04041 on 07.11.2024, Rs. 900/- and Rs. 4300/- was found as excess in Govt. cash of two TTEs on duty. DRM/MB had been advised to take action against defaulting staff.
- During a preventive check conducted in Train no. 12231 on 07.11.2024, 1 irregular passenger was found traveling in power car. Rs. 960/- realized as fare and penalty from them. DRM/UMB had been advised to take action against defaulting staff.
- On arrival of Train No. 15274, preventive checks were conducted at TTE Lobby/Sitapur on 10.11.2024, Rs. 520/-, Rs. 4041/- and Rs. 11500/- were found excess in govt./pvt. cash of TTEs of SPN. DRM/LKO had been advised to take action against defaulting staff.
- During a preventive check conducted in Train no. 12331 on 10.11.2024, 3 irregular passengers were found traveling in pantry car. Rs. 18805/- realized as fare and penalty from them. Besides, Rs. 1000/- was found excess with coach attendant and he was also found without traveling authority. R.s 2505/- realized from him. DRM/DLI had been advised to take action against defaulting staff.
- During a preventive check conducted in Train no. 12231 on 07.11.2024, 3 irregular passengers were found traveling in coach no. B4. Rs. 2760/- realized as fare and penalty from them. DRM/DLI had been advised to take action against defaulting staff.
- During a preventive checks conducted in Train no. 12401 on 15.11.2024, 10 irregular passengers were found traveling in coach no. A4, B1, B6, B7 and B8. Rs. 5845/- realized as fare and penalty from them. DRM/MB had been advised to take action against defaulting staff.
- During a preventive check conducted in Train no. 12138 on 16.11.2024, Rs. 5000/- was found as excess in Govt. cash of two TTE on duty. DRM/FZR had been advised to take action against defaulting staff.
- During a preventive check conducted in Train no. 12138 on 16.11.2024, 3 irregular passengers were found traveling in coach no. S6. Rs. 700/- realized as fare and penalty

from them. DRM/FZR had been advised to take action against defaulting staff.

- During a preventive check conducted in Train no. 12391 on 28.11.2024, 3 irregular passengers were found traveling in A-2 Coach. Rs. 4370/- realized as fare and penalty from them. DRM/MB had been advised to take action against defaulting staff.
- During a preventive check conducted in Train no. 12391 on 28.11.2024, 3 irregular passengers were found traveling in Pantry Car of Train. Rs. 12530/- realized as fare and penalty from them. DRM/UMB had been advised to take action against defaulting staff.
- During a preventive check conducted in Train no. 12557 on 29.11.2024, 19 unauthorised passengers were found traveling in Pantry Car of Train. Rs. 53960/- realized as fare and penalty from them. DRM/MB had been advised to take action against defaulting staff.
- During a preventive check conducted in Train no. 12237 on 11.12.2024, Rs. 10250/- was found excess in Govt. Cash of TTE on duty. Besides, Rs. 5450/- were found excess in Pvt. Cash of TTE on duty. DRM/UMB had been advised to take action against defaulting staff.
- During a preventive check conducted in Train no. 11449 on 11.12.2024, Rs. 1600/-, 2000/- and Rs. 700/- was found excess in Govt. cash of three TTEs on duty. Besides this 8 irregular passengers were found travelling in Coach No. S1, S2, and B5. Rs. 2875/- realized as fare and penalty from them. DRM/UMB had been advised to take action against defaulting staff.
- During a preventive check conducted in Train no. 22415 on 16.12.2024, 7 irregular passengers were found travelling in Coach No. C1, C3 and C6. Rs. 21870/- realized as fare and penalty from them. Besides this, two vendors were also found without medical certificate. Rs. 5740/- realized as fare and penalty from them. DRM/LKO had been advised to take action against defaulting staff.
- During a preventive check conducted in Train no. 12237 on 11.12.2024, Rs. 4600/- was found excess in Govt. Cash of TTE on duty. DRM/UMB had been advised to take action against defaulting staff.
- During a preventive check conducted in Train no. 12447 on 19.12.2024, Rs. 4050/- was found excess in Govt. Cash of TTE on duty. Besides, one irregular passenger was also found traveling in Coach No. B3 for which Rs. 1245/- realized as fare and penalty from him. DRM/DLI had been advised to take action against defaulting staff.
- During a preventive check conducted in Train no. 14888 on 21.12.2024, Rs. 1800/- was found excess in govt. cash of TTE on duty. Besides, 2 irregular passengers were found travelling in Coach No. A1. Rs. 2520/- were realized from them. DRM/UMB had been advised to take action against defaulting staff.
- During a preventive check conducted in Train no. 12926 on 21.12.2024, two panty staffs were found selling panty items without medical certificate. Rs. 4820/- were realized from them. DRM/DLI had been advised to take action against defaulting staff.
- During a preventive check conducted in Train no. 12919 on 21.12.2024, 2 irregular

passengers were found travelling in Coach No. A1. Rs. 2200/- were realized from them. DRM/FZR had been advised to take action against defaulting staff.

- During a preventive check conducted in Train no. 16318 on 24.12.2024, 3 irregular passengers were found travelling in Coach No. B4, S5 & S6. Rs. 1730/- realized as fare and penalty from them. DRM/UMB had been advised to take action against defaulting staff.
- During a preventive check conducted in Train no. 14632 on 25.12.2024, Rs. 3500/- were found excess in Govt. Cash of TTE on duty. DRM/MB had been advised to take action against defaulting staff.
- On arrival of Train No. 22413, preventive checks were conducted at TTE Lobby/HNZM on 14.01.2025, Rs. 2700/- were found excess in govt. cash of TTE of HNZM. DRM/DLI had been advised to take action against defaulting staff.
- During a preventive check conducted in Train no. 12014 on 16.01.2025, 6 irregular passengers were found traveling in K-1, C-10 and C-12 Coaches. Rs. 13830/- realized as fare and penalty from them. DRM/FZR had been advised to take action against defaulting staff.
- On arrival of Train No. 12229, preventive checks were conducted at CTI Lobby/NDLS on 05.02.2025, Rs. 570/- were found excess in govt. cash of TTE/BE. DRM/MB had been advised to take action against defaulting staff.
- During a preventive check conducted in Train no. 12557 on 12.02.2025, four without ticket passengers were found traveling in Pantry Car in connivance with Pantry Car Manager. An amount of Rs. 26280/- realized from them as fare and penalty. DRM/FZR had been advised to take action against defaulting staff.
- During a preventive check conducted in Train no. 12455 on 10.03.2025, four without ticket passengers were found traveling in Coach No. S5, B1, B2. An amount of Rs. 1905/- realized from them as fare and penalty. Besides Rs. 2770/- was found excess in govt. cash of TTE on duty. DRM/UMB had been advised to take action against defaulting staff.
- During a preventive check conducted in Train no. 12356 on 12.03.2025, Rs. 4200/-, Rs. 4900/- and Rs. 4730/- unaccounted/undeclared were found with possession of three TTEs on duty. DRM/FZR had been advised to take action against defaulting staff.
- During a preventive check conducted in Train no. 10905 on 16.03.2025, Rs. 8410/- was found excess in govt. cash of TTE on duty. DRM/FZR had been advised to take action against defaulting staff.
- During a preventive check conducted in Train no. 14041 on 16.03.2025, Rs. 1020/- was found excess in govt. cash of TTE on duty. DRM/MB had been advised to take action against defaulting staff.

(iv) Detection of irregularity in Goods Office

- A joint preventive check was conducted by NR vigilance in association with NFR vigilance at Goods Office/AZA station of NFR on 27.05.2024. Three Goods trains booked from

DKZ to AZA were checked during their unloading at AZA station. During the check, misdeclaration of commodities was found in 19 wagons. Undercharges were collected for this irregularity as per extant policy guidelines. Total amount of ₹ 732000/- got realised on account of misdeclaration of commodities from these three Goods Train. . DRM/DLI had been advised to take D&AR action against defaulting staff.

- During a preventive check conducted in the Goods Siding of MB on 01/08/2024, it was found that the Goods Clerk was responsible for showing the removal of goods from the Goods Siding at MB without physically verifying the items. This resulted in wharfage charges amounting to Rs. 46,950/- has been raised against the companies. The DRM/ MB had been advised to take appropriate action against the staff involved in this lapse.
- During a preventive check conducted in the Goods Siding of GZB on 10/08/2024, it was found that the Goods Clerk was responsible for showing the removal of goods from the Goods Siding at GZB without physically verifying the items. This resulted in wharfage charges amounting to Rs. 84,000/- has been realized from the companies. The DRM/MB had been advised to take appropriate action against the staff involved in this lapse.
- During a preventive check conducted in the Goods Siding of UDM on 09/10/2024, it was found that the Goods staff/MCTM was responsible for showing the removal of goods from the Goods Siding at UDM without physically verifying the items. This resulted in wharfage charges amounting to Rs. 83,400/- has been raised against the companies. The DRM/ MB had been advised to take appropriate action against the staff involved in this lapse.

(v) Detection of irregularity in Booking Office

- During a preventive check conducted in Booking Office/DUI on 30/03/2024, Rs. 1128/- and 555/- were found excess in private. cash of two Booking staff. DRM/UMB had been advised for taking DAR action against the defaulting staff.
- During preventive check conducted in Booking Office/UMB on 31/03/2024, Rs. 440/- was found short in government cash of Booking staff. DRM/UMB had been advised for taking DAR action against defaulting staff.
- During preventive check conducted in Booking Office/NDLS on 13/04/2024, it was found that a booking clerk was conniving with an outsider to pass his ill-gotten money from his UTS counters while on duty. Rs. 7600/- were recovered from a private person. Besides Rs. 340/- were also found short in his government cash. DRM/DLI had been advised for taking DAR action against defaulting staff.
- During another preventive check conducted in Booking Office/NDLS on 13/04/2024, it was found that a booking clerk connived with an outsider to pass his ill-gotten money from his UTS counters while on duty. Rs. 11500/- were recovered from private person. Besides Rs. 80/- was also found excess in his Govt. cash. DRM/DLI had been advised for taking DAR action against defaulting staff.
- During a preventive check conducted in Booking Office/DLI on 14/05/2024, Rs. 1700/- was found excess in private cash of on duty Booking staff. DRM/DLI had been advised for taking DAR action against defaulting staff.

- During a preventive check conducted in Reservation office/MTC on 18/05/2024, Rs. 10865/- was found short in government cash of on duty Reservation staff. Besides, 2 live Tatkal tickets were also found on the counter manned by above said Reservation staff. DRM/DLI had been advised for taking DAR action against the defaulting staff.
- During a preventive check conducted in Booking Office/LDH on 02/06/2024, Rs. 5000/- was found excess in private cash of on duty Booking staff. DRM/FZR had been advised for taking DAR action against defaulting staff.
- During a preventive check conducted in Booking Office/LDH on 02/06/2024, Rs. 1000/- was found excess in private cash and Rs. 185/- was found excess in Govt. Cash of on duty Booking staff. DRM/FZR had been advised for taking DAR action against defaulting staff.
- During a preventive check conducted in Booking Office/LDH on 02/06/2024, Booking clerk was found responsible for booking ticket for himself on duty pass in non-entitled class. DRM/FZR had been advised for taking DAR action against defaulting staff.
- During a preventive check conducted at Booking Office/UMB on 13.08.2024, Rs. 3000/- was found excess in Pvt. Cash of Booking Staff on duty. DRM/UMB had been advised to take action against defaulting staff.
- During a preventive check conducted at Booking Office/UMB on 14.08.2024, Rs. 2860/- was found excess in Pvt. Cash of Booking Staff on duty. DRM/UMB had been advised to take action against defaulting staff.
- During a preventive check conducted at Booking Office/UMB on 14.08.2024, Rs. 745/- was found excess in Govt. Cash and Rs. 3500/- was found excess in Pvt. Cash of Booking Staff on duty. DRM/UMB had been advised to take action against defaulting staff.
- During a preventive check conducted at Booking Office/TKD on 15.08.2024, Rs. 1284/- was found excess in Govt. Cash of Booking Staff on duty. DRM/DLI had been advised to take DAR action against defaulting staff.
- During a preventive check conducted at Booking Office/ANVT on 15.08.2024, Rs. 2172/- was found excess in Govt. Cash of Booking Staff on duty. DRM/DLI had been advised to take DAR action against defaulting staff.
- During a preventive check conducted at Booking Office/NDLS on 14.09.2024, Rs. 1170/- was found excess in govt. cash of Booking Staff on duty. DRM/DLI had been advised to take action against defaulting staff.
- During a preventive check conducted at Booking Office/NDLS on 14.09.2024, Rs. 630/- was found excess in govt. cash of Booking Staff on duty. DRM/DLI had been advised to take action against defaulting staff.
- During a preventive check conducted at Booking Office/NDLS on 14.09.2024, Rs. 3010/- was found excess in govt. cash of Booking Staff on duty. DRM/DLI had been advised to take action against defaulting staff.
- During another preventive check conducted at Reservation Office Office/Anand Vihar on

16/09/2024, Rs. 800/- was found excess in govt. cash of Booking Staff on duty. DRM/DLI had been advised to take action against defaulting staff.

- During a preventive check conducted at Booking Office/ANVT on 04.10.2024, Rs. 290/- and Rs. 460/- were found excess in govt. cash of two Booking Staff on duty. Besides, Rs. 4000/- was found unclaimed in Booking Office. DRM/DLI had been advised to take action against defaulting staff.
- During a preventive check conducted at Booking Office/DLI on 06.10.2024, Rs. 370/- was found excess in govt. cash of Booking Staff on duty. DRM/DLI had been advised to take action against defaulting staff.
- During a preventive check conducted at Booking Office/ANVT on 18.10.2024, Rs. 7750/- was found unclaimed/unaccounted in Booking Office. DRM/DLI had been advised to take action against defaulting staff.
- During a preventive check conducted at Booking Office/UMB on 11.10.2024, Rs. 640/- was found excess in govt. cash of booking staff on duty. DRM/UMB had been advised to take action against defaulting staff.
- During a preventive check conducted at Booking Office/DLI on 23.10.2024, Rs. 240/- was found excess in govt. cash of booking staff on duty. DRM/DLI had been advised to take action against defaulting staff.
- During a preventive check conducted at Booking Office/DLI on 23.10.2024, Rs. 65/- was found short in Govt. Cash of booking staff on duty. Besides, Rs. 800/- was also found unclaimed/unaccounted him. DRM/DLI had been advised to take action against defaulting staff.
- During preventive checks conducted at Booking Office/ANVT on 17.11.2024, Rs. 640/- was found short in govt. cash of Booking Staff on duty. Besides, Rs. 2265/- was found excess in govt. cash of other Booking Staff on duty. DRM/DLI had been advised to take action against defaulting staff.
- During a preventive check conducted at Booking Office/NDLS on 15.11.2024, Rs.190/- was found excess in govt. cash of Booking Staff on duty. DRM/DLI had been advised to take action against defaulting staff.
- During preventive checks conducted at Booking Office/ANVT on 20.03.2025 Rs. 10,000/- was found short in govt. cash of CBS/ANVT. DRM/MB had been advised to take DAR action against defaulting staff.

(vi) Detection of irregularity in Reservation Office

- During a preventive check conducted in Reservation office/PRGN/Greater Noida on 27/04/2024, Rs. 3730/- was found short in government cash of on duty Reservation staff. Besides, one Tatkal ticket amounting to Rs. 3660/-was also found on the counter manned by above said Reservation staff. DRM/DLI had been advised for taking DAR action against the defaulting staff.
- During a preventive check conducted in Reservation office/MUT on 01/05/2024, Rs.

785/- was found short in government cash of on duty Reservation staff. DRM/DLI had been advised for taking DAR action against the defaulting staff.

- During a preventive check conducted in Reservation office/MTC on 18/05/2024, Rs. 10865/- was found short in government cash of on duty Reservation staff. Besides, 2 live Tatkal tickets were also found on the counter manned by above said Reservation staff. DRM/DLI had been advised for taking DAR action against the defaulting staff.
- Based upon system analysis through PRIMES, it was observed that non rail-head PRS situated at Pulwama & Kupwara are generating tatkal tickets for distant journey originating stations like GKP, GD, BST, LJN to Mumbai & vice-versa.

  Checks in this regard were conducted at remote locations like Pulwama and Kupwara DC offices on date 08.06.2024, in coordination with the local CID police.

  The investigation uncovered massive collusion between the contractual reservation staff and travel agents, facilitated through exclusive WhatsApp groups where numerous agents participated

  Approx 200 tickets were seized during the check, including those dates where journey was already over.

  At PRS Pulwama 8 live tatkal tickets for journey dated 08&09.06.2024 were recovered and at PRS Kupwara 6 live tatkal tickets were recovered from the possession of on duty staff. Additionally 172 original tatkal tickets of past dates were recovered from PRS Pulwama and 01 from PRS Kupwara.

  Suspecting the use of fake stationery, as it was impossible for the tickets to reach the starting station, another team was assigned to verify the genuineness of tickets on train with those passengers who had booked Tatkal tickets from these locations. The investigation revealed that the original ticket were never handed over to the passengers and that the passengers were either travelling without ticket or were in possession of counterfeit tickets.

  Both the PRS staff working at Pulwama & Kupwara accepted that they are issuing such tickets on demand of agents. Getting passengers details on WhatsApp and payment of those tickets in their bank account. They are contractual staff of respective DC offices at Pulwama and Kupwara.

  During the check ₹25000 & 24000 were found short in government cash at Pulwama & Kupwara respectively.

  In order to find out more about the stationery a team of NR Vigilance inspectors, deployed a decoy passenger to GD, BST, and GKP to gather insights from travel agents and passengers who possessed duplicate tickets printed on forged stationery

  During the check on train no 22537 on date 08.06.2024 between BST-CNB, four such duplicate tickets were found with passengers, resulting in a recovery of Rs. 21,000 in railway revenue.

DRM/FZR had been advised for taking action against defaulting staff.

- During a preventive check conducted in Reservation office/NRS on 21/06/2024, Rs. 18095/- was found short in government cash of on duty Reservation staff. Besides, 5 Tatkal ticket amounting to Rs. 24995/-was also found on the counter manned by above said Reservation staff. A private person, relative of CBS/NGG was also found working at PRS for generating tatkal tickets, who was handed over to RPF for further necessary action.

  DRM/MB had been advised for taking DAR action against the defaulting staff.

- During another preventive check conducted at Reservation Office Office/Anand Vihar on 16/09/2024, Rs. 800/- was found excess in govt. cash of Booking Staff on duty. DRM/DLI had been advised to take action against defaulting staff.
- During a preventive check conducted at Reservation Office/NDLS on 25/12/2024, 1 tout was found with 3 PRS tickets amounting of Rs. 21650/-. DRM/DLI had been advised to take action against defaulting staff.
- During preventive checks conducted at Reservation Booking Office/BLM on 01.02.2025, Rs. 5000/- was found excess in pvt. cash of Staff on duty. Besides two tatkal tickets detected amounting to Rs. 20560/- was also detected from his counter. DRM/MB had been advised to take DAR action against defaulting staff.
- During preventive checks conducted at Reservation Booking Office/NM on 01.02.2025, Rs. 9650/- was found excess in pvt. cash of Staff on duty. Besides two tatkal tickets detected amounting to Rs. 10410/- were also detected from his counter. DRM/MB had been advised to take DAR action against defaulting staff.
- During preventive checks conducted at Reservation Office/SPN on 11.02.2025, five unclaimed tatkal tickets detected amounting to Rs. 17130/- were detected from counter of staff on duty. DRM/MB had been advised to take DAR action against defaulting staff.
- During another preventive checks conducted at Reservation Office/SPN on 11.02.2025, Rs. 280/- was found excess in govt. cash of Staff on duty. Besides one unclaimed tatkal ticket amounting to Rs. 7720/- was also detected from his counter. DRM/MB had been advised to take action against defaulting staff.
- During preventive checks conducted at Reservation Office/DTU on 11.03.2025, Rs. 12885/- was found excess in govt. cash of Staff on duty. Besides two unclaimed PRS tickets amounting to Rs. 7510/- and one blank ticket were also detected from his counter. DRM/DLI had been advised to take DAR action against defaulting staff.

(vii) Detection of irregularity in implementation of Penalty

- During a preventive check conducted at Personnel Branch of DRM Office/DLI on 01/05/2024, OS/Personnel of Delhi Division was found responsible for Non implementation of NIP against several commercial staff of Delhi Division. DRM/Delhi had been advised to take D&AR action against defaulting staff.

Store, S&T, Mechanical Etc.

Decoy Check

- Northern Railway Vigilance Office received credible information from a scrap purchaser alleging that a Senior Section Engineer (SSE) from Budgam DEMU Shed was demanding a bribe in exchange for delivering scrap material sold through e-Auction. Acting swiftly, the Northern Railway Vigilance Team discreetly verified the information.

  A decoy was successfully laid, and the SSE was caught while accepting the bribe of Rs 29000/- from the purchaser. DRM/JAT had been advised to take D&AR action against defaulting staff.

- **Detection of Railway Service Conduct Rule violations**

➢ A complaint against a railway OS was lodged alleging that he violated railway regulations by concurrently working as a boxing coach at a College within Delhi University, receiving a salary for this coaching role. The investigation confirmed that the CO had indeed received a salary as a boxing coach at the college without permission. As a result, it was recommended that the CO be subject to a Major Penalty for the violations related to his coaching activities at the Delhi University College.

➢ During investigation of a complaint against a Tech-I Mech in DSL/Shed/SSB, for engaging in the business of supplying manpower alongside his government job was substantiated. The complainant provided evidence, including payment records and communications, to support the allegations. The CO admitted to having contracts with private companies for supplying manpower, receiving commissions ranging from 2% to 5%. He had been earning up to Rs. 6000 per month through this activity since 2018. He acknowledged his lack of awareness regarding railway conduct rules that prohibit such outside employment. As a result, a Major Penalty action recommended against him.

- **Detection of irregularities in delivery of scrap through e-auction**

  A preventive check was conducted at store depot JAGADHARI WORKSHOP on 28.08.2023 regarding the delivery of scrap through e-auction. When the vigilance team entered in depot, the weights of the trucks were already recorded by delivery team. In the presence of vigilance team the weights of the trucks were again recorded at the 40 MT & 100 MT weighbridge inside stores depot to cross check the weights. The weight of trucks was again verified at outside weighbridge (Non Railway)

  It was found that the weight was 7.5 MT, 2.5 MT extra as compared with depot weighbridge in two of three trucks. This indicated selective manipulation of weight in scrap delivery. Hence, another check was conducted on 01.09.2023, in association with the independent inspection/ testing agencies, suggested by weight and measurement department, in the presence of all concerned parties. During check load cell connecting wire in the 40 MT weighbridge and 100 MT weighbridge was found tempered at store depot, Jagadhari Workshop. A small external device/chip was also found at the wire connected to the load cell inside both weighbridge control rooms. The case is very grave in nature and many Railway officials without side agencies may be involved. Hence case was handed over to

CBI with the approval of General Manager/NR for further investigation.

- **CEA Claimed by Both Husband and Wife Serving in Different Organizations**

  Information was received that a railway employee was claiming Children Education Allowance (CEA) in the railway department, while his wife, employed as a teacher with the state government, was also claiming the same allowance by submitting false declarations that it was not being claimed by their respective spouses.

  During the investigation, data related to the payments made to the railway employee was collected from the relevant division. Additionally, the school authorities, where his wife was employed as a teacher, were requested to provide the details of the CEA claims made by her. The records were then cross-verified to establish the facts. It was found that both the husband (a railway employee) and his wife (a school teacher) had been claiming CEA by submitting false declarations/undertakings from 2015 to 2020-21.

  It was also discovered that the wife had claimed CEA for their third child, which was not permissible under the rules, as CEA can only be claimed for the two eldest surviving children by either the husband or the wife, but not both.

  During the investigation, the wife, who works as a PGT/Teacher, reimbursed Rs. 1,60,926/- that she had wrongfully claimed for their third child.

  The case was forwarded to the Deputy Director of Education and the Director of Education for appropriate action and to ensure the recovery of any further amounts if due. As a result, a major penalty was recommended. Additionally, the recovery of Rs. 18,000/-, claimed by the railway employee for CEA in the year 2015-16, which was not due to him, was advised.

  A charge sheet (SF-5) has been issued against the charged officer (CO), and an inquiry officer has been appointed. The final report (NIP) is still awaited.

- **Irregularities in Sick/Fit Certificates Issued by CMP**

During investigation of case is was noticed that :

- Issue of sick certificates in abnormally large numbers were observed at on health unit. Average around 80 sick certificates per month at health unit, which is one of the highest over NR.
- Contract Medical Practitioners (CMPs) can issue sick/fit certificates only up to 7 days; beyond that, countersignature by IRHS Medical Officer is mandatory.
- CMP violated these norms in numerous cases in HMIS by issuing sick/fit certificates beyond 7 days without required countersignatures.
- CMP could not justify this irregular practice in his statement.
- Action Taken:
  - CMP's contract not renewed post 15.02.2025 (working since 26.06.2012)
  - Permanent doctor is now deputed from a Divisional Hospital to Health Unit on weekly basis.

– Instructions issued to all CMPs over Northern Railway.

– Issue of sick certificates per month at health unit have reduced to around 40 as of now from the earlier around 80.

– suggested to include a check in HMIS itself to enforce the guidelines

SYSTEM IMPROVEMENTS

- During investigation of a complaint received from the Contractor/Supplier regarding under payment against supply of Toners/Cartridges, it was revealed that a complaint was lodged because the consignor did not receive updated information about the bill. Currently, there is no provision in GeM for notifying the consignee and consignor if the bill fails to be processed for any reason. Given this situation, the only way for theContractor/ Supplier to proceed is by resending the bill copy to the consignee for further processing. This issue could be prevented if GeM portal had a feature to send bill updates through appropriate communication channels.

  In view of the above, it order to plug this systemic lacunae, following system improvement is suggested to Pr. FA/NR:

1. GeM authorities may be approached with a request to update the facility for sending the messages at the registered mobile Nos. and GeM ID of Consignee, Stores Officer and Contractor/Supplier when Accounts Department returns the GeM bills online. This update would facilitate prompt action upon bill return. Additionally, this information should be prominently displayed at the top of the Consignee and Stores Officers' GeM IDs as a "POPUP" notification upon login.

2. Until the GeM portal incorporates the aforementioned feature, it is requested that in such cases a correspondence is sent by Accounts Department to the consignee and Stores Depart ment along with the returned GeM bill via the portal, outlining the objections in the proposal. This if implemented is likely to improve customer satisfaction and minimize unwarranted complaints in such instances.

- In a vigilance investigation case, It was observed that test report was sought in specification of winter jacket to be provided to the purchaser of the product sample from NABL certified lab in support of his claim of quality as per specification, but there is ambiguity in the specification regarding the stage at which the lab report needs to be submitted by the manufacturer (pre-tendering, during bidding, or during inspection). In regard to above, following system improvement is issued:

➢ In tender cases where test report is sought from Manufacturer/supplier/bidder in support of their claim of quality as per specification, in such cases the stage at which the lab report needs to be submitted by the Manufacturer/supplier/bidder i.e, pre-tendering, during bidding or during inspection shall be categorically made clear in bid document. If the test report is required for decision-making during the tender, then summarily rejection clause should be incorporated in bid document.

➢ Further during above investigation, vigilance has found that different purchase orders were issued by different divisions of Northern Railway for procurement of the same item

against the same specification with varying inspection clauses such as GCTC/Visual inspection. In regard to above, following system improvement is issued:

- Whenever winter jacket or employee protective items are being processed for procurement with third party inspection, the bid shall categorically state the inspection clause as under:
- "Inspection by TPI (on IREPS)/RITES (On GeM). Offer of the bidders with deviation in inspection clause shall be summarily rejected without any back reference."

System improvement was implemented vide E-S Misc/Vig/COP/Winter Jacket/HQ/2023 dated 13.05.2024.

- During a Preventive Check on the tendering process of catering stall, it was found that the NIT was floated without mentioning the area and location of the catering stall. When investigated for the reason thereof, it was noticed that the catering policy of 2017 dated 27.02.2017 which governs all catering contracts under Indian Railways, lacked any such clause. Therefore it was suggested that the NITs should carry the aspect of location and size of the catering staff and that the catering policy of 2017 should be amended to include these provisions.

  Implementation of this system improvement is likely to minimise the likelihood of potential manipulation at various stages of the tendering process that may have arisen due to omission of this clause. These provisions will significantly impact product sales, will attract best bidders and ensure competitive pricing

  NR Vigilance vide letter no. VIG/V1/PC/2022/06/00988/UMB dated 10.07.2024 addressed to PCCM/NR suggested this system improvement.

  This suggestion made by NR has been accepted by Railway Board and letter in this regard for inclusion of Site plan and stall size specification in Notice inviting tender (NIT) has been issued on 12.08.2024 with the approval of MOBD.

- During train checks it was found that a passenger booked in 3A, as an escort to a cancer patient, was travelling without the cancer patient undertaking the travel, thereby fraudulently availing cancer quota as well as concession.

  Investigation revealed many flaws in the Cancer Concession policy. The policy did not mention the earmarked hospitals who could issue cancer concession, the requirement of any supporting documents to be given at the time of booking was not laid down, submission of any ID was not mandated at the time of booking- making checks futile on the issue of imposters misusing the quota.

  In pursuance of observations made by NR vigilance, the following recommendations have been suggested to Pr.CCM/NR for system improvement:

- Zonal Railway should be mandated to maintain a list of hospitals where treatment of cancer is available.
- Such hospitals should also provide the name and designation of the doctor/administrator who would be issuing the cancer certificate.

- Data gathered by the Zonal Railway should be made available to CRIS, who would then upload it in the PRS and at the time of availing concession.
- Tickets should only be issued to passengers availing cancer certificates from the approved uploaded hospitals.
- An I-Card should be issued by hospitals to patients, containing details of Aadhaar, photograph and a registered mobile number. This I-Card should be essential at PRS counters during the reservation process.
- Introduction of OTP based reservations linked to AADHAR for patient bearing cancer concession certificates may also be thought of.
- The I-Card should be presented to the checking staff on the train during the journey.

• During a preventive check, it was observed that the Schedule of Rates & Quantities did not include a separate rate for the AMC in the work of supply, installation, testing, and commissioning of a solar PV module system at LC gates with an Annual Maintenance Contract (AMC) for three years following a one-year warranty period.

The following system improvement were suggested and implemented :

• For projects requiring an AMC after installation and commissioning, a separate work plan should be created. This plan should detail the quantities of items and their respective rates, with clear indications of rates for subsequent years.

• A specific penalty clause related to the AMC should be incorporated.

• **System Improvement implemented on the false ceiling to use standard drawing and specification (CE//P&D/NR vide letter no. DOE/IR/USSOR-2021-2023 dated 22.01.2025).**

- **Specification available in the contract agreement for execution of the false ceiling i.e.** "Providing cast in situ plaster of Paris ornament/designer false ceiling/false column laid over chicken mesh of superior quality fixed on G.I. performed pressed metal sheet and frame of section 2'1" c/c interlocking making hanging arrangement from RCC/jack arch roof with superior quality desh fasteners, cutting of making recess for CFL lights and tube lights including making all shapers of caving moulding and offset including preparation of architectural drawing from qualified Architect/interior designer, chicken mesh shall be fixed with steel screws & washers etc. POP shall be laid over in this frame in two stages i.e. first stage for kucha and second stage in final finish shape including all labour and Materials, taxes as complete job'.
- **Vigilance view**: But false ceiling was supported through the hangers with the help of plastic Gitti to the RCC roof instead of with Dash fasteners and no drawings were available showing the detailing of the false ceiling and its support system.

System improvement was issued and implemented that the execution of false ceiling shall only be carried out after approval of design, drawing and method statement for installation, support system and anchorage of false ceiling work by concerned Sr.DEN, Dy.CE/Const. or Dy.CE/GSU and also as far as possible existing items of DSR shall

be adopted instead of introducing a Non Schedule item in the contract for false ceiling works.

- A case was investigated by Vigilance/NR in one of the division in which it was observed that the date of test check was not mentioned in online e-measurement book on IRWCMS.

  A test check by concerned officials is mandatory to verify the accuracy of the measurements. The absence of the test check date raises questions on the authenticity and validation of the recorded data.

  In this case, it was observed that it was not possible to verify the movement of concerned officials with test check date of measurements. Additionally, it could not be verified whether the officials had conducted the physical test check or not. if the officials conducted the physical test check, they should record the date of the test check in the e-MB on IRWCMS. This would allow verification of their movement based on the test check date and the claimed travelling allowance for that section.

  A system improvement was recommended to enter the date and location of test check in remarks column of e-Measurement book in IRWCMS.

  Therefore, System improvement had been implemented vide PCSTE/NR's letter no. E-123/Sig/G dated 22.05.2024.

CENTRAL PLANNING CELL

1.4.1 About the Department

Central Planning Cell conducts work studies of various departments over Northern Railway with a view to effect savings in expenditure through reduction in manpower. Work Studies are also conducted to improve and modify the system.

Central Planning Cell conducts work studies of various departments over Northern Railway with a view to effect savings in expenditure through reduction in manpower. Work Studies are also conducted to improve and modify the system. The Central Planning Cell has achieved a distinction of outstanding performance during the year 2024-25. As a result of which 23 no. of work studies were conducted during this period and a total surrender/redistribution of 775 posts of various categories of staff were achieved with a monetary savings of 42.62 crores.

The Central Planning Cell also conducts Management Development Programmes for Senior Supervisors/Sr. Group 'C' staff of all Departments. The Management Development Programme was first time introduced on N.Rly. in Aug 1985. It is a five day programme and is conducted at various locations like Lucknow, Shimla, Dharampur, Mussoorie, Delhi etc. for ease of participants. During the course, senior officers of the rank of HAG/SAG/JAG deliver lectures and interact with the participants. The topics covered in MDP enhance the managerial skill, develop positive attitude and helps to improve manpower productivity as well as updating the knowledge of participants. At the end of this programme, there is provision for obtaining written feedback from participants on the topic covered, quality of lectures and suggestions for making the course more useful. In the FY 2024-25, total 08 MDP's were conducted and 316 participants of different departments had attended this programme.

1.4.3 Yearly Performance of Central Planning Cell

SN.	Item No.	Target for 24-25	Performance					Best Ever	
			20-21	21-22	22-23	23-24	24-25	Figure	Year
1	No. of work studies	20	26	26	30	22	23	30	2022-23
2	Vetted saving (in crore)	-	63.12	90.14	78.96	63.16	42.62	90.14	2021-22
3	Manpower surrender (in nos)	-	1951	2026	2036	1381	775	2036	2022-23
4	MDP conducted (in nos)	8	8	8	8	8	8	8	2024-25
5	No. of supervisors trained	320	354	361	381	344	316	381	2022-23

राजभाषा की प्रगति

उत्तर रेलवे ने सरकारी कामकाज में सभी स्तरों पर राजभाषा हिंदी की उत्तरोत्तर प्रगति के लिए सतत प्रयास किए हैं। परिणामस्वरूप, उत्तर रेलवे पर राजभाषा के प्रयोग में अत्यधिक प्रगति हुई है। वर्ष 2024-25 के दौरान राजभाषा विभाग, गृह मंत्रालय, भारत सरकार द्वारा निर्धारित लक्ष्य प्राप्त करने के हर संभव प्रयास किए गए। हिंदी में कार्य करने हेतु महाप्रबंधक महोदय द्वारा प्रधान कार्यालय के सभी अधिकारियों/कर्मचारियों को व्यक्तिशः आदेश जारी किए गए।

विभिन्न क्षेत्रों में राजभाषा के प्रगामी प्रयोग की स्थिति इस प्रकार है:

अनुवाद एवं प्रकाशन

राजभाषा विभाग द्वारा वर्ष के दौरान, महाप्रबंधक की निरीक्षण रिपोर्ट, वार्षिक रिपोर्ट, सभी विभागों के कागजात, जेड.आर.यू.सी.सी बैठकों की कार्यसूची/कार्यवृत्त, पीसीडीओ जैसे नेमी प्रकार के अनुवाद तथा सतर्कता बुलेटिन, प्रशस्ति-पत्र, प्रेस विज्ञप्तियां, निविदा सूचनाओं का अनुवाद परिचालन विभाग के रोलिंग ब्लॉक प्रोग्राम (चैप्टर-22) का अनुवाद जी एंड एसआर पुस्तक के संशोधन पर्ची 209 का अनुवाद, आरपीएफ और चिकित्सा विभाग से प्राप्त अनुवाद किए गए।

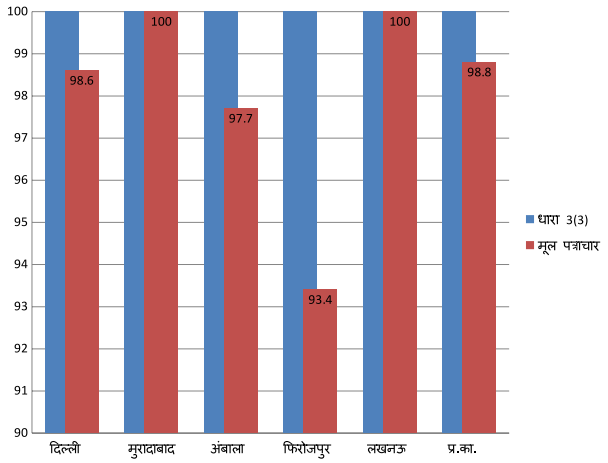
वर्ष 2024-25 के दौरान राजभाषा विभाग, उत्तर रेलवे द्वारा प्रधान कार्यालय से 'सरस्वती संगम', लखनऊ मंडल से 'सारंग' व मुरादाबाद मंडल से 'अभिव्यक्ति' नामक पत्रिकाओं का प्रकाशन किया गया।

राजभाषा अधिनियम, 1963 की धारा 3(3)

राजभाषा अधिनियम, 1963 की धारा 3(3) के अनुपालन में उत्तर रेलवे पर सामान्य आदेश, परिपत्र, कार्यालय आदेश, अधिसूचनाएं, प्रेस विज्ञप्तियां, संविदाएं, करार, लाइसेंस, परमिट, टेंडर के फार्म और नोटिस, संकल्प, नियम, संसद के एक या दोनों सदनों में प्रस्तुत सरकारी कागज-पत्र (रिपोर्ट के अलावा), संसद के एक या दोनों सदनों में प्रस्तुत प्रशासनिक और अन्य रिपोर्ट हिंदी व अंग्रेजी में जारी की गईं।

हिंदी में मूल पत्राचार

वर्ष 2023-24 में उत्तर रेलवे पर मूल पत्राचार 98.08 प्रतिशत रहा। राजभाषा अधिनियम-1963 की धारा 3 (3) और मूल पत्राचार की स्थिति निम्न चार्ट में दर्शाई गई है :



स्टेशन संचालन नियम

उत्तर रेलवे पर सभी 748 स्टेशन संचालन नियम द्विभाषी हैं।

कोड/नियमावली

उत्तर रेलवे पर प्रयोग में लाई जा रहे सभी 56 कोड/नियमावली द्विभाषी हैं।

राजभाषा कार्यान्वयन समितियां

उत्तर रेलवे पर कुल 108 राजभाषा कार्यान्वयन समितियां गठित हैं। इनकी प्रत्येक तिमाही में बैठक आयोजित की जाती है तथा बैठकों में रेल कार्यालयों में राजभाषा प्रगति की स्थिति की समीक्षा की जाती है और प्राप्त सुझावों को कार्यान्वित किया जाता है।

हिंदी पुस्तकालय व वाचनालय

उत्तर रेलवे पर कुल 90 हिंदी पुस्तकालय व वाचनालय हैं। इन पुस्तकालयों का संचालन सुचारु रूप से चल रहा है।

हिंदी कार्यशालाओं का आयोजन

वर्ष 2024-25 के दौरान उत्तर रेलवे पर कुल 132 हिंदी कार्यशालाओं का आयोजन किया गया जिसमें 2902 अधिकारियों/कर्मचारियों को प्रशिक्षण प्रदान किया गया।

राजभाषा पखवाड़ा

उत्तर रेलवे प्रधान कार्यालय में दिनांक 02.09.2024 से 12.09.2024 तक राजभाषा पखवाड़ा का आयोजन किया गया। दिनांक 02.09.2024 को हिंदी निबंध प्रतियोगिता तथा 03.09.2024 हिंदी टिप्पण एवं प्रारूप लेखन प्रतियोगिता, दिनांक 04.09.2024 को हिंदी वाक् प्रतियोगिता, दिनांक 05.09.2024 को कर्मचारियों की हिंदी प्रश्नोत्तरी प्रतियोगिता, दिनांक 06.09.2024 को कर्मचारियों की हिंदी प्रश्नोत्तरी प्रतियोगिता, दिनांक 09.09.2024 को हिंदी तकनीकी गोष्ठी, दिनांक 11.09.2024 को हिंदी कार्यशाला का आयोजन किया गया। दिनांक 12.09.2024 को महाप्रबंधक महोदय की अध्यक्षता में उत्तर रेलवे क्षेत्रीय राजभाषा कार्यान्वयन समिति की बैठक आयोजित की गई। बैठक से पूर्व राजभाषा में उत्कृष्ट कार्य करने वाले कुल 50 अधिकारियों/कर्मचारियों को **महाप्रबंधक राजभाषा पुरस्कार** से सम्मानित किया गया। दिनांक 13.09.2024 को महाप्रबंधक का हिंदी दिवस संदेश ऑनलाइन जारी किया गया।



श्री शोभन चौधुरी, तत्कालीन महाप्रबंधक, उत्तर रेलवे क्षेत्रीय राजभाषा कार्यान्वयन समिति की दिनांक 12-09-2024 को प्रधान कार्यालय में आयोजित बैठक को संबोधित करते हुए।



श्री शोभन चौधुरी, तत्कालीन महाप्रबंधक, उत्तर रेलवे क्षेत्रीय राजभाषा कार्यान्वयन समिति की दिनांक 12-09-2024 को आयोजित बैठक में पुरस्कार वितरण करते हुए।

इसी प्रकार उत्तर रेलवे के सभी मंडलों, कारखानों, मंडलेतर कार्यालयों एवं निर्माण कार्यालय द्वारा भी सितंबर, 2024 माह में राजभाषा पखवाड़ा का उत्साहपूर्वक आयोजन किया गया.



दिनांक 20.03.2025 को रेलवे बोर्ड राजभाषा कार्यान्वयन समिति की बैठक में उत्तर रेलवे को 2023 के दौरान हिंदी में उत्कृष्ट कार्य करने के लिए द्वितीय पुरस्कार के रूप में रेल मंत्री राजभाषा शील्ड प्रदान की गई।



श्री अशोक कुमार वर्मा, महाप्रबंधक, उत्तर रेलवे क्षेत्रीय राजभाषा कार्यान्वयन समिति की दिनांक 03.02.2025 को आयोजित बैठक को संबोधित करते हुए।

उपलब्धियां

- महाप्रबंधक महोदय की अध्यक्षता में दिनांक 28.06.2024, 12.09.2024, 16.12.2024 एवं 03.02.2025 को उत्तर रेलवे क्षेत्रीय राजभाषा कार्यान्वयन समिति की बैठक आयोजित की गई।
- उप महाप्रबंधक/राजभाषा ने दिनांक 13.05.2024 को प्रधान कार्यालय की चिकित्सा शाखा, दिनांक 22.05.2024 को केन्द्रीय चिकित्सालय एवं दिनांक 31.05.2024 को कुरुक्षेत्र स्टेशन तथा वहाँ स्थित हिंदी पुस्तकालय का निरीक्षण किया एवं पाई गई कमियों को दूर करने हेतु निर्देश भी दिए।
- उप महाप्रबंधक / राजभाषा की अध्यक्षता में प्रधान कार्यालय में दिनांक 05.07.2024 को हिंदी संपर्क अधिकारियों की बैठक, दिनांक 11.07.2024 को कैंसर को जानो-पहचानो विषय पर तकनीकी गोष्ठी, दिनांक 16.07.2024 को क्षेत्रीय स्तर पर हिंदी निबंध, दिनांक 18.07.2024 को क्षेत्रीय स्तर पर हिंदी टिप्पण एवं प्रारूप लेखन और दिनांक 24.07.2024 को क्षेत्रीय हिंदी वाक् प्रतियोगिता का आयोजन किया गया। दिनांक 26.07.2024 को उत्तर रेलवे के विभिन्न पुस्तकालयाध्यक्षों हेतु कार्यशाला का आयोजन किया गया।
- उप महाप्रबंधक / राजभाषा ने दिनांक 29.07.2024 को नगर राजभाषा कार्यान्वयन समिति की बैठक में ऑनलाइन सहभागिता भी की।
- उप महाप्रबंधक / राजभाषा ने दिनांक 13.08.2024 को प्रधान कार्यालय के यांत्रिक विभाग एवं दिनांक 14.08.2024 को मंडल कार्यालय अंबाला एवं वहाँ स्थित हिंदी पुस्तकालय का निरीक्षण किया।



दिनांक 24.07.2024 को प्रधान कार्यालय में क्षेत्रीय स्तर पर आयोजित हिंदी वाक् प्रतियोगिता का एक दृश्य।



दिनांक 24.07.2024 को प्रधान कार्यालय में अधिकारियों के लिए आयोजित हिंदी प्रश्नोत्तरी प्रतियोगिता का एक दृश्य।

- दिनांक 13.09.2024 को सत्य निष्ठा की संस्कृति से राष्ट्र की समृद्धि विषय पर विशेष हिंदी निबंध प्रतियोगिता आयोजन किया गया। स्वच्छता पखवाड़े के दौरान दिनांक 24.09.2024 को स्वभाव स्वच्छता-संस्कार स्वच्छता विषय पर हिंदी वाक् प्रतियोगिता का भी आयोजन किया गया।
- उप महाप्रबंधक / राजभाषा की अध्यक्षता में दिनांक 11.10.2024 को हरिद्वार स्टेशन एवं वहाँ स्थित पुस्तकालय, दिनांक 15.10.2024 को सिगनल कारखाना गाज़ियाबाद कार्यालय एवं वहाँ स्थित हिंदी पुस्तकालय तथा दिनांक 18.10.2024 को लुधियाना स्टेशन एवं वहाँ स्थित हिंदी पुस्तकालय का निरीक्षण किया।
- उप महाप्रबंधक / राजभाषा ने दिनांक 08.11.2024 को कालका स्टेशन एवं वहाँ स्थित हिंदी पुस्तकालय तथा कालका वर्कशॉप और वहाँ स्थित हिंदी पुस्तकालय, दिनांक 14.11.2024 को करनाल स्टेशन एवं वहाँ स्थित हिंदी पुस्तकालय तथा दिनांक 22.11.2024 को यातायात लेखा कार्यालय, स्टेट एंट्री रोड, नई दिल्ली एवं वहाँ स्थित हिंदी पुस्तकालय का तथा मुख्य वाणिज्य प्रबंधक/पी.एम. कार्यालय नई दिल्ली एवं वहाँ स्थित हिंदी पुस्तकालय का गहन निरीक्षण किया।
- मुख्य राजभाषा अधिकारी ने दिनांक 26.12.2024 को राजभाषा पखवाड़ा के दौरान आयोजित प्रतियोगिताओं के विजेताओं को प्रमाण-पत्र प्रदान किए।
- वरिष्ठ राजभाषा अधिकारी द्वारा दिनांक 26.12.2024 को प्रधान कार्यालय के परिचालन विभाग का राजभाषा संबंधी निरीक्षण किया गया। वरिष्ठ राजभाषा अधिकारी द्वारा प्रधान कार्यालय के कर्मचारियों के लिए हिंदी कार्यशाला का आयोजन भी किया गया।
- वरिष्ठ राजभाषा अधिकारी ने दिनांक 24.01.2025 को चंडीगढ़ स्टेशन एवं वहाँ स्थित हिंदी पुस्तकालय का और दिनांक 31.01.2025 को ऊना, हिमाचल स्टेशन का राजभाषा संबंधी निरीक्षण किया।
- वरिष्ठ राजभाषा अधिकारी ने दिनांक 11.02.2025 को नगर राजभाषा कार्यान्वयन समिति की बैठक में ऑनलाइन सहभागिता की।
- दिनांक 13.02.2025 को डीजल सिमुलेटर ट्रेनिंग सेंटर तुगलकाबाद में आयोजित प्रबंधन विकास कार्यक्रम में राजभाषा नीति पर व्याख्यान दिया। दिनांक 25.02.2025 की बरेली स्टेशन एवं वहाँ स्थित हिंदी पुस्तकालय का निरीक्षण किया।
- वरिष्ठ राजभाषा अधिकारी ने दिनांक 18.03.2025 को उत्तर रेलवे के कर्मचारियों के लिए राजभाषा तिमाही प्रगति रिपोर्ट विषय पर एक हिंदी कार्यशाला का आयोजन कर कर्मचारियों को तिमाही रिपोर्ट के संबंध में विस्तृत जानकारी दी।
- दिनांक 20.03.2025 को उत्तर रेलवे को वर्ष 2023 के दौरान हिंदी में उत्कृष्ट कार्य करने के लिए द्वितीय पुरस्कार के रूप में माननीय अध्यक्ष रेलवे बोर्ड, द्वारा रेल मंत्री राजभाषा शील्ड प्रदान की गई।

1.6.1 PARTICIPATION OF RAILWAY EMPLOYEES IN MANAGMENT

PREM Group of Zonal and Divisional level has been functioning to facilitate effective participation of workers in the management. Broadly, the functions include:

- To evaluate the functioning of Railway and exchange data and ideas on ways and means for improving the efficiency and viability of the enterprise.
- To apprise the investment programmes, particularly in regard to housing and other welfare services.
- To identity areas and devise action-oriented methods for maximizing organizational effectiveness, the use of technology and towards building up the image of the Railways as a service organization.
- To facilitate effective and meaningful participation of Railways employees in the management process.
- To give them a sense of involvement and pride in the organisation's works.
- To discuss and identify the measures for improving the quality of service to the rail passengers and safety of operations.

The staff matters including those which come within the preview of "Permanent Negotiating Machinery" and "Joint Consultative Machinery" are not normally discussed in the PREM Meeting.

At the Zonal Railway level & Divisional level, the groups consist of four representatives each from the recognized Unions and two representatives each from NROA, NRPOA and NRPFA. General Manager is the Chairman of the Group and All PHODs are the members of the Group. At the Divisional level, DRM is the Chairman and branch officers are members of this Group. Dy.GM/G is the Secretary of the group at Headquarters level and Sr.DPO is the Secretary of the group at Divisional level. The meetings of Zonal and Divisional PREM are held once in a quarter.

The numbers of PREM meetings held at Zonal/Divisional level of this railway during the year 01.04.2024 to 31.03.2025 are given below-

	No. of Meetings	Date of Meeting	Remarks
ZONAL LEVEL	Nil	Nil	–
DIVISIONAL LEVEL			
DLI	01	10.07.2024	–
FZR	Nil	Nil	–
LKO	Nil	Nil	–
MB	Nil	Nil	–
UMB	Nil	Nil	–

1.6.2 Railway User's Consultative Committee

Zonal Railway User's Consultative Committee and Divisional Railway User's Consultative Committee, Northern Railway.

These committees are consultative in character. The object is to provide more frequent opportunities for consultation on matters relating to the service provided by Railways and devising ways & means of effecting improvement.

The Zonal Railway User's Consultative Committee at Headquarter level was constituted for the term from 01.04.2024 to 31.03.2025 and the Divisional User's Consultative Committee on various Divisions of Northern Railway were constituted for the term from 01.04.2024 to 31.03.2025.

In addition to the frequent informal meetings, the number of formal meetings of the ZRUCC and DRUCCs of various Divisions held during the year are indicated below-

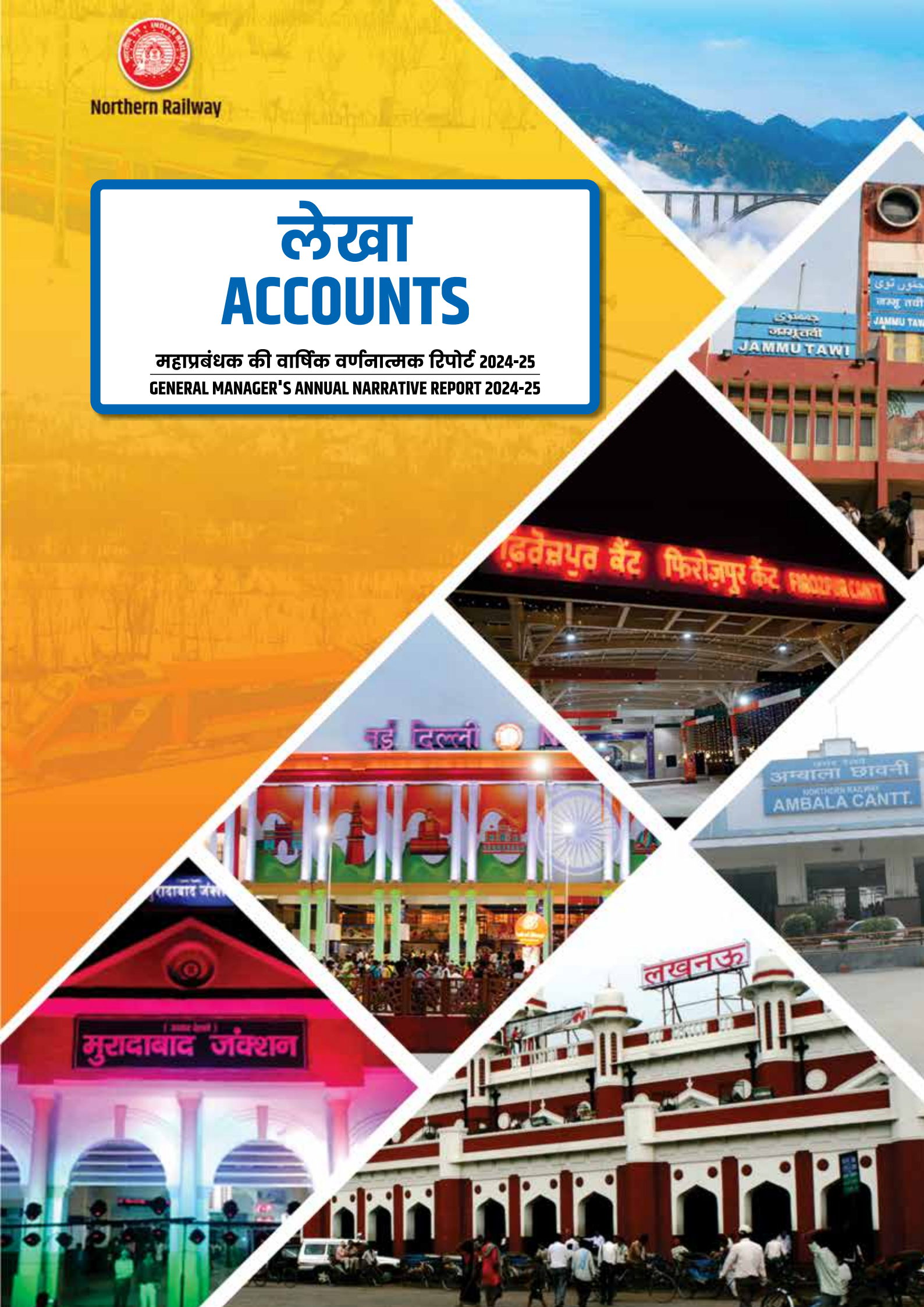
MEETING		Date
ZRUCC	-	Nil
DRUCC		
DELHI	-	Nil
AMBALA	-	Nil
FIROZPUR	-	Nil
MORADABAD	-	24.12.2024
LUCKNOW	-	Nil

Northern Railway

लेखा
ACCOUNTS

महाप्रबंधक की वार्षिक वर्णनात्मक रिपोर्ट 2024-25

GENERAL MANAGER'S ANNUAL NARRATIVE REPORT 2024-25



CHAPTER - II

2.1 About the Department

- The Accounts department is headed by Principal Financial Advisor (PFA).
- The Accounts Department is mainly responsible for :-
  i) Keeping the accounts of the Northern Railway in accordance with the prescribed rules.
  ii) Internal check of transactions affecting the receipt and expenditure of Northern Railway.
  iii) Prompt settlement of proper claims against Northern Railway.
  iv) Tendering, as part of its important functions, advice to the administration whenever required or necessary in all matters involving Railway finance.
  v) Compilation of budgets in consultation with other departments and monitoring the budgetary control procedures as may be laid down in the relevant orders and Code rules from time to time.
  vi) Generally discharging other management accounting functions such as providing financial data for management reporting, assisting inventory management, participation in purchase/contracting decisions and surveys for major schemes in accordance with relevant rules and orders.

2.2 Highlights of the year

Statement showing the changes in forms and classification during 2024-25

Corr. Slip No.	Particu-lars	Old classification of method of accounts			New classification of method of accounts			Primary Unit	Reference Authority
		Minor Head	sub Head	Detailed Head	Minor Head	sub Head	Detailed Head		
1	2	3	4	5	6	7	8	9	10

- Changing in forms of accounting introduced during the year 2024-2025 are as under:
- Changes in classification introduced during the year 2024-2025 are as under: -

RBA No. 10/2025

Sub: Modification in Appendix IV- List of Major and Minor Heads of Accounts of Indian Railways Code for the Accounts Department PART-I (Insert of Major Head 4000-Miscellaneous Capital Receipts for accountal of Bonus Shares).

Major Head 4000-01-102-Value of bonus shares under Miscellaneous Capital Receipts is operated for accountal of Bonus Shares issued by PSUs/JVs/SPVs of the Government of India.

In order to account for the bonus share issued by PSUs/JVs/SPVs under the administrative control of the Ministry of Railways, this head is to be operated.

Accordingly, the necessary change has been made in the List of Major and Minor Heads of Account of Indian Railways Code for the Accounts Department Part-I. ACS No.55 Modifying Appendix IV of the Indian Railways Code for the Accounts Department- Part- 1, (Second Reprint) 1997 is placed below. Contents of the correction slip may please be circulated suitably. Please acknowledge receipt.

Advance Correction Slip No. 55

INDIAN RAILWAY CODE FOR THE ACCOUNTS DEPARTMENT
Part-1 (Second Reprint) 1997

Appendix-IV

Insert the following Major Head, Sub Major Head and Minor Head under SECTION II- MAJOR AND MINOR HEADS OF RAILWAY CAPITAL CONSOLIDATED FUND- CAPITAL PUBLIC DEBT-LOANS ETC. RECEIPT HEADS (CAPITAL ACCOUNTS):

Major Head: 4000-Miscellaneous Capital Receipts

Sub-Major Head: 01- Civil Minor Head: 102- Values of Bonus Shares

(Authority: Board's letter no. 2024/ACII/2/3 dated 02.04.2024

RBA No. 11/2024

Sub: Introduction of New Sub head and Detailed head for accounting of Value of Bonus shares issued by PSUs/JVs/SPVs of the Government of India in Railway Finance Code Volume. II Appendices.

Advance Correction Slip (ACS) No.06 for introducing New Sub head and Detailed head (6140) under Minor Head 6100 for accounting of the Value of Bonus shares issued by PSUs/ JVs/SPVs of the Government of India in Railway Finance Code Volume II Classification of Capital and Other Works expenditure (Appendix II) is enclosed herewith.

Contents of the correction slip may please be circulated suitably.

Please acknowledge receipt.

Advance Correction Slip No. 06

INDIAN RAILWAY FINANCE CODE VOLUME-I-APPENDICES
(Revised Edition-September,2022)
CLASSIFICATION OF ACCOUNTS OF EXPENDITURE AND REVENUE
Classification of Capital and Other Works expenditure

APPENDIX-II

Please introduce the following new Sub Head and
Detailed Head under Existing Minor Head 6100:

APPENDIX-II

Please introduce the following new Sub Head
and Detailed Head under Existing Minor Head 6100:

Minor Head	Sub Head	Detailed Head
6100-Investment in PSU/JV/SPV Etc. (Government and Non Government)	6140-Value of Bonus Share	Same

RBA 12/2024

Sub: Introduction of New Primary Unit for accountal of Capital expenditure on Audit.

Ref: 1. Railway Board's letter no. 2023/F(X)-1/33/Misc/4 dated 06.04.2023.

2. Ministry of Finance's OM No. 11011(12)/13/2022-Codes-CGA/cno 11900/392 dated 03.01.2023.

Board vide letter referred at (1) above has desired that the expenditure on items of office equipment and Furniture & Fixtures, ICT equipments exceeding the threshold limit/useful life should be classified as Capital expenditure. In order to facilitate separate budgeting and accountal of such expenditure, it has been decided to introduce a New Primary Unit namely "Capital Expenditure-Audit Department" in Classification of Capital and Other Works Expenditure (Appendix-II) of Railway Finance Code Vol. II (Second Reprint Edition 2022), as per Advanced Correction Slip (ACS) no. 07 enclosed herewith.

Contents of the correction slip may please be circulated suitably for information and compliance.

Please acknowledge receipt.

Advance Correction Slip No. 07

Indian Railway Financial Code Volume-II (Second Reprint Edition 2022)
Classification of Capital and Other Works Expenditure (Appendix-II)

Please introduce the following new Primary Unit in Classification of Capital and Other Works expenditure (Appendix-II) of Railway Finance Code Vol. II (Second Reprint Edition 2022):

PU No. 55- Capital Expenditure- Audit Department

This will take effect from FY 2024-25

RBA No. 13/2024

Sub: ACS No. 56 modifying Appendix IV- List of Major and Minor Heads of Accounts of Indian Railways Code for the Accounts Department PART-I (Insert of Major Head 4016- Capital Outlay on Audit).

Office of CGA has introduced a new Major Head 4016- Capital Outlay on Audit in the List of Major and Minor heads of Accounts (LMMH) for accountal of Capital Expenditure on Audit. Accordingly, the necessary change has been made in Appendix IV of the Indian Railways Code for the Accounts Department- Part-I, (Second Reprint) 1997 as per Advance Correction Slip (ACS) No. 56 enclosed herewith.

Contents of the correction slip may please be circulated suitably.

Please acknowledge receipt.

Advanced Correction Slip No. 56

INDIAN RAILWAY CODE FOR THE ACCOUNTS DEPARTMENT
Part-1 (Second Reprint) 1997

Appendix-IV

Insert the following Major Head, Sub Major Head, Minor Head, Sub (Minor) Head and Detailed Heads under SECTION II- MAJOR AND MINOR HEADS OF RAILWAY CAPITAL CONSOLIDATED FUND- CAPITAL PUBLIC DEBT-LOANS ETC.

EXPENDITURE HEADS (CAPITAL ACCOUNTS):

MAJOR HEAD: 4016-CAPITAL OUTLAY ON AUDIT

SUB-MAJOR HEAD: 00

MINOR HEAD: 102- INDIAN AUDIT AND ACCOUNTS DEPARTMENT

EXPLANATORY NOTES

SUB (MINOR) HEAD: 01- FIELD OFFICES
DETAILED HEAD: 05- RAILWAY AUDIT OFFICES
(Effective from 2024-25)
(Authority: Board's letter no. 2024/ACII/2/4 dated 09.04.2024

RBA 15/2024

Sub: ACS No. 57 modifying Appendix IV- List of Major and Minor Heads of Accounts of Indian Railways Code for the Accounts Department PART-I (Insert of Minor Head in Major Head 3001- Indian Railways- Policy Formulation, Direction, Research and other Miscellaneous Organisation').

Ref: MoF's Correction Slip No. 1032 dated: 15.04.2024 regarding opening of new Minor Head 'Statutory Audit-Government Contribution under Defined Contribution Pension Scheme under MH-3001- Indian Railways- Policy Formulation, Direction, Research and other Miscellaneous Organisation'.

Office of CGA vide Correction Slip referred above has opened new Minor Head under MH-3001- Indian Railways- Policy Formulation, Direction, Research and other Miscellaneous Organisation' in the List of Major and Minor Heads of Accounts. Accordingly, Advanced Correction Slip (ACS) no. 57 modifying Appendix IV of Indian Railways Code for the Accounts Department- Part-1. (Second Reprint) 1997 is enclosed herewith for information and necessary action.

Contents of the correction slip may please be circulated suitably.

Please acknowledge receipt.

Advanced Correction Slip No. 57

INDIAN RAILWAY CODE FOR THE ACCOUNTS DEPARTMENT
Part-I (Second Reprint) 1997

APPENDIX-IV

Insert the following Minor Head below the existing Major Head-3001 under SECTION I-MAJOR AND MINOR HEADS OF RAILWAY REVENUE CONSOLIDATED FUND- REVENUE EXPENDITURE HEADS (REVENUE ACCOUNT):

MAJOR HEAD: 3001 INDIAN RAILWAYS- POLICY FORMULATION, DIRECTION, RESEARCH AND OTHER MISCELLANEOUS ORGANISATION

MINOR HEAD: 12- STATUTORY AUDIT- GOVERNMENT CONTRIBUTION UNDER DEFINED CONTRIBUTORY PENSION SCHEME

(Effective from 2023-24)

(Authority: Board's letter no. 2023/AC-I/3/14/MH-2016 dated: 29-04-2024)

RBA 20/2024

Sub: Creation of Primary Unit for accountal of expenditure on outsourcing of manpower for Track Maintenance activities.

Ref: Railway Board's letter no. 2019/CE-1/GNS/4 dated 28.06.2024

Ministry of Railways (Railway Board) vide letter under reference has decided the Modified MCNTM Formulae'2024 - Norms/Yardsticks for Track Maintainers. In order to facilitate separate budgeting and accountal of expenditure incurred for Outsourcing of Manpower for Track Maintenance activities under Primary Units (Objects) of Expenditure (Revenue), it has been decided to introduce a New Primary Unit namely "PU-49 - Outsourcing of Manpower for track maintenance" in Classification of Accounts of Expenditure and Revenue governed by the guidelines given in IRFC Volume-II (Second Revised Edition 2022) Appendices, as per Advanced Correction Slip (ACS) no. 08. enclosed herewith.

Contents of the correction slip may please be circulated suitably for information and compliance.

Please acknowledge the receipt.

Advance Correction Slip No-08

INDIAN RAILWAY FINANCIAL CODE VOLUME-II
(Second Revised Edition 2022)
Classification of Accounts of Expenditure and Revenue
(APPENDIX-I)

Please introduce the following new Primary Unit in Classification of Accounts of Expenditure and Revenue (AppendiX-I):

"PU No. 49-Primary Units (Objects) of Expenditure (Revenue) - Outsourcing of Manpower for track maintenance"

RBA. 21/2024

Sub: ACS for modification in Explanatory Notes 1110, 1111, 1112 and 1113 of IRFC Vol. II.

The allocation of expenditure on surveys is governed by the guidelines given in Para 724 of IRFC Volume-I and Explanatory Notes- 1110 and 1111, 1112, 1113 of IRFC Volume-II.

2. The matter has been reviewed and the Ministry of Railways has decided to amend Explanatory Notes- 1110 and 1111, 1112, 1113 of IRFC Volume-11 (regarding allocation of the expenditure on Surveys) as per Advance Correction Slip No 09 (copy enclosed).
3. Contents of the correction slip may be circulated suitably for information and compliance.
4. Please acknowledge the receipt.

Advance Correction Slip No. 09

Indian Railway Financial Code Volume-II (Second Reprint Edition 2022)
Classification of Capital and Other Works Expenditure (Appendix-II)

Please modify Plan Head 1100 as follows:

Details	Existing	Revised
IRFC Volume - II Explanatory Notes - 1110	Preliminary expenses of all kinds connected all surveys including the Final location Survey the line, preparation of plans and estimates for projcet and administrative and general charges initially charged to "3001-Indian Railways- Policy, Formulation, Direction, Research and other MiseOrganisations Surveys" and transferred to head when the project is undertaken.	Preliminary expenses of all kinds connected with of all surveys including the Final location Survey of the line, preparation of plans and estimates for the project and administrative and general charges, Preconstruction Activities for fast tracking this execution of multi-tracking projects under three Economic Corridors (i.e., Energy, Mineral & Cement Corridors, High Traffic Density Routes and Rail Sagar Corridors), initially charged to 3001-Indian Railways Policy. Formulation, Direction, Research and other Misc, Organizations'-Surveys" and transferred to this head when the project is sanctioned by Competent Authority.

IRFC Volume - 11 Explanatory Notes -1111. 1112. 1113	All preliminary expenses relating to surveys including Final Location Surveys are initially charged to "3001 Indian Railways Policy, Formulation, Direction, Research and other Misc. Organizations Surveys'' and transferred to this head when the project is undertaken.	All preliminary expenses relating to surveys including Final Location Surveys, Preconstruction Activities for fast tracking execution of multi-tracking projects under three Economic Corridors (i.e. Energy, Mineral & Cement Corridors, High Traffic Density Routes and Rail Sagau Corridors) are initially charged to "3001 Indian Railways Policy, Formulation, Direction, Research and other Misc. Organisations Surveys" and transferred to this head when the project is sanctioned by Competent Authority.

RBA No. 23/2024

Sub: Addendum to ACS-08 to Indian Railway Finance Code Volume-II.

Ref: Railway Board's letter no. No.2024/AC-1/6/1 dated 02.07.2024

Attention is invited to Board's letter of even no. dated 02.07.2024 (RBA 20/2024) vide which ACS-08 has been issued to introduce a New Primary Unit namely "PU-49 -Outsourcing of Manpower for track maintenance" in Classification of Accounts of Expenditure and Revenue governed by the guidelines given in IRFC Volume-II (Second Revised Edition 2022) Appendices.

Description of PU-49 Outsourcing of Manpower for track maintenance has been modified and shall be read as under:

"PU No. 49 - Primary Units (Objects) of Expenditure (Revenue) - Outsourcing of Manpower/activities for track maintenance

Contents of the corrigendum issued vide ACS No.10 may please be circulated suitably for information and compliance.

Please acknowledge the receipt.

Advance Correction Slip No. 10

INDIAN RAILWAY FINANCIAL CODE VOLUME-II
(Second Revised Edition 2022)
Classification of Accounts of Expenditure and Revenue (Appendices)

Classification of Revenue Expenditure (Appendix-I)

Contents of the Advance Correction Slip No. 08 shall be read as under:-

Description of PU-49 Outsourcing of Manpower for track maintenance shall be read as under:

"PU No. 49-Primary Units (Objects) of Expenditure (Revenue) - Outsourcing of Manpower/activities for track maintenance"

RBA 27/2024

Sub: Clarification on the use of the phrase "as is / as is, where is basis" in the context of Indian Railways

Ref: Ministry of Finance, Department of Revenue Circular No. 236/30/2024-GST dated 11th October 2024.

Ministry of Finance (Department of Revenue), vide circular No. 236/30/2024-GST dated 11th October 2024 has issued clarification regarding the use of the phrase "as is / as is, where is basis" in their circulars as it pertains to the Goods and Service Tax (GST) matters. The following are the guidelines issued by them:

The phrase "as is / as is, where is basis" refers to accepting the GST rates applied in the past as they were, regardless of whether they were lower or higher than the rates that might have been applicable. This means that the GST payments made at such rates are considered as the full and final discharge of the tax liability for the period before the regularization, without any further obligations to pay additional entitlement to a refund.

The phrase "as is, where is" is commonly understood in the realm of property transfer, signifying that the property is being transferred in its existing state, inclusive of any faults or defects, cept. In the context of GST, the phrase "regularized on as is where transferee s agreed to accept. In the co is basis" implies that any payment made at a lower rate or any exemption claimed by the taxpayer is recognized as valid, and no refund will be provided if tax has been paid paid at a higher rate. The intent is to acknowledge the payment at a lower rate, including a nil rate due to the tax position taken by the taxpayer, as a complete discharge of the tax liability.

For Indian Railways, this clarification has the following implications:

In cases where there has been a differential GST rate applied by different Zonal Railways for similar supplies or services due to genuine doubts or diverse interpretations, the regularization of such transactions on an "as is, where is" would mean that the GST paid at the lower rate or not paid, considering it as exempt, will be treated as the correct tax liability discharged for the period prior to the regularization subject to the illustrations below. There will be no requirement to pay any differential duty, nor will there be any refunds for those who have paid at the higher rate.

Illustrations to support the above clarification are as follows:

S. N.	Scenarios	Recommendation of GST Council	Interpretation as clarified vide the present Circular
1.	Rate on which GST is discharged by suppliers- .5% .12%	The rate stands reduced and regularizing the past matters on "as is / as is, where is basis"	For the period prior to the regularization - **a.** 5% GST paid will be treated as tax fully paid, **b.** No additional payment is required. Taxpayers who have paid 12% GST will not be entitled to a refund.

2.	GST not paid by supplier	The applicable rate is 5% and due to the belief that past matters are regularised there was an exemption on “as is as is, where is basis”	For the period prior to the regularization- **c.** Non-payment of GST will be treated as full discharge of tax liability **d.** No additional payment is required **e.** Taxpayers who have paid 5% GST will not be entitled to a refund.
3.	Where there is interpretational issue between GST applicable at the rate 5% and 12%- • Some taxpayers have paid GST at the rate of 5% • Others have paid GST at the rate of 12% • Remaining have not discharged GST	Applicable rate is 12% and regularize the past on “as is rate where is basis” which of is notified on 1.12.2023	**a.** For the period prior to 1.12.2023, the 5% GST paid by taxpayer will be treated as tax fully paid and they would not be required to pay any additional duty **b.** For those taxpayers who have paid GST at the rate of 12%, no refund would be made. **c.** However, the regularization would not apply to situations where no tax has been paid and in such case, the applicable tax of GST i.e. 12% shall be recovered.

All Zonal railways and Production units are advised to review their past GST transactions where the applicable CBIC circulars use the phrase “as is where is” in light of this clarification in consultation with their local GST consultants and ensure that any GST payments made are consistent with the “as is as is, where is basis” principle. In case of any specific issues in implementing the above instructions, the same may be brought to the notice of Railway Board.

RBA No. 33/2024

Sub: Opening of separate Detailed head for expenditure pertaining to DFCCIL.

In order to have clear and specific accountal and budgeting of expenditure pertaining to DFCCIL including Access charges, a separate Detailed head “735” is being opened.

Accordingly, Advanced Correction Slip No. 11 is attached

Contents of the correction slip may please be circulated suitably.

Kindly acknowledge receipt.

Advance correction slip No. 11

Indian Railway Finance code vol.II (Second Reprint Edition 2022)
(Classification of Revenue Expenditure (Appendix-1)

Please introduce the following Detailed Head under Major Head 3002 & 3003 Sub Major Head 07, Erstwhile Demand No. 9 Abstract ‘G’ Operating Expenses-Traffic- Sub Head -730

Detailed head	Description
735	Access charges to DFCCIL.

RBA NO. 34/2024

Sub: Opening of a new detailed Head-656- under erstwhile demand No. 13- with the description "Employee contribution and returns thereon payable where the corpus has already been credited"- ACS No.12 to Finance Code Vol-II.

Ref: 1 FE-III letter No. D/43/43/2020-F(E)III dated 4.6.2021 and 17.3.2022

Please refer to Board's letters ibid(copy available on Indian Railways website). In this connection, the matter regarding accountal of such portion of deceased employees contribution and returns thereon of the amount which has already been credited to Demand no.13 and has to be paid to the nominee or legal heir subsequently has been under consideration of Board.

It has now been decided to open a new detailed **Head 656- under erstwhile demand No. 13- with the description "Employee contribution and returns thereon payable where the corpus has already been credited"**.

Accordingly, **Advanced Correction Slip No. 12** is enclosed.

Contents of the correction slip may please be circulated suitably. Kindly acknowledge receipt.

Advance correction slip No. 12

Indian Railway Finance code vol. II (Second Reprint Edition 2022), (Classification of Revenue Expenditure (Appendix-I)

Please introduce the following Detailed Head under Major Head 3002 & 3003 Sub Major Head 11 Erstwhile Demand No. 13-Abstract 'L' Sub Head-650.

Detailed head	Description
656	Employee contribution and returns thereon payable where the corpus has already been credited

RBA No. 35/2024

Sub: Compliance with Amended TDS Provisions for Metal Scrap Supplies by Registered dealers to Indian Railways under GST

Ref: Ministry of Finance, Department of Revenue Notification No. 25/2024-Central Tax dated 9th October 2024.

Department of Revenue vide notification ibid has notified the applicability of TDS provisions on Metal Scrap falling under Chapter 72 to 81. This notification has amended the the notification No. 50/2018-Central Tax dated 13th September 2018. The amendments are as follows:

(i) after clause (c) and before the first proviso, the following clause shall be inserted,-

(d) any registered person receiving supplies of metal scrap falling under Chapters 72 to 81 in the First Schedule to the Customs Tariff Act, 1975 (31 of 1975), from other registered person:

(ii) for the third provison, the following provison shall be substituted, namely-

“Provided also that nothing in this notification shall apply to the supply of goods or services or both, which takes place between one person to another person specified under clauses (a), (b), (c) and (d) of sub-section (1) of Section 51 of the suid Act. except the person referred to in clause (d) of this notification.”

This notification shall come into force with effect from the 10th day of October, 2024

Implication of the Notification ibid for Indian Railways are as follows:

In cases where Indian Railways supplies metal scrap falling under **chapter headings 72 to 81 to registered dealers,** such **registered dealers** are required to deduct TDS of the Indian Railways at the rate of 1% (CGST & SGST each).

CRIS is requested to make necessary modifications in the IREPS/GST Manual Utility to correctly capture the aforesaid transaction to ensure GST compliance.

The Ministry of Railways advises all Zonal railways and Production units to review all their Metal Scrap transactions falling under Chapter 72 to 81 to registered dealers in consultation with their local GST consultants and ensure that all such transaction shall comply with the aforesaid requirements. In case of any specific issues in implementing the above instructions, the same may be brought to the notice of Railway Board along with the comments of GST Consultants engaged by Zonal Railways.

GOVERNMENT OF INDIA MINISTRY OF FINANCE
(DEPARTMENT OF REVENUE)

Notification No. 25/2024-Central Tax

G.S.R. 629(E).- In exercise of the powers conferred by sub-section (3) of section 1 read with section 51 of the Central Goods and Services Tax Act, 2017 (12 of 2017), hereafter in this notification referred to as the said Act, the Central Government, on the recommendations of the Council, hereby makes the following further amendment in the notification of the Government of India in the Ministry of Finance, Department of Revenue No. 50/2018-Central Tax, published in the Gazette of India, Extraordinary, Part II, section 3, sub-section (i) vide number G.S.R 868 (E). dated 13th September, 2018, namely: -

In the said notification,

(i) after clause (c) and before the first provison, the following clause shall be inserted, -

(d) any registered person receiving supplies of metal scrap falling under Chapters 72 to 81 in the First Schedule to the Customs Tariff Act, 1975 (51 of 1975), from other registered person;

(ii) for the third proviso, the following proviso shall be substituted, namely- “Provided also that nothing in this notification shall apply to the supply of goods or services or both, which takes place between one person to another person specified under clauses (a), (b), (c) and (d) of sub-section

(1) of Section 51 of the said Act, except the person referred to in clause (d) of this notification.”

2. This notification shall come into force with effect from the 10th day of October, 2024.

RBA 08/2025

Sub: Review of Input Tax Credit and its Accountal thereof in March 2025 Accounts.

Ref.: GST Accounting Procedure: Input Tax Credit- RBA No. 78/2017/GST Circular No. 22 dated 22.06.2017.

Railway Board has been issuing instructions to Zonal Railways and Production Units from time to time relating to strict compliance of GST. It was advised that review of Input Tax Credit (ITC) should be done diligently and corrections (if required) should be carried out in ITC Flagging as per GST Rules. Facility is available in IPAS to carry out such corrections. Further detailed instructions were issued vide RBA No. 78/2017 dated 22.06.2017 bringing out the detailed Accounting entries to be carried out in Accounts, correctly reflecting the GST paid on Inputs in Final Head of Accounts or in Miscellaneous Advance Account (in case of T4 or C2 Flags), so that the Accounts reflect true Expenditure position. RBA No. 78/2017 is a general procedure circular and do not make any distinction between cash transactions or journalized transactions for debits received by Zonal Railways through TCs.

Some of the payments to Railway PSUs viz., IRFC, RVNL, IRCON, RITES, etc are made centrally by PAO/Railway Board on behalf of Zonal Railways. These PSUs submit their Invoices in respect of Works carried out by them pertaining to Zonal Railways, to Railway Board. Thereafter Sanction Orders are issued by the concerned nodal Directorate. PAO/ Railway Board makes payments duly carrying out appropriate ITC Flags and passes on the Debits to Zonal Railways through TCs. It is assumed that due regard to accounting treatment duly accounting Full ITC or Partial ITC amount are done by debiting MAR/MAC-GST as the case maybe and not debited to the final head. This may be reviewed immediately for 2024-2025. It is once again reiterated that proper accounting as per Railway Board’s instruction is the responsibility of the Zonal Railways/Production Units.

As laid down in Railway Board’s GST Circular No. 13/2018 dated 28th March, 2018, the entire exercise of the expenditure data in consultation with GST Consultants engaged by each Zonal Railways/Production Units, for the financial year 2024-2025 and corresponding passing of necessary accounting entry under Misc. Advance (Capital or Revenue) and final expenditure may be carried out immediately. It may be ensured that March 2025 Accounts is prepared after this exercise. For this purpose, it may be necessary to keep the office open during the ensuing holidays. Necessary instructions may be required to be issued in this regard.

RBA 09/2025

Sub: Opening of a new Sub Head and Detailed Heads - Major Head 3002 & 3003 Sub Major Head 11 Erstwhile Demand No. 13 - Abstract 'O' for budgeting and accountal of Government Contribution of UPS subscribers under National Pension System - ACS No. 13 to Finance Code Vol-II.

Ref: Board's letter No. F(E)III/2025/UPS/1 dated 28.03.2025 (RBE No. 25/2025)

Kind attention is invited to Board's letter No. F€II/2025/UPS/1 dated 28.03.2025 enclosing circular on PFRDA's Gazetted Notification No, PFRDA12/01/0001/2023-legal dated 19.03.2025 regarding **Operationalization Of Unified Pension Scheme Under National Pension System**. As per these instructions, the employee covered under NPS shall have option to opt for UPS under the NPS scheme. Under this scheme, if the employee opts for UPS under NPS, Government shall make a matching contribution equal to the individual contribution of 10% of the Basic Pay And Non-Practicing Allowance, if any and Dearness Allowance thereon made by the UPS subscriber. Further an additional 8.5 of the Basic Pay And Non-Practicing Allowance, if any and Dearness Allowance thereon shall be credited to the Pool Corpus.

In order to ensure Budgeting and Accountal of this expenditure, it has been decided to open new Detailed Heads under - **Major Head 3002 & 3003 Sub Major Head 11 Erstwhile Demand No. 13 - Abstract 'O'** .

Accordingly, Advanced Correction Slip No. 13 to Indian Railways Finance Code Vol-II (Second Reprint Edition 2022) containing these details is enclosed.

Contents of the correction slip may please be circulated suitably.

Kindly acknowledge receipt.

Advance correction slip No. 13

Indian Railway Finance code vol.II (Second Reprint Edition 2022)
(Classification of Revenue Expenditure (Appendix-I)

Please introduce the following Sub head and Detailed Head under Major Head 3002 & 3003 Sub Major Head 11 Erstwhile Demand No. 13 - Abstract 'O'

Minor Head	Sub Head	Detailed Head
100 Government Contribution for Defined Contribution Pension Scheme. (existing- no change)	110 Govt. Contribution for Defined Contribution Pension Scheme and Interest (existing –no change)	**111** Government Contribution for Defined Contribution Pension Scheme. (Existing-No change) **112** Interest on delayed/non- deposit of NPS contribution (Existing-No change) **113**-Government Contribution for defined contribution scheme (UPS) for individual Corpus-(10% element) (New) **114**- Government Contribution for defined contribution scheme (UPS) for Pool Corpus- (8.5% element) (New)

Also the

CLASSIFICATION OF REVENUE EXPENDITURE, APPENDIX,I

EXPLANATORY Notes Abstract "O"

This head will record booking of Government Contribution for Defined Contribution Pension Scheme (New Pension System)

May be modified as:

CLASSIFICATION OF REVENUE EXPENDITURE, APPENDIX,I

EXPLANATORY Notes Abstract "O"

This head will record booking of Government Contribution for Defined Contribution Pension Scheme (New Pension System) and Unified Pension Scheme under NPS

Para No. 2.02

Financial Results of Working

(figs. in lakhs of Rs.)

Particulars	2023-2024	2024-2025	Increase/ Dec.
(A) Coaching Passenger	846857	923888	77031
(B) Other Coaching	107880	123267	15387
(C) Goods	1099811	948732	-151079
(D) Sundries	99254	218677	119423
Total	**2153802**	**2214564**	**60762**
Add credits to suspense			
TA & other Railways	9378638	8127058	-1251580
Total Gross Receipts	**11532440**	**10341622**	**-1190818**
Deduct-Debit to suspense			
TA & Other Railways.	9377411	8123408	-1254003
Total Gross Receipts	2155029	2218214	63185
1. Passenger earnings	Passenger earnings has shown an increase of 9.09% in comparison to corresponding period of last year.		
2. Other Coaching	Other coaching earning has shown an increase of 14.26 in comparison to corresponding period of last year.		
3. Goods	Goods earning showing a decrease of -13.73% in comparison to corresponding period of last year.		
4. Sundry	Sundry earning shown an increase of 120.32% in comparison to corresponding period of last year.		

Para No. 2.03(A)

Statement of comparative position of the Revised Budget Estimate and Gross Traffic Receipts for the year 2024-25

(figs. in lakhs of Rs.)

Head of Earnings	Revised Budget Estimates for 2023-2024	Actuals for 2024-2025	Variation between Col. 2 & 3
1	2	3	4
Passengers	846857	988339	141482
Other coaching	107880	128641	20761
Goods	1099811	1115688	15877
Sundries	99254	179186	79932
Total Gross earnings	**2153802**	**2411854**	**258052**
Traffic Suspense	1227	1100	-127
Total Gross Receipts	**2155029**	**2412954**	**257925**

Para No. 2.03(B)

Comparative position of quantum of traffic carried in 2024-25

(figs in Lakhs)

Category	Year 2023-24	Year 2024-25	Variation (Inc / Dec)
Passenger carried	6160	6298	680
Passenger kilometers	1047641	1123340	75699
Tonnes Carried	2223	2096	-127
Net Tonnes K.M.	663743	573630	-90113

Para No. 2.03(C)

Statement showing comparative position Gross Traffic Receipt for the year 2023-2024 & 2024-2025

(Figs in Lakhs of Rs.)

Head of Earnings	Actuals for the year 2023-24	Actuals for the year 2024-25	Variation between Col 2 & 3
1	2	3	4
Passengers	846857	923888	77031
Other Coaching	107880	123267	15387
Goods	1099811	948732	-151079
Sundries	99254	218677	119423
Total Gross Revenue	2159802	2214564	60762
Traffic Suspense	1227	3650	2423
Demand Recoverable	12	-229	-241

Total Gross Receipts	2155029	2218214	62944
1. Passanger earning	Passenger earning shown an increase of 9.09% in comparison to corresponding period of last year.		
2. Other coaching	Other coaching earning has shown an increase of 14.26% in comparison to corresponding period of last year.		
3. Goods	Goods earning shown a decrease of -13.73% in comparison to corresponding period of last year.		
4. Sundry	Sundry earning shown an increase of 120.32% in comparison to corresponding period of last year.		

Para No-2.04

Demand No.-3 - General Supdt. and Services

(Figs in Lakhs of Rs.)

Main Heads	Total Expenditure		Variation Inc/Dec
	2023-2024	2024-2025	
100-General Management incl. General Services	6715	6997	262
200-Financial Management	24210	24726	516
300-Personnel Management	16341	17248	907
400-Material Management	15949	17119	1170
500-Ways & Works Management	8481	9044	563
600-Rolling Stock Management	4451	4615	164
700-Electrical Management	3308	3442	134
800-Sig. & Tele-Communication Management	2735	3055	320
900-Traffic Management	10301	12052	1751
Total	**92491**	**98278**	**5787**
900-Credits & Recoveries	123	118	-5
Grand Total	**92368**	**98160**	**5792**

Explanation for variation of Working Expenses between the figures for the year 2023-24 & 2024-25 Demand No.03 General Superintendence & Services

	Actuals 2023-24	Actuals 2024-25	Variation (Inc/Dec)
	92368	**98160**	**5792**
Increase in Pay, DA & Annual Increments			4664
More Commercial Advertisement & Publicity,			262
Legal Expenses and Misc. Expenses			
More contingent expenses			861
Total			**5787**
More Credits & Recoveries			-5
Grand Total			**5792**

Para No. 2.05

Demand No. 4 Repair & Maintenance of Permanent Ways & Works.

(Figs in Lakhs of Rs.)

Main Head	Total Expenditure		Variation Increase/ Decrease
	2023-24	2024-25	
HEADS			
100 - Establishment in Offices	12707	13563	856
200 - Maintenance of P.Way.	162853	170634	7781
300 - Maintenance of Bridges Work & Tunnels (incl. Road Over/ Under Bridges).	6993	7296	303
400 – Maintenance of Service Buildings. (Other than colonies, staff quarters & welfare Bldgs).	35306	38473	3167
500 - Water Supply, Sanitation & Road (Other than colonies, staff qrs. & Welfare Buildings).	3065	3372	307
600 - Other Repairs & Maintenance.	1121	1126	5
700 - Special repairs pertaining to breaches, accidents etc. incl. special revenues works.	53	6	-47
Total	**222098**	**234470**	**12372**
900 - Credit & Recoveries	182	101	-81
Grand Total	**221916**	**234369**	**12453**

Explanation for variation of Working Expenses between the figures for the year 2023-24 & 2024-25

		Actuals 2023-24	Actuals 2024-25	Variation (Inc/Dec)
		221916	**234369**	**12453**
1.	Increase in DA & Annual Increments			856
2.	More contractual payment.			11251
3.	Decrease in cost of stores.			312
4.	Less other works.			-47
	Total			**12372**
	Less Credit & Recoveries.			-81
	Grand Total			**12453**

Para No. 2.06

Demand No. 5. Repairs & Maintenance of Motive Power

(Figs in Lakhs of Rs.)

Main Heads	Total Expenditure		Variation (Inc/Dec)
	2023-24	2024-25	
100 - Establishment in Offices	11068	11579	511
200 - Steam Power	5	0	-5
300 - Diesel Locomotives	64890	70138	5248
500 - Electric Locomotives	63928	65783	1855
600 - Rail Cars, Ferries, Steamers and other maintenance Expenses.	23	16	-7
Total	**139914**	**147516**	**7602**
900 - Credit & Recoveries	57	917	860
Grand Total	**139857**	**146599**	**6742**

Explanation for variation of Working Expenses between the figures for the year 2023-24 & 2024-25

	Actuals 2023-24	Actuals 2024-25		Variation (Inc./ Dec)
		139857	146599	6742
1.	More Pay, DA and contingent expenses			511
2	More Nos. of POH of Diesel locomotives		5236	
3	More POH of Elec. Locomotives & increase in cost of stores	1855		
	Total			**7602**
	Less Credits & Recoveries			860
	Grand Total			**6742**

Para No. 2.07

Demand No.6. Repair & Maintenance of Carriage & Wagons

(Figs in Lakhs of Rs.)

Main Head	Total Expenditure		Variation Inc./ Dec
	2023-24	2024-25	
100 - Establishment in Offices	27086	28722	1636
200 - Carriages	120509	122820	2311
300 - Wagons	32729	36277	3548
400 - Electric Multiple unit Coaches	8741	9266	525
500 - Electric Genl. Services Train lighting Fans & Air conditioning	59624	60827	1203
600 - Misc. Repairs & Maint. Expenses.	-10	1	11
700 - DMU Coaches	19240	16157	-3083
Total	**267919**	**274070**	**6151**
900 - Credit & Recoveries	2588	5341	2753
Grand Total	**265331**	**268729**	**3398**

Explanation for variation of Working Expenses between the figures for the year 2023-24 & 2024-25

		Actuals 2023-24	Actuals 2024-25	Variation (Inc/ Dec)
		265331	268729	3398
1.	Increase in DA & Annual increments and Less Expenditure under TA, OT & other Allow			1636
2.	More consumption of material			6384
3.	More booking of staff in AC coaches			-3083
4.	More POH & Special repairs of carriage & wagons			1214
	Total			**6151**
	Less Credits and Recoveries			2753
	Grand Total			**3398**

Para No. 2.08

Demand No. 7. Repairs & Maintenance of Plant & Equipments

(Figs in Lakhs of Rs.)

Main Head	Total Expenditure		Variation (Inc/Dec)
	2023-24	2024-25	
100 - Establishment in Offices	17805	19835	2030
200 - Plant & Equip.(Way & Works)	-42800	-26125	16675
300 - Plant & Equip.(Mech.)	6679	5902	-777
400 - Plant & Equip.(Electrical)	41317	50010	8693
500 - Plant & Equip.(Signaling)	39894	38762	-1132
600 - Plant & Equip. (Telecom.)	7623	8551	928
700 - Rental of P&T for Sign. & Tele. Circuits.	2629	8551	928
800 - Other Plant Equip.(Genl. & Traffic Deptt.)	4996	6329	1333
Total	**78143**	**104542**	**26399**
900 - Credit & Recoveries	181	137	-44
Grand Total	**71081**	**77962**	**6881**

Explanation for variation of Working Expenses between

the figures for the year 2023-24 & 2024-25

		Actuals 2023-24	Actuals 2024-25	Variation (Inc/Dec)
		77962	104405	26443
1	Decrease in DA & Annual increments			2030
2	Due to more Debits received from stores			15898
3	More contractual works			8693
4	Spl. works and less repairs			-1555
5	Less other expenses			1333
6	Decrease in cost of stores			0
	Total			**26399**
	Less Credits and Recoveries			-44
	Grand Total			**26443**

Para No. 2.09

Demand No. 8 : Operating Expense (Rolling Stock & Equipment)

(Figs in Lakhs of Rs.)

Main Head	Total Expenditure		Variation (Inc/ Dec)
	2023-24	2024-25	
100 - Steam Locomotives.	0	2	2
200 - Diesel Locomotives.	128835	137530	8695
300 - Electric Locomotives.	35117	38128	3011

400 - Electrical Multiple units Coaches.	13	35	22
500 - Carriages & Wagons	38159	42873	4714
600 - Traction (Other than Rolling Stock & Electrical services)	51497	51145	-352
700 - Signaling & Telecommunication.	31	30	-1
800 - Ferry Services & Rail Cars.	101	111	10
Total	**253753**	**269854**	**16101**
900 - Credit & Recoveries	5643	5459	-184
Grand Total	**248110**	**264395**	**16285**

Explanation for variation of Working Expenses between the figures for the year 2023-24 & 2024-25

		Actuals 2023-24	Actuals 2024-25	Variation (Inc/Dec)
		248110	**264395**	**16285**
1	More payment due to Operation of Diesel locomotives, Electric locomotives, yards & sheds			11708
2	Due to More debit received			4384
3	More contractual payments			9
	Total			**16101**
	Less Credits and Recoveries			-184
	Grand Total			**16285**

Para 2.10

Demand No.9 Operating Expenses (Traffic)

(Figs in Lakhs of Rs.)

Main Head	Total Expenditure		Variation (Inc/ Dec)
	2023-24	2024-25	
100 - Establishment in Offices.	1596	1804	208
200 - Station Operation	214696	229944	15248
300 - Yard Operation.	940	1010	70
400 - Transshipments & Repaneling Operation			0
500 - Trains Operation.	37530	42712	5182
600 - Safety.	139	331	192
700 - Misc. Expenses (Others)	272833	218200	-54633
Total	**527734**	**494001**	**-33733**
900 - Credit & Recoveries	1	66	65
Grand Total	**527733**	**493935**	**-33798**

Explanation for variation of Working Expenses between the figures for the year 2023-2024 & 2024-2025

		Actuals 2023-24	Actuals 2024-25	Variation (Inc/Dec)
		527733	**493935**	**-33798**
1	More payments of Pay, DA, OT & Other Allowances			20638
2	More payments debits for IRFA , IRFC etc.			-54633
3	More expenditure relating to container services			262
	Total			**-33733**
	Equal Credit & Recoveries			65
	Total			**-33798**

Para No. 2.11

Demand No.10 Operating Expenses (Fuel)

(Figs in Lakhs of Rs.)

Main Head	Total Expenditure		Variation (Inc./ Dec)
	2023-24	2024-25	
100 - Steam Traction.	0	0	0
200 - Diesel Traction.	200477	172413	-28064
300 - Electric Traction.	176988	167710	-9278
Total	**377465**	**340123**	**-37342**
900 - Credit & Recoveries	0	0	0
Grand Total	**377465**	**340123**	**-37342**

Explanation for variation of Working Expenses between the figures for the year 2023-24 & 2024-25

		Actuals 2023-24	Actuals 2024-25	Variation (Inc/Dec)
		377465	**340123**	**-37342**
1	Decrease in cost of Diesel oil HSD & LSD and more expenditure on Freight and Handling charges.			-28064
2	More consumption of Electric Current			-9278
	Total			**-37342**
	No Credit & Recoveries.			0
	Grand Total			**-37342**

Para No. 2.12

Demand No. 11: Staff Welfare & Amenities

(Figs in Lakhs of Rs.)

Main Head	Total Expenditure		Variation (Inc/ Dec)
	2023-24	2024-25	
100 - Educational Facilities.	20347	22864	2517
200 - Medical Services.	65043	75421	10378
300 - Health & Welfare Services.	8437	8277	-160
400 - Canteen & Other Staff Amenities.	748	864	116
500 - Welfare Bldgs. and Repairs & Maint.	16475	19406	2931
600 - Misc. Expenses.	0	0	0
Total	**111050**	**126832**	**15782**
900 - Credit & Recoveries	251	235	-16
Grand Total	**110799**	**126597**	**15798**

Explanation for variation of Working Expenses between the figures for the year 2023-24 & 2024-25

		Actuals 2023-24	Actuals 2024-25	Variation (Inc/Dec)
		110799	126597	15798
1	More claims of Tuition Fees etc.			2517
2	Increase of cost of medicines, surgical instruments etc.			10378
3	More Expenses on Sanitation and Maintains of permanent buildings			2771
4	Less payments due to electrical repair & maintenance			116
	Total			**15782**
	More Credit and Recoveries.			-16
	Grand Total			**15798**

Para No. 2.13

Demand No.12: Misc. Working Expenses

(Figs in Lakhs of Rs.)

Main Head	Total Expenditure		Variation (Inc/Dec)
	2023-24	2024-25	
100 - Security	114755	108137	-6618
200 - Compensation Claims.	6363	7316	953
300 - Workmens & Other Compensation Claims.	719	885	166
400 - Catering.	12587	4690	-7897

500 - Cost of Training of Staff.	6016	5621	-395
600 - Other Expenses.	14235	7258	-6977
700 - Hospitality & Entertainment Expenses.	7	7	0
800 Contribution to Provident Fund			0
Total	**154682**	**13394**	**-20768**
900 - Credit & Recoveries	0	1	1
Grand Total	**154682**	**133913**	**-20769**

Explanation for variation of Working Expenses between the figures for the year 2023-24 & 2024-25

		Actuals 2023-24	Actuals 2024-25	Variation (Inc/ Dec)
		154682	**133913**	**-20769**
1	More Payments on protection of Railways properties			-6618
2	Less compensation claims			953
3	More Misc. charges including catering charges			-8126
4	More Other Expenses		.	-6977
	Total			**-20768**
	Less Credit & Recoveries.			1
	Grand Total			**-20769**

Para No. 2.14

Demand No. 13: Provident Fund, Pension & Other Retirement Benefits

(Figs in Lakhs of Rs.)

Main Head	Total Expenditure		Variation (Inc/Dec)
	2023-24	2024-25	
100 - Superannuation & Retiring Pension	325729	346843	21114
200 - Commuted Pension	44863	44941	78
300 - Ex-Gratia Pension.	7	199	192
400 - Family Pension.	6004	6536	532
500 - Death-cum-Retiring Gratuity.	56184	60637	4453
600 - Other allow., Other Pension & Other Exp.	10497	12825	2328
700 - Gratuities & Special contribution to P.F.	32566	34965	2399
800 - Contribution to P.F.	71936	82069	10133
890-New Pension Scheme			0
Total	**547786**	**589015**	**41229**
900 - Credit & Recoveries	475850	506947	31097
Grand Total	**71936**	**82068**	**10132**

Explanation for variation of Working Expenses between the figures for the year 2023-24 & 2024-25

		Actuals 2023-25	Actuals 2024-25	Variation (Inc/Dec)
		71936	**82068**	**10132**
1	More Superannuation & Retiring Pension			21114
2	More Payment of Family Pension and Other Expenses.			532
3	More Commutation Pension.			270
4	More Payment of DCRG			4453
5	More payments of Gratuities			14860
	Total			**41229**
	More Credit & Recoveries			31097
	Grand Total			**10132**

Para 2.15 Operating Ratio

Operating Ratio for the year 2024-2025 comes to 1354.66% as compared to 134.73% during the year 2023-2024.

Para No. 2.16

Statement showing abstract-wise expenditure for the year 2024-25

(Figs in Lakhs of Rs.)

S. N.	Particulars	2023-24	2024-25	Increase/ Decrease
1	A - Genl. Superintendence & Service	92368	98161	5793
2	B - Repair & Maintenance of P.Way & Works.	221916	234369	12453
3	C - Repair & Maintenance of Motive Power	139858	146599	6741
4	D - Repair & Maintenance of Carriage & Wagons	265330	268729	3399
5	E - Repair & Maintenance of Plant & Equipment	77962	104406	26444
6	F- Operating Expenses Rolling Stock & Equipment.	248110	264396	16286
7	G - Operating Expenses Traffic.	527733	493935	-33798
8	H - Operating Expenses Fuel.	377465	340124	-37341
9	J - Staff Welfare Amenities.	110799	126598	15799
10	K - Misc. Working Expenses.	154683	133914	-20769
11	L - Provident Fund, Pension & Other retirement benefits.	544332	569213	24881
12	M - Appropriation to DRF.	20600	20600	0
13	N - Pension Fund.	593100	690274	97174
	Total	**3374256**	**3491318**	**117062**

Para No. 2.17

Review of Losses of Stores

(Figs in Lakhs of Rs.)

	2023-24 - 2024-25	Fuel	Others	Total
		0	59	59
		0	97	97
	The above losses are due to:-			
1	Theft of Rolling Stock.			
2	Theft to Train fitting from the Coaches.			
3	Theft on P. Way Materials			
4	Losses of Stores in Transit			
5	Cross out Accident			

Para No. 2.18

Results indicating trend since formation of Northern Railway

(Figs in Lakhs of Rs.)

Year	Capital Outlay	Gross Earnings	Inc./ Dec. % age Over Prev. Year	Gross Working Expenses	Inc./ Dec. % age Over Prev. Year	Net Earnings	Inc./ Dec. % age Over Prev. Year	% age return on outlay system
1953-54	13690	4569	0.37	3420	3.96	1140	0.97	8.33
1954-55	14025	4285	-6.22	3517	2.84	768	67.37	5.48
1955-56	14969	5009	16.90	3935	11.89	1074	139.84	7.17
1956-57	16401	5981	19.41	4313	9.61	1168	108.75	7.12
1957-58	18136	6052	1.19	4647	7.74	1414	121.06	7.80
1958-59	20027	6050	-0.03	4776	2.78	1278	90.38	6.38
1959-60	20921	6329	4.61	4950	3.64	1379	107.90	6.59
1960-61	22269	6464	2.13	5275	6.57	1171	84.92	5.26
1961-62	24123	7169	10.91	5895	11.75	1274	108.80	5.28
1962-63	26522	8094	12.90	6326	7.31	1768	138.78	6.67
1963-64	29205	9210	13.79	7000	10.65	2210	125.00	7.57
1964-65	33115	9232	0.24	7739	10.56	1473	66.65	4.45
1965-66	34928	10458	13.28	8592	11.02	1866	126.68	5.34
1966-67	37275	11008	5.26	9513	10.72	1495	80.12	4.01
1967-68	39555	11414	3.69	10358	8.88	1056	70.64	2.67
1968-69	41677	13414	17.52	11188	8.01	2226	210.80	5.34
1969-70	43119	14197	5.84	11848	5.90	2349	105.53	5.45
1970-71	43352	14680	3.40	12463	5.19	2217	94.38	5.11
1971-72	47886	16338	11.29	13432	7.78	2906	131.08	6.07
1972-73	50754	17836	9.17	14884	10.81	2952	101.58	5.82
1973-74	52951	16563	-7.14	16195	8.81	368	12.47	0.69
1974-75	56053	21300	28.60	20191	24.67	1112	302.17	1.98
1975-76	58721	27464	28.94	24946	23.55	2518	226.44	4.29

1976-77	61205	31395	14.31	26582	6.56	4813	191.14	7.86
1977-78	65661	33654	7.20	27525	3.55	6129	127.34	9.33
1978-79	68625	33322	-0.99	29671	7.80	3651	59.57	5.32
1979-80	72738	36760	10.32	35017	18.02	1743	47.74	2.40
1980-81	80386	42386	15.30	41489	18.48	878	50.37	1.09
1981-82	86174	58531	38.09	50702	22.21	7829	891.69	9.09
1982-83	92913	74066	26.54	64168	26.56	9898	126.43	10.65
1983-84	96308	81346	9.83	76292	18.89	4954	50.05	5.14
1984-85	105670	87549	7.63	80984	6.15	6565	132.52	6.21
1985-86	112976	106007	21.08	91543	13.04	14474	220.47	12.81
1986-87	132640	130222	22.84	108910	18.97	21313	147.25	16.07
1987-88	154114	149116	14.51	122331	12.32	26785	125.67	17.38
1988-89	179757	154161	3.38	135569	10.82	18592	69.41	10.34
1989-90	208861	183503	19.03	152916	12.80	30587	164.52	14.64
1990-91	232706	198580	8.22	179029	17.08	19551	63.92	8.40
1991-92	262855	227079	14.35	199469	11.42	27610	141.22	10.50
1992-93	301202	270292	19.03	233576	17.10	36716	132.98	12.19
1993-94	306575	308505	14.14	251532	7.69	56973	155.17	18.58
1994-95	326255	328990	6.64	274851	9.27	54139	95.03	16.59
1995-96	326781	380762	15.74	304801	10.90	75961	140.31	23.25
1996-97	346467	421085	10.59	351752	15.40	69333	91.27	20.01
1997-98	374402	479107	13.78	435845	23.91	43262	62.40	11.55
1998-99	397330	531780	10.99	472199	8.34	59581	137.72	15.00
1999-2000	448688	622173	17.00	514369	8.93	107804	180.94	24.03
2000-01	521433	630156	1.28	568336	10.49	61820	57.34	11.86
2001-02	652129	657589	4.35	590650	3.93	66939	108.28	10.26
2002-03	740855	731571	11.25	619191	4.83	112380	167.88	15.17
2003-04	902074	500275	-31.62	453390	-26.78	46885	41.72	5.20
2004-05	835519	534379	6.82	496036	9.41	38343	81.78	4.59
2005-06	997009	631869	18.24	518201	4.47	113668	296.45	11.40
2006-2007	425184	675692	6.94	579110	11.75	675692	594.44	158.92
2007-2008	442293	695510	2.93	646449	11.63	712208	105.40	161.03
2008-2009	233595	748140	7.57	647254	0.12	100886	85.86	43.19
2009-2010	373473	876840	17.20	988184	52.67	111344	210.36	29.81
2010-2011	516705	977580	11.49	1096806	10.99	119226	106.61	23.07
2011-2012	575461	1049845	7.39	1269940	15.79	220095	184.60	38.25
2012-2013	659049	1233307	17.48	1395459	9.88	162152	73.67	24.60
2013-2014	794147	1500917	21.70	1652768	18.44	-151851	-93.65	-19.12
2014-2015	848634	1508549	0.51	1774789	7.38	-266240	175.33	-31.37
2015-2016	1628644	1588961	5.33	1826882	2.94	-237921	89.36	-14.61
2016-2017	1473089	1626100	2.34	1932574	5.79	-306474	128.81	-20.80
2017-2018	798608	1760950	8.29	2061913	6.69	-300963	98.20	-37.69
2018-2019	1480209	1642492	-6.73	2167313	5.11	-524821	174.38	-35.46
2019-2020	2282567	1295898	-21.10	2005906	-7.45	-710008	135.29	-31.11
2020-2021	1824308	1020486	-21.25	1567982	-21.83	-547496	77.11	-30.01
2021-2022	3613637	1603645	57.15	2343262	49.44	-739617	135.09	-20.47
2022-2023	3637998	2237603	39.53	2648827	13.04	-411224	55.60	-11.30
2023-2024	4477214	2153802	-3.75	2901860	9.55	-748058	181.91	-16.71
2024-2025	4198195	2214564	2.82	3004173	3.53	-789609	105.55	-18.81

Para 2.19

Statement of Capital-at-Charge 2024-25

(Figs in Lakhs of Rs.)

The Capital-at-Charge of this Railway stood at the net increment of Rs. 5710567 lakhs
A. The Capital expenditure of Rs Lakhs during the year incurred as:-

1	Construction of New Lines (Plan Head 11)	1175771
2	Gauge Conversion (Plan Head 14)	0
3	Doubling (Plan Head 15)	185068
4	Traffic facilities & Yard remodeling and others (Plan Head 16)	55549
5	Computerization (Plan Head 17)	22975
6	Railway Research (Plan Head 18)	4244
7	Rolling Stock (Plan Head 21)	639998
8	IRFC lease Charges (Plan Head 22)	373034
9	RSW (Unmanned, Plan Head 29)	9043
10	RSW (ROB/RUB, Plan Head 30)	72663
11	Track Renewal (Plan Head 31)	300989
12	Bridge Works. (Plan Head 32)	24191
13	Signalling & Telecommunication. (Plan Head 33)	51612
14	Other Electrical Works (Plan Head 36)	650
15	Electrical Traction (Plan Head 37)	0
16	Machinery & Plant (Plan Head 41)	7768
17	Workshop Repairs (Plan Head 42)	22296
18	Staff Quarters (Plan Head 51)	5836
19	Amenities for Staff (Plan Head 52)	0
20	Amenities for Passengers (Plan Head 53)	157170
21	Investment in Govt./ Commercial Undertakings (Road Service) (Plan Head 61)	2574082
22	Investment in Govt. Undertakings (Plan Head 62)	0
23	Other Specified Works (Plan Head 64)	26765
24	HRD Training (Plan Head 65)	612
	Total	**5721912**
	Suspense	25037
	Less credit including receipt of Capital A/C	36382
	Grand Total	**5710567**

Para 2.20

Depreciation Reserve Fund 2024-25

(Figs in Lakhs of Rs.)

The details of expenditure on Renewal & Replacement from the Fund are given below

1	New Lines	0
2	Gauge Conversion	0
3	Doubling	0
4	Traffic Facilities & Yard remodelling and others	63
5	Computerization	1117
6	Railway Research	130
7	Rolling Stock	5187
8	Bridge Works	1296
9	Signalling & Telecommunication	0
10	Track Renewal	0
11	Other Elect. Works	95
12	Machinery & Plant	2254
13	Workshop Incl. Production Units	757
14	Staff Quarters	1274
15	Amenities for Staff	0
16	Amenities for Passengers	264
17	Other Specified Works	1303
18	HRD/Training	0
	Total	**13740**
	Less credit for released Material	2530
	Net Withdrawals	**11210**

Para No. 2.21

Open Line Works Revenue 2024-25

(Figs in Lakhs of Rs.)

1	Staff Amenities	0
2	Traffic facilities	0
3	Staff Quarters	0
4	Computerization	0
5	Workshop	0
6	Railway Research	0
7	Signalling	0
8	Other Works	0
9	Other Electrical works	0

10	M. Plant	0
11	Passenger Amenities	0
12	Bridge works	0
	Total	0
	Remarks:- OLWR has been closed	

Para No. 2.22

Development Fund 2024-25

(Figs in Lakhs of Rs.)

Passengers welfare works and other Railway user works(DF-I)	1813
Labour/Staff Welfare works costing (DF-II)	1556
Un-remunerative works (DF-III)	5991
Safety Works(DF-IV)	14
Total	**9374**

Para. No. 2.23

Schedule of Expenditure for the Year 2024-25 Under Plan Head Development Fund

(Figs in Lakhs of Rs.)

	Items Particular	**2024-25**
1	Traffic Facilities- Yard Remodeling	1249
2	Computerization	3601
3	Railway Research	1138
4	Bridge Works	0
5	Signalling & Telecommunication Works	0
6	Other Electrical Works	25
7	Electrical Traction Works	0
8	Machinery & Plant	618
9	Workshops including Production Works	182
10	Staff Quarters	579
11	Amenities for Staff	0
12	Passengers Amenities	588
13	Other Specified Works	1125
14	Rolling Stock	0
15	HRD / Training	269
	Total	**9374**

Statement No 2.24 Of Works Expenditure (Demand No.16)
For The Year 2024-2025

(Figs in Lakhs of Rs.)

	SUB-HEAD OF DEMAND		CAPITAL	DRF	DF- I	DF- II	DF-III	DF- IV	SAFETY FUND	RRSK	CAPITAL COVID	SGF	CAPITAL N	TOTAL
11	NEW LINES	(VOTED)	143221						1031385					1174606
11	NEW LINE (CONSTRUCTION)	(CH)	1045						120					1165
14	GAUGE CONVERSION	(VOTED)	0											0
14	GAUGE CONVERSION (CH)	(CH)	0											0
15	DOUBLING	(VOTED)	184731											184731
15	DOUBLING	(CH)	337											337
16	TRAFFIC FACILITIES-YARD REMODELING	(VOTED)		64	127		1123			13131				55549
16	TRAFFIC FACILITIES-YARD REMODELING	(CH)	0											0
17	COMPUTERISATION.	(VOTED)	18257	1117	860		2741							22975
17	COMPUTERISATION	(CH)												0
18	RAILWAY RESERCH	(VOTED)	2896	130		558	580			80				4244
18	RAILWAY RESERCH.(CH)	(CH)	0											0
21	ROLLING STOCK	(VOTED)	612584	5187						8717		13510		639998
22	ROLLING STOCK (Lease Charge)	(VOTED)	373034											37304
29	RSW LXING	(VOTED)							9043	0				9043
30	ROAD SAFETY	(VOTED)							46991	25672				72663
30	ROAD SAFETY (CH)	(CH)								0				0

31	TRACK RENEW-ALS	(VOTED)							251117	49872				300989
31	TRACK RENEW-ALS	(CH)												0
32	BRIDGE WORKS	(VOTED)		1296					2456	20336				24088
32	BRIDGE WORK	9CH0							103					103
33	SIGNALLING & TELECOM WORKS	(VOTED)	19468							32144				51612
33	SIGNALLING & TELECOM WORKS	(CH)	0											0
35	ELECTRIFICATION PROJECTS	(VOTED)	650											650
36	OTHER ELECTRIC WORKS	(VOTED)	5933	95	0		24			5524				11596
36	OTH ELECTRIC WORKS	(CH)	0							0				0
41	MACHINERY & PLANT	(VOTED)	1557	2254	130	148	340	0		3339				7768
41	MACHINERY & PLANTS	(CH)												0
42	W/SHOPNCL. PROD.UN	(VOTED)	18839	757	0	9	159	14		2518				22296
42	W/SHOP INCL. PROD. UN	(CH)	0											0
51	STAFF QUARTERS	(VOTED)	3983	1274	46	528								5831
51	STAFF QUARTERS (CH)	(CH)	0			4								4
52	AMENITIES FOR STAFF	(VOTED)	0											0
52	AMENITIES FOR STAFF (CH)	(CH)	0											0
53	PASSANGER AMENTIES	(VOTED)	151552	264	589	0	0			4795				157170
53	PASSANGER AMENTIES (CH)	(CH)	0											0
61	INVESTMENT IN GOVT. COMM.	(VOTED)	2574082											2574082

	UND.-ROAD SER-VICES													
63	COML. U/TAKING													0
64	OTHER SPECIFIC WORKS	(VOTED)	19777	1303	51	309	759			3047			1514	26760
64	OTHER SPECIF-WORK (CH)	(CH)	0	0			6							6
83	New LINE CONST (CH)	(CH)												0
83	NEW LINE CONT (DIV FREE)													0
65	HRD/ TRAINING	(VOTED)	117		10		259			226				612
65	HRD/ TRAINING	(CH)												0
	TOTAL FINAL HEAD INCLUD.													
	TOTAL	(VOTED)	4171775	13741	1813	1552	5985	14	1340992	169401	0	13510	1514	5720297
		(CH)	1382	0	0	4	6	0	223	0	0	0	0	1615
	(DETAIL ATTACH) R.D.S.O.		0	130	0	558	580	0	0	80	0	0	0	1348
	TOTAL EXCLUD-ING R.D.S.O.		4171775	13611	1813	994	5405	14	1340992	169321	0	13510	1514	5718949
	TOTAL EXCLUD-ING CHARGED		1382	0	0	4	6	0	223	0	0	0	0	1615
	SUSPENSE HEAD		CAPITAL	DRF	DF-I	DF-II	DF-III	DF-IV	SAFETY FUND	RRSK	CAPITAL FUND		CAPITAL N	TOTAL
	D E B I T													
71	PURCHASE.		273348											273348
	SALES		103126											103126
														0
	STORES.		341016											341016
														0
72	W/SHOP SUS-PENSE		248345											248348

	Other MGF.SUS-PENSE.		89											89
														0
73	MISC. ADVANCE		25372											25372
	MTP /Railways		0											0
	TOTAL-DEBIT SUSPENSE.		991296											991296
	VOTED.													0
	CHARGED.													0
														0
	CREDIT													0
71	PURCHASE		262882											262882
														0
	SALES		102221											102221
														0
	STORES		341238											341238
72	W/SHOP SUS-PENSE		250126											250126
	Other MFG.SUS-PENSE		1											1
														0
73	MISC. ADVANCE.		9791											9791
														0
	TOTAL- CREDIT SUSPENSE		966259	0	0	0	0	0	0	0	0		0	966259
		VOTED												0
		CHARGED.												0
	TOTAL FINAL SUSP. HEAD	0	25037	0	0	0	0	0	0	0	0		0	25037
	TOTAL FINAL SUSP HEAD (CH)		1382						223	0				1605
	DEDUCT CREDITS INCLUD													
	RECEIPT OF CAPI-TAL A/C		0	2530	0	0	0	0	13445	20407	0		0	36382

	RECEIPT OF CAPI-TAL A/C	CHARGED.									0			0
	NET FINAL SUS-PENSE HEAD.	0	4196812	11211	1813	1552	5985	14	1327547	148994	0	13510	1514	5708952
	NET FINAL SUSP HEAD (CH)		1382	0	0	0	0	0	223	0	0	0	0	1605
	ADD LOSS BY EXCHANGE													
	DEDUCT GAIN BY EX-CHANGE													
		0	4196812	11211	1813	1552	5985	14	1327547	148994	0	13510	1514	5708952
	TOTAL CH		1382	0	0	0	0	0	223	0	0	0	0	1605
	DEDUCT EXP.													
	NET CAPITAL OUTLAY (VOTED)		4196812	11211	1813	1552	5985	14	1327547	148997	0	13510	1514	5708952
	NET CAPITAL OUTLAY (CH)		1382	0	0	0	0	0	223	0	0	0	0	1605
										(CRM STATE-MENT)				
	SUB-HEAD OF DEMAND		DRF	DRF	RSF	RSF	CAP-ITAL	CAPI-TAL	RRSK	RRSK	CAPITAL FUND	CAP. FUND	TOTAL	TOTAL
			FOR	TO END OF	FOR	TO END OF	FOR	TO END OF	FOR	TO END OF	FOR	TO END OF	FOR	TO END
			Mar- 25	Mar- 25	Mar-25	Mar-25	Mar-25	Mar-25	Mar- 25	Mar- 25	Mar -25	Mar-25	Mar- 25	Mar- 25
11	NEW LINES													
	(CONSTRUCTION)		0	0	0	2532	0	0	0	0	0	0	0	2532
14	GAUGE CONVER-SION		0	0	0	0	0	0	0	0	0	0	0	0
15	DOUBLING		0	0	0	0	0	0	0	0	0	0	0	0
15	DOUBLING CH		0			0	0	0	0	0	0	0	0	0
16	TRAFFIC FACIL-ITIESYARD RE-MODELING		0	0	0	0	0	0	0	12	0	0	0	12

17	COMPUTERISA-TION.		0	0	0	0	0	0	0	0	0	0	0	0
18	RAILWAY RESERCH.		0	0	0	0	0	0	0	0	0	0	0	0
21	ROLLING STOCK		276	2528	0		0	0	0	0	0	0	276	2528
31	TRACK RENEW-ALS.		0	0	1465	10913	0	0	9156	20399	0	0	10621	31312
32	BRIDGE WORKS.		0	0	0	0	0	0	0	0	0	0	0	0
33	SIGNALLING &													
	TELECOM WORKS		0	0	0	0	0	0	0	8	0	0	0	8
36	OTHER ELECTRIC WORKS		0	0		0	0	0	0	0	0	0	0	0
41	MACHINERY & PLANT		0	0	0	0	0	0	0	0	0	0	0	0
42	W/SHOP INCL. PRODUCTION UNITS		0	0	0	0	0	0	0	0	0	0	0	0
51	STAFF QUARTERS		0	2	0	0	0	0	0	0	0	0	0	2
52	AMENITIES FOR STAFF		0	0	0	0	0	0	0	0	0	0	0	0
53	PASSANGER AME-NETIES		0	0	0	0	0	0	0	0	0	0	0	0
62	INVESTMENT IN GOVT. COML. U/ TAKING		0	0	0	0	0	0	0	0	0	0	0	0
64	OTHER SPECIFIC WORKS		0	0	0	0	0	0	0	0	0	0	0	0
83	NEW LINE (Const.) Dividend Free		0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL FINAL HEAD		276	2530858	1465	13445	0	0	9156	20407	0	0	10897	36382
	TOTAL EXCLUD-ING R.D.S.O.		276	2530	1465	13445	0	0	9156	20407	0	0	10897	36382

Para No. 2.25

Statement of Expenditure under Grant No.16 to end of March 2025 Accounts.

(Figs in Lakhs of Rs.)

Grant No.		Gross	Cr. & Recov.	Net.
16-Open Line works Revenue	(V)	0	0	0
	(Ch)	0	0	0
16-Capital.	(V)	4586177	389364	4196813
Capital Final Head		0	0	0
Capital	(Ch)	1382	0	1382
Capital Fund	(V)	0	0	0
16-DRF	(V)	13740	2530	11210
	(Ch)	0	0	0
16-Development Fund-I	(V)	1813	0	1813
	(Ch)	0	0	0
16-D.F.-II	(V)	1556	0	1556
	(Ch)	0	0	0
16-D.F.III	(V)	5981	0	5981
	(Ch)	11	0	11
16-D.F.-IV	(V)	14	0	14
	(Ch)	0	0	0
16-Saftey fund	(v)	1340992	13445	1327547
	(Ch)	222	0	222
16-SRPF	(V)	0	0	0
	(Ch)	0	0	0
16- RRSK	(V)	169401	20407	148994
	(Ch)	0	0	0
16- Capital(Nirbhaya)	(V)	1514	0	1514
16-SGF	(V)	13510	0	13510
Total	**(V)**	**6134698**	**389364**	**5708952**
CRM		0	36382	
Total	**Voted**	**6134698**	**425746**	**5708952**
	Charged	1615	0	1615

Details of Capital Expenditure

No.16-Capital	(V)	4171775	0	4171775
	(Ch)	1382	0	1382
Stores Susp.	(V)	267807	256659	111148
	(Ch)	0	0	0
Manufactures Susp.	(V)	121222	122913	-1691
	(Ch)	0	0	0
Misc. Advance	(V)	25372	9791	15581
	(Ch)	0	0	0
Total	**Voted**	**4586176**	**389363**	**4196813**
	CRM		0	
Total	**Voted**	**4586176**	**389363**	**4196813**
Charged		**1382**		**1382**

Para 2.26

NORTHERN RAILWAY: PROFIT & LOSS ACCOUNT FOR THE YEAR ENDING 31-03-2025 (COMMERCIAL LINES)

(Figs in Lakhs of Rs.)

S. N.	DEBITS PARTICULAR	2023-2024 AMOUNT	2024-2025 AMOUNT	S. N.	CREDITS PARTICULAR	2023-2024 AMOUNT	2024-2025 AMOUNT
1	WORKING EXPENSES	288595932198	298747257484	1	GROSS EARNINGS	214863145492	220966032622
2	SURVEYS	125464791	116651075	2	MISC. RECEIPTS	1333755690	1152768024
3	STATUTORY AUDIT	365630698	379084726				
4	GOVT. INSPECTION	0	0	3	SUBSIDY RECEIVED FROM CENTRAL GOVT.	0	0
5	COST OF RLY. BOARD	1055644695	1222865756	4	DIST. RECEIPTS	430311730	24967878
6	MISC. ESTABLISHMENT (A)	136908595	150293398	5	LOSS	73652368065	78472383915
7	OPEN LINE WORKS (REV.)	0	0				
8	DIVIDEND PAYABLE TO GENL. REVENUE	0	0				
9	PROFIT	0	0				
	TOTAL	**290279580977**	**300616152439**		**TOTAL**	**290279580977**	**300616152469**

Para 3.26 (A)

NORTHERN RAILWAY: PROFIT & LOSS ACCOUNT FOR THE YEAR ENDING 31-03-2025 (STRATEGIC LINES)

(Figs in Lakhs of Rs.)

S. N.	DEBITS PARTICULAR	2023-2024 AMOUNT	2024-2025 AMOUNT	S. N.	CREDITS PARTICULAR	2023-2024 AMOUNT	2024-2025 AMOUNT
1	WORKING EXPENSES	1590070450	1670064820	1	GROSS EARNINGS	517076250	490331536
2	STATUTORY AUDIT	0	0	2	MISC. RECEIPTS	0	0
3	DIVIDEND PAYABLE TO GENL. REVENUE	0	0	3	SUBSUDY RECEIVED FROM CENTRAL GOVT.	0	0
4	PROFIT	0	0	4	LOSS	**1072994200**	**1179733284**
	TOTAL	**1590070450**	**1670064820**		**TOTAL**	**1590070450**	**1670064820**

Para No. 2.27(A) Financial Survey 2024-2025

(I) Pattern and Trend of Earnings

The pattern and trend of earnings of Northern Railway is given below -

(Figs in Lakhs of Rs.)

Particulars	2023-2024	% age	2024-2025	% age
Passenger	846857	39.29%	923888	41.72%
Other Coaching	107880	5.07%	123267	5.57%
Goods	1099811	51.06%	948732	42.84%
Sundries	99254	4.61%	218677	9.87%
Total	**2153802**	**100.00%**	**2214564**	**100.00%**

Reasons for variation in Traffic Earnings

1. Passenger Earning Passenger Earning shown an increase of 9.09% in comparison to corresponding period of last year.
2. Other Coaching Other coaching earning has shown an increase of 14.26% in comparison to corresponding period of last year.
3. Goods Goods earning showing a decrease of -13.73% in comparison to corresponding period of last year.
4. Sundry Sundry earning shown an increase of 120.32% in comparison to corresponding period of last year.

Para No. 2.27(B) Financial Survey 2024-2025

(II) Pattern & Trend of Expenditure

The working expenses have been analysed in the table to indicate the essential subject on which the expenditure was incurred

(Figs in Lakhs of Rs.)

Working Expenses	2023-24	% of Total.	2024-25	% of Total.
Rolling Stock & Equipments	248109	8.55	264396	8.80
Traffic	527733	18.19	493935	16.44
Fuel	377465	13.01	340123	11.32
Total	1153307	39.74	1098454	36.56
Genl Supdt. & Services	92368	3.18	98161	3.27
Repair & Maintenance	705067	24.30	754103	25.10
Staff Welfare & Amenities	110799	3.82	126598	4.21
Misc. Working Exp.	154683	5.33	133914	4.46
Provident Fund & other retirement benefits.	71936	2.48	82069	2.73
Appropriation to D.R.F.	20600	0.71	20600	0.69
Appropriation to Pension Fund	593100	20.44	690274	22.98
Total	**2901861**	**100**	**3004173**	**100**
Operating Ratio			**2023-24**	**2024-25**
% of Ordinary Working Expenses + Appr. To (DRF + Pension Fund.) to Gross Earnings	134.73%	135.66%		

PARA 2.28

PERFORMANCE OF ACCOUNTS DEPARTMENT. (FROM APRIL 2023 TO MARCH 2024)

(Figs in Lakhs of Rs.)

	PARTICULAR	Target for 2025-2026	Actual 2013-2014	Actual 2014-2015	Actual 2015-2016	Actual 2016-2017	Actual 2017-2018	Actual 2018-2019	Actual 2019-2020	Actual 2020-2021	Actual 2021-2022	Actual 2022-2023	Actual 2023-2024	Actual 2024-2025
1	Capital at Charge		36850.33	44364.76	53329.71	66410.13	73553.57	88699.54	111542.85	104107.32	165939.00	202319.00	247112.00	289109
	Investment from Capital Fund													
2	Traffic Earning	26507.20	15009.17	15085.49	15889.61	16261.00	17609.50	16424.92	12958.98	10204.86	16036.45	22376.03	21538.02	22145.63
	Suspense	11.00	12.26	6.00	6.23	6.11	18.12	11.24	-146.72	24.72	14.10	11.76	12.26	36.49
	Gross Traffic Receipt	26518.20	15021.43	15091.49	15895.84	16267.11	17627.62	16436.16	12812.26	10229.58	16050.55	22387.79	21550.28	22182.12
3	Ordinary Working Expenses	26525.91	11906.77	12678.89	12792.82	13964.74	14837.41	16391.63	17253.29	15511.00	17432.00	19996.07	22881.62	22932.99
	Excl. Suspense													
	Appropriation to Depreciation	8323.69	4620.91	5069.00	5476.00	5361.00	5781.72	5281.50	2777.55	105.00	599.00	6498.00	6137	7108.74
	Reserve and Pension fund													
	Total Working Expenses	34849.60	16527.68	17747.89	18268.82	19325.74	20619.13	21673.13	20030.84	15616.00	18031.00	26494.07	29018.62	30041.73
	Excl. Suspense													
4	Net Revenue		1506.25	2656.40	-2372.98	-3058.63	-2991.51	-5236.97	-7218.58	-5386.42	-1980.45	-4106.28	-7468.34	-7896.10
5	Payment of Genl. Revenue		1660.59	2026.99	1946.03	0.00	0.00	0.00						
6	Surplus		-1441.75	-2662.40	-4319.01	-3058.63	-2991.51	-5236.97	-7218.58	-5386.42	-1980.45	-4106.28	-7468.34	-7896.10
7	Operating Ratio	131.50	110.12	117.65	114.97	118.85	117.09	131.95	154.8	153.65	147.94	118.38	134.73	135.66
8	Ratio of Net Revenue to		4.09	5.99	-4.45	-4.61	-4.07	-5.90	-6.47	-5.17	-1.19	-2.03	-3.02	-2.73
	Capital Charges													
	Ratio of Net Revenue to		4.09	5.99	-4.45	-4.61	-4.07	-5.90	-6.47	-5.17	-1.19	-2.03	-3.02	-2.73
	Capital Charges & Invest.													
	from Capital Fund													
9	Credit Released fund .		104.82	110.89	169.08	192.95	27.83	3.52	3.38	3.57	10.94	8.87	8.57	2.52
	Material (Revenue Expenses													
	Grant Credit Released Fund)		193.77	236.38	169.19	193.42	144.7	84.16	241.11	280.54	408.44	686.41	364.1	363.8
	Material Works Grant													
	Note: Target for Capital at charge are based on budgetary figures contained in Integrated Budgetary financial figures 2022-23													

Achievements of NR for FY 2024-25

Achievements of Budget Section

- For the FY 2024-25, in NR Controlled segment CAPEX Utilization has been achieved at 100%
- In FY 2024-25 (up to 31.03.2025) under the revenue expenditure (OWE) savings has been registered over FY 2023-24.

Achievement of Workshop & Store /HQ

- The repair and maintenance charges of Mil Rail was lying unclaimed from the FY 2016-17 to 2024-25. Special efforts were made and after several correspondence/meetings an amount of Rs 105.90 Crore related to Mil Rail (Defense Stock) has been received from MoD. Amount received in the FY 2024-25 is for the FY 2016-17 to 2023-24.

Traffic Accounts

- Clearance of pending amounts of Rs 129.53 cr. from various Department of Central and State Govt from April 2024 to March 2025.
- In the current financial year, outstanding of Rs 81.95 cr. against stations has been cleared from April 2024 to March 2025.

Financial Savings:

- Significant financial savings of Rs 241.63 Crores (Appx.) achieved through internal check of Finance, Settlement and Bill scrutiny.

Scrap Disposal

- In the financial year, total Rs 781.06 Crores (Appx.) sale of scrap has been done.

Bills Recoverable:

- A clearance of Rs. 1001.27 Cr. has been achieved in the current year ie. 2024-25 in bills recoverable.

Leave vetting on HRMS

- 114423 out of 127035 employees leave have been vetted in HRMS, and all leaves are applied and sanctioned through HRMS portal.

Advance Service Record vetting

- Pre-checking of 'Advance Vetting of Service Records' for retirement years 2024-2030 has been done (11071 out of 21606 cases). All retirement cases are settled, and payments are credited within the same month

Others:

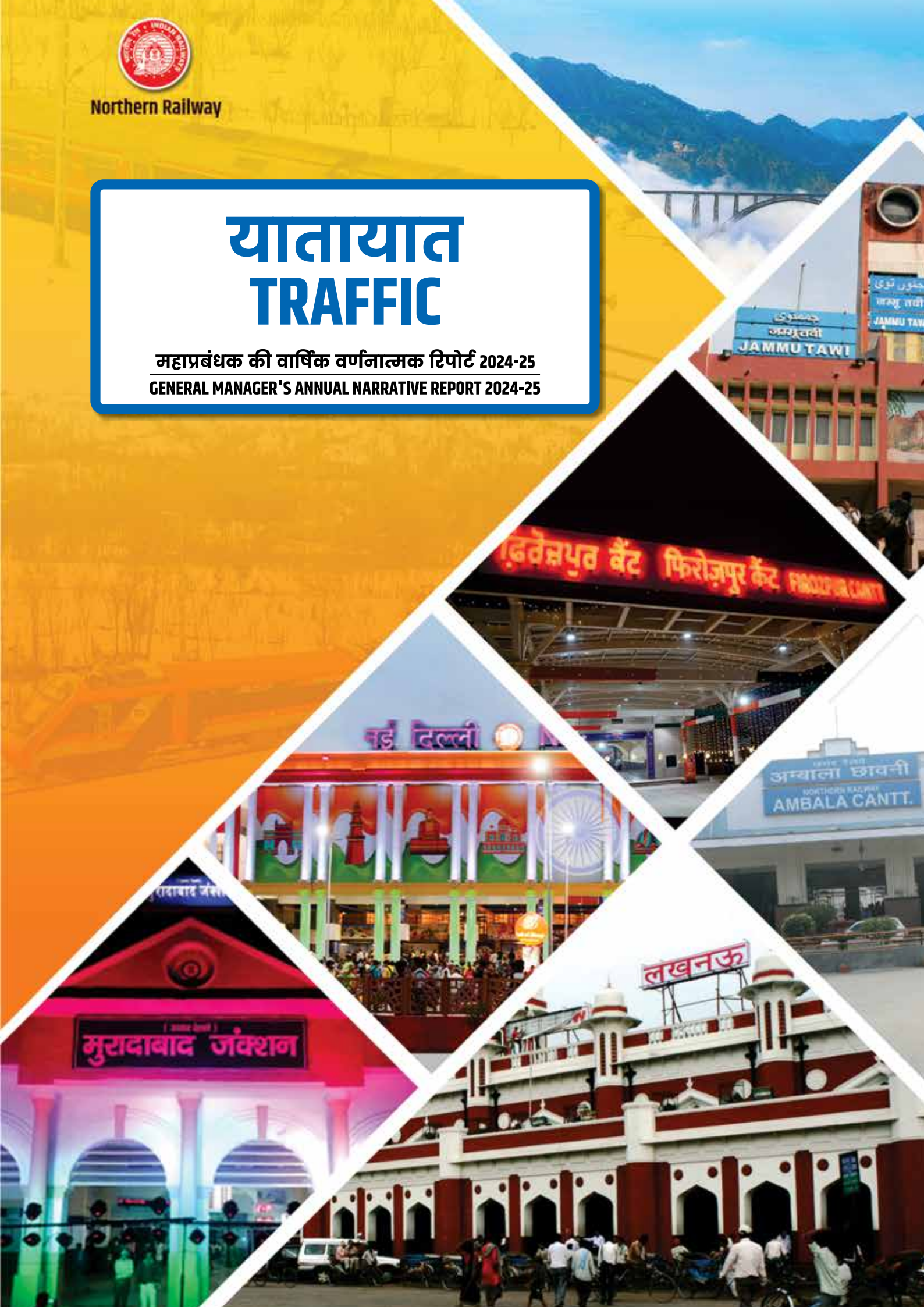
- An orientation program for the newly recruited 250 Junior Accounts Assistants and Accounts Clerks across all the offices of Delhi region was held on 27th May 2024 at National Rail Museum.
- A sessions on Income Tax, D&AR and legal matters was held update employees.
- A workshop was organized on May 3, 2024, at NR headquarters for executive departments to enhance knowledge about the intricacies of budgeting, their roles and responsibilities at different stages of budgeting.
- In 2024, TAO/NR has revived the practice of issuing TIAs e-Bulletin after a gap of 9 years. The 2nd Edition of TIA Bulletin was launched in Dec-24 highlighting the functioning of JTBS (digital copy enclosed).

Northern Railway

यातायात
TRAFFIC

महाप्रबंधक की वार्षिक वर्णनात्मक रिपोर्ट 2024-25

GENERAL MANAGER'S ANNUAL NARRATIVE REPORT 2024-25



CHAPTER - III

3.1.1 About the Department

The Commercial department is headed by Principal Chief Commercial Manager (PCCM). This department is concerned with all facets of Commercial working, from selling tickets and booking goods through rendering services to passengers at stations and on board trains to dealing with compensation claims.

3.1.2 Highlights of the year

3.1.2.A Passenger Marketing

Computerized Reservation ticketing system over Northern Railway

a. Passenger Reservation System (PRS) Delhi

- At present, 393PRS locations are functioning over Northern Railway

b. Yatri Ticket Suvidha Kendra (YTSK)

With a view to expanding the facilities for issue of tickets (both reserved and unreserved) it has decided by Railway Boards to allow establishment and operation of computerized PRS-cum UTS terminals known as Yatri Ticket Suvidha Kendra (YTSK) and Jan Sadharan Ticket Booking Seva (JTBS).

Division	No. of YTSK Locations
DLI	132
FZR	4
LKO	7
UMB	1
MB	6
TOTAL	**150**

At present, YTSKs are functioning at 150 locations over Northern Railway Division wise details of YTSK are as under:-

c. Report of S&T Unit

- PRS/UTS working during 2024-25 have been satisfactory and efficiency has been 99.8% to 99.9% and work done/circuit commissioned in this FY are asunder:-

S. N.	Name of work	Status of work
1	2Mbps Railway data circuit commissioned.	06 Nos.
2	MTNL/BSNL lease line data circuits surrendered and PRS working shifted on Railway OFC cable and hence save revenue of Rs.2400000/-	38 Nos.
3	Shifting of enquiry counter:-	06
	(i) From CRB Reception Room to Room no.234 at Railway Board.	
	(ii) PRS counters from Sabzimandi Station to PRS Building.	
	(iii) PRS International Tourist Bureau from IRCA to New Delhi station.	
	(iv) PRS & UTS Mukatsar, Ambala, Khanna to new building.	
4	Conversion of 64Kbps MTNL/BSNL leased line data Circuits from Copper cable to FTTH(Fiber).	30 Nos.

5	Temporary additional counter provided :-	51
	(PRS-01, UTS-08, ATVM-15 & NTES-01) at AnandVihar Terminal station	
	(PRS-02, UTS-08, ATVM-13 & NTES-03) at New Delhi station for chat Puja festival Rush.	
6	Temporary additional PRS-02 UTS-06 & NTES-01 Counters installed at SantNirankariSamagam at Bhodwal Majari.	09
7	Temporary counters installed (PRS-03, UTS-03 & NTES-01 at New Delhi.	14
	(PRS-02, UTS-04 & NTES-01) at Anand Vihar Terminal station to clear summer rush.	
8	Temporary counters installed (PRS-03, UTS-03 & NTES-01) at New Delhi and	14
	(PRS-02, UTS-04 & NTES-01) at Anand Vihar Terminal station for summer Holi festival rush.	

d. Unreserved Ticketing System (UTS)

The computerized un-reserved system (UTS) for issuing of Railway Unreserved journey tickets to passengers has been implemented on Northern Railway. Under this system passengers can purchase unreserved journey tickets 3 (Three) days in advance (Excluding the day of journey) from any station of that particular cluster (A specific group of many stations) station to any destination station subject to journey of 200 (Two Hundred) kilometers and above. For distances upto 199 kms., unreserved tickets are issued on the same day with validity of 3 hours and for the tickets for 200 kms. and above, the validity is upto 23:59 hrs of that day. Season tickets (MST, QST, HST& YST) are also issued to daily passengers. Platform tickets are also issued through UTS terminals which are valid for 2 hours from the time of booking. Regarding season tickets, with effect from 01/04/2013, new facilities of issuing half yearly (HST) & yearly (YST) season tickets have been provided to the passengers ie. the passengers can purchase now half yearly (HST) &yearly season tickets(YST) also as per their requirement.

The locations having UTS facility are connected to zonal server through Terminal Server. In addition, Thin Clients have also been provided at all NSG-6 category of stations where UTS has been commissioned and also at other NSG-1, NSG-2, NSG-3, NSG-4 & NSG-5 category of stations to render hassle free service.

To facilitate Station Managers/ Assistant Station Managers to concentrate better on train operations and also to facilitate passengers to get tickets it has been decided to appoint **StationTicket Booking Sewaks (STBS)** at 'E'-Category stations as a pilot project for one year only. Later this scheme was changed into **STBA i.e. Station Ticket booking Agents** and initially the period of contract would be 3 years. During FY 2024- 25, 141.15 lakh tickets have been issued through STBA generating revenue of Rs. 91.03 Cr. Vide Railway Board's circular No. 4 of 2022, the scheme to appoint STBA was extended for NSG-4 category stations also as a pilot project. Accordingly divisions have been instructed to engage STBA at NSG-4, NSG-5 and NSG-6 category stations. Divisions have engaged 08 STBAs as per the new policy. As per Railway board's letter dated 21.02.2025, the scheme has been extended upto 21.02.2026.

526 ATVMs were sanctioned for NR in 2014. 336 ATVMs were commissioned over 171 locations of Northern Railway. Another 117 ATVMs, were commissioned over Northern Railway during FY 2024-25. During the FY 2024-25, 261 lakh tickets have been issued

through ATVMs generating revenue of Rs.318.73 Cr. All divisions are under the process of procuring ATVMs at divisional level. Co-TVM was commissioned during the FY 2015-16. 60 Co-TVMs were installed at 14 locations over Northern Railway. During FY 2024-25, 2.89 lakh tickets have been issued through Co-TVM generating revenue of Rs.3.86 Cr. These were made un-operational w.e.f. August-2024.

To make booking of Unreserved Tickets more user friendly, easier and faster the railways has introduced the facility of booking of unreserved tickets through Mobile phones. On 1.11.2018, UTS-on-Mobile App was expanded on PAN-India basis. During FY 2024-25, 56.52 lakh tickets have been issued through UTS-on-Mobile App. generating revenue of Rs.59.46 Cr. Functionality of booking of UTS tickets for Divyanjan through UTS-on-Mobile App. has been implemented. Also the outer distance geofencing restriction on booking paperless tickets (Journey, Platform and Season) via UTs-on-Mobile has been removed for all Zonal Railways. Also the outer distance geofencing restriction on booking paperless tickets (Journey, Platform and Season) via UTS-on-Mobile has been removed for all Zonal Railways. As a pilot project, inner geofencing limit has been removed from NDLS, DLI, ANVT& NZM.

To promote digital transaction, QR devices are being installed at PRS and UTS counters over Northern Railway. Till end of FY 2024-25, 1220 QR devices have been installed over Northern Railway. In addition to this, payment for UTS tickets are being accepted through QR code at ATVM machines also.

To dispense unreserved tickets at station, M-UTS devices have been commissioned at various stations over Northern Railway. The facility of cash/ QR payment has been provided at all M-UTS devices installed over Northern Railway.

FY	Location Sanctioned	No. of Locations Commissioned
2002-03	23	22
2003-04	23	21
2004-05	25	07
2005-06	26	45
2006-07	45	20
2007-08	656	25
2008-09	No Further UTS locations were sanctioned. 35	35
2009-10		385
2010-11		98
2011-12		16
2012-13		10
2013-14		07
2014-15		14
2015-16		06
2016-17		15
2017-18		NIL
2018-19		04
2019-20		14

2020-21		05
2021-22		NIL
2022-23		01
2023-24		07
2024-25		01

NOTE: UTS has been disabled at 20 UTS locations over NR, which were converted to halt.

- Year wise commissioning of UTS LOCATIONS SINCE 15.08.2002

UTS on “E” Category of Station

S No.	Item No.	Target for 2024-25	
	UTS on “E” Category of station	Replacement of PCTs with UTS tickets: 05 NSG-6. Category in FZR div.	
1	2004-05	7	
2	2005-06	45	
3	2006-07	20	
4	2007-08	25	
5	2008-09	35	
6	2009-10	385	
7	2010-11	98	
8	2011-12	16	
9	2012-13	10	
10	2013-14	7	
11	2014-15	14	
12	2015-16	6	
13	2016-17	15	
14	2017-18	NIL	
15	2018-19		
16	2019-20	3	
17	2020-21	5	
18	2021-22	NIL	
19	2022-23	1	
20	2023-24	7	
21	2024-25	1	
	BEST EVER	Figure	385
		Year	2009-10

e. Achievement of PPM Northern Railway/IRCA/NDLS

Para wise comments pertained to PPM Cell, during the period from 01.04.2024-31.03.2025 as compared with the same of previous year is given as under:-

a) Passenger Earnings

S No.	Heads	Performance			
		2024-25 Apr. to Mar.	2023-24 Apr. to Mar	Variation	
				In figure	In % age
1.	Originating Passengers Earnings (in Lacs)	1294311	1210338	83973	6.94
	Originating Passengers Booked (in lacs)	4437	4132	305	7.38
2.	**SPL Trains (Reserved Train)**				
	Total Trips	**6271**	**2965**	**3306**	**111.50**
	Earnings (in lacs)	53087	26369	26718	101.32
3.	**Temporary Augmentation**				
	No. of Coaches(Trips)	27920	31480	-3560	-11.31
	Earning (in Lacs)	12822	15157	-2335	-15.41

f. Reservation On Internet (IRCTC)

IRCTC Online Ticket booking system is a boon to the common man, empowering the User through technology. Launched in 2002, IRCTC booked a mere 27 i-tickets on the first day of commencement of online ticketing service in the country. E-ticket booking service was started in August 2005. From just 27 i-tickets on the day of inception to a record 16.17 lakh tickets booked on 6th March 2025, IRCTC's online ticketing journey spans over two decades of remarkable growth. Today, it stands not only as a milestone in India's digital transformation but also as one of the largest e-commerce platforms in the country and the Asia-Pacific region.

The core vision behind the project was simple yet transformative: instead of making customers visit the Passenger Reservation System (PRS), bring the PRS to them. With this guiding principle, railway ticket booking through the internet is now available 24x7, with a brief 35-minute downtime daily from 23:45 hrs to 00:20 hrs for system maintenance.

Under the e-ticketing scheme, there is no need for a physical ticket—passengers can conveniently book their journey online from the comfort of their homes. A computer-generated Electronic Reservation Slip (ERS), accompanied by a valid identity card, grants access passenger to their reserved seat. The accommodation booked is not transferrable, one of the passengers named on the ERS must present any one of the twelve approved forms of ID in original during the journey; failure to do so renders all passengers on that ticket as travelling without a valid ticket, subject to existing Railway rules. In case the passenger does not carry the Electronic Reservation Slip or SMS sent by IRCTC, a charge of Rs. 50/- per ticket shall be recovered by the ticket checking staff and an excess fare ticket will be issued in lieu of that. Additionally, an SMS sent by IRCTC is also recognized as a valid travel authority when presented with appropriate ID proof.

Valid IDs: 1. Passport. 2. Voter Photo Identity card issued by Election Commission of India. 3. Driving Licence issued by RTO. 4. Pan Card issued by Income Tax Department. 5. Photo Identity card having serial number issued by Central / State Government. 6. Student Identity Card with photograph issued by recognized School/College for their students. 7. Nationalized Bank Passbook with photograph. 8. Credit Cards issued by Banks with laminated photograph. 9. Printed Unique Identification card "Aadhaar" or downloaded Aadhaar (e-Aadhaar). 10. m-Aadhaar when shown through m-Aadhaar mobile app by the passenger on his/her mobile after entering the password is accepted as proof of identity for undertaking journey in any reserved class. 11. Photo identity cards having serial number issued by public sector Undertakings of State/Central Government, District Administrations, Municipal bodies and Panchayat Administrations. 12. Passenger showing the Aadhaar/Driving Licence from the "Issued Document" section by logging into his/her DigiLocker account considered as valid proof of identity. (Documents uploaded by the user i.e. the document in "Uploaded Document" section will not be considered as a valid proof of identity).

E-ticket cancellations are permitted through www.irctc.co.in by the user. Tickets booked through Passenger Reservation Counters can also be cancelled through www.irctc.co.in by the passengers. In case e-ticket is booked through an agent, the cancellation is required to be done through the respective agent only.

g. Next Generation E-Ticketing (NGeT) System:

The IRCTC e-ticketing system was replaced with Next Generation e-Ticketing (NGeT) System from 28- Apr-2014 with new state of art Data Centre set up in CRIS premises at Chankyapuri, New Delhi. The capacity of per minute ticket booking has been increased progressively since then. The system is being upgraded regularly and is supported by high capacity servers. A record of 30,155 tickets were booked, in a minute, on 12-March-2025 at 10.01 AM. Highest ever IRCTC booking is 16,17,404 tickets in a day reported on 06 March, 2025. On an average, 13.88 lakh tickets were sold daily through IRCTC's Website/Mobile App in Financial Year 2024-25.

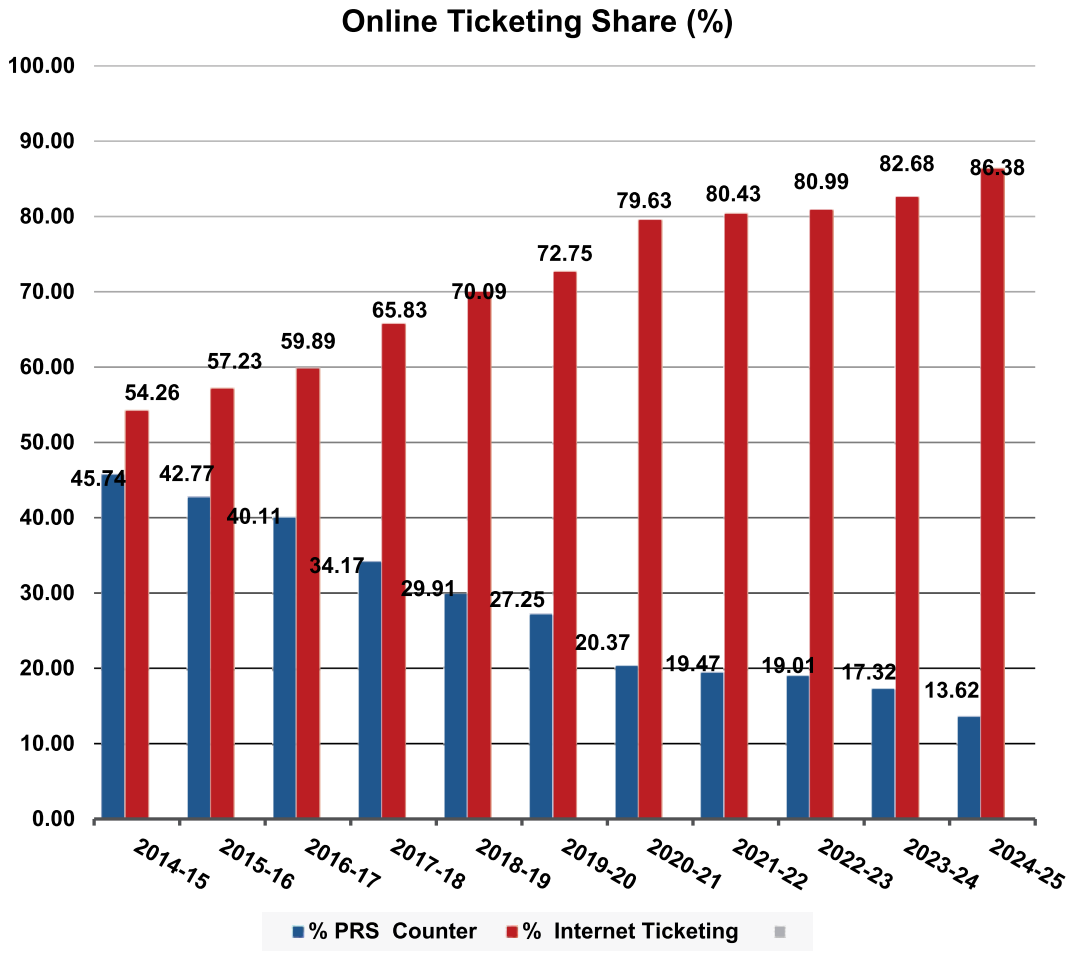
h. Details of E-Ticket Booking:

Growth of e-ticketing on IRCTC Website/Mobile App has been phenomenal since its launch in year 2002-2003. During the financial year 2024-25, 5065.28 lakh tickets for 8910.54 Lakh passengers, have been booked through IRCTC Website (www.irctc.co.in) and Rail Connect Mobile App. A total amount of Rs. 70,214.71 Crores was collected as Railway Ticket Fare through IRCTC e-ticketing Website and Mobile App for the Financial Year 2024-25.

Few important E-ticketing Statistics:

• Registered Active Users	10.01 Crores
• Online Booking Share	86.38 % of total reserved tickets
• Highest Ticket in a day (Overall)	16,17,404 on 06/03/2025
• Highest Ticket in a minute	30,155 tickets on 12/03/2025 (10.01 AM)

i. Online Ticketing Share:



j. Convenience Fee:

IRCTC used to levy a service charge of Rs. 20+Tax (2S & Sleeper Class) and Rs.40+Tax in case of all other classes (1AC, EC,2AC, 3AC, CC,3E, FC) irrespective of the number of passengers booked on E-Ticket. However, the same was withdrawn w.e.f. 23.11.2016 to 31.08.2019. IRCTC has started levying Convenience Fee w.e.f. 01- Sep- 2019 @ Rs.15/- + GST per ticket for Non-AC Classes and @ Rs.30/- + GST per ticket for AC Classes (including First Class), on the online tickets booked through IRCTC, irrespective of the number of passengers booked on a ticket;

For those Users, who make online payment for e-tickets through BHIM/UPI payment mode, the Convenience Fee is charged @ Rs.10/- + GST per ticket for Non- AC Classes and Rs.20/- + GST per ticket for AC Classes (including First Class), to promote digital payments as a Digital India initiative.

k. IRCTC Rail Connect Mobile App:

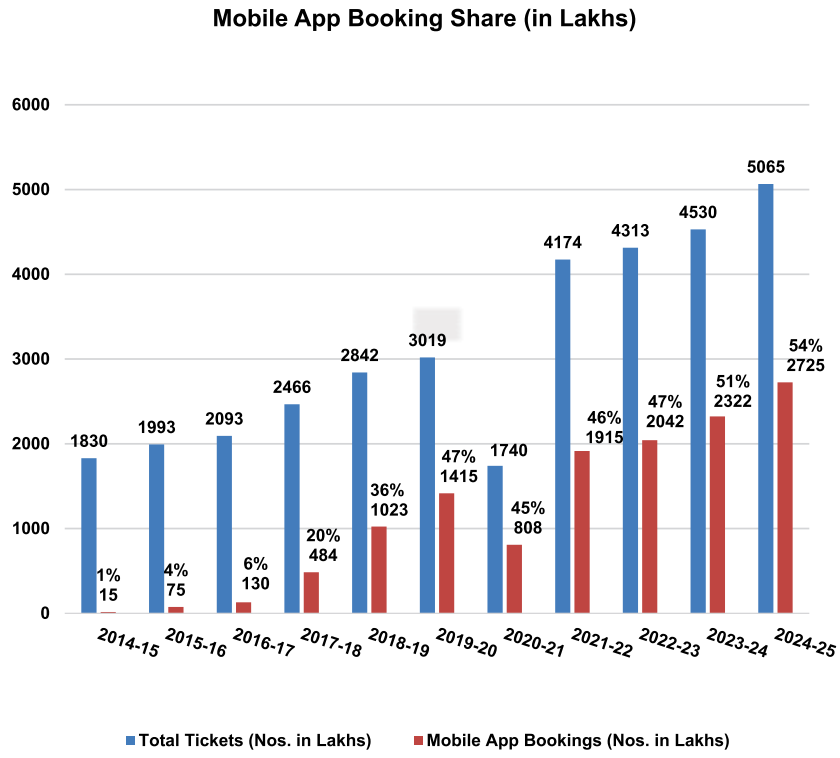
E-tickets can also be booked on IRCTC Rail Connect Mobile Apps (Android &iOS Platforms. In order to capture the ever increasing popularity and customer base and to address need of

this market segment, IRCTC had launched new Android App on Next Generation e-ticketing system in January 2017. During the year 2015-16, the average mobile ticket booking was 30,000 per day which has been increased to 7.47 Lakh tickets per day. There were a total of 14.63 Crore downloads of the Mobile App. Daily Mobile Logins were 59.79 Lakhs. 53.80% of online tickets are being booked through IRCTC Rail Connect Mobile App.

Mobile App Statistics are given below

Period	Tickets (Nos. in Lakhs)	Downloads (Nos. in Lakhs)
2014-15	15.17	25.47
2015-16	74.57	47.91
2016-17	129.90	94.71
2017-18	483.77	130.61
2018-19	1023.43	139.85
2019-20	1415.24	140.58
2020-21	808.47	128.47
2021-22	1915.37	185.01
2022-23	2042.47	213.94
2023-24	l2322.32	225.65
2024-25	2724.88	242.75

I. IRCTC Mobile App Booking Share:

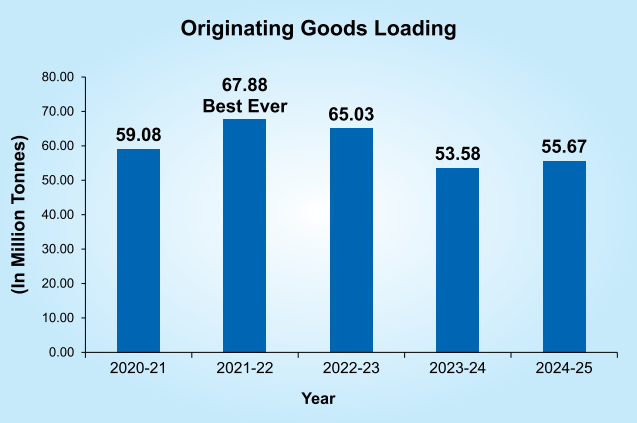


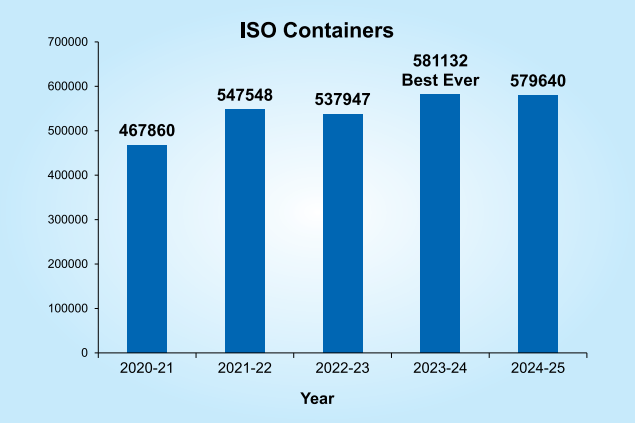
m. Payment System:

IRCTC has a robust system of payment gateways with various payment options viz., Net Banking/Credit & Debit Card/ Wallets/ BHIM/ UPI/ Autopay/ BNPL/ EMI. The transaction on this website is completely safe and secure. Bank Account or Card Account details of User are not saved in the server of IRCTC at the time of booking tickets thereby ensuring preventing any misuse. Even, Foreign user can book tickets using International Credit Card (Issued outside India).

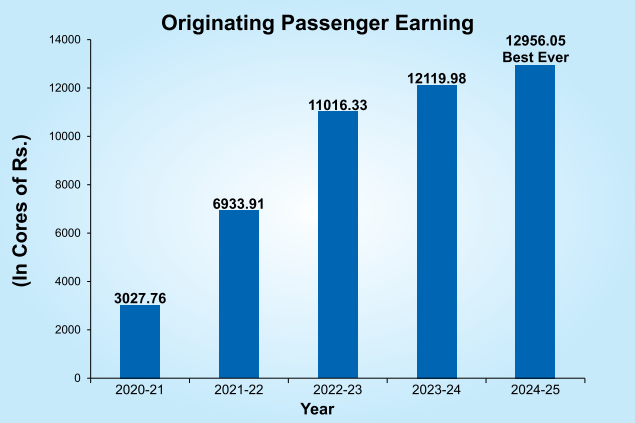
FREIGHT MARKEING

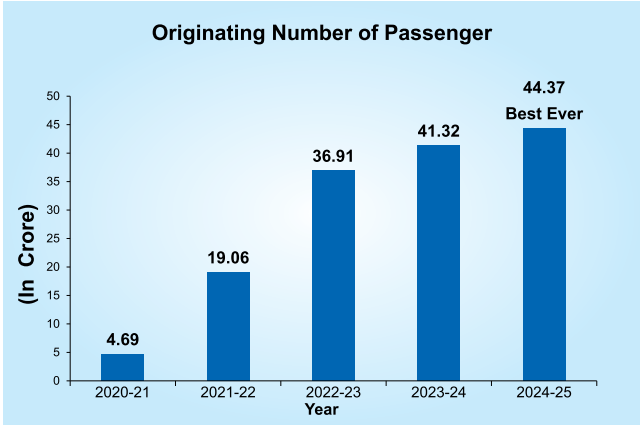
Items	Target 2024-25	2020- 21	2021- 22	2022- 23	2023- 24	2024- 25	Best Ever	
							Figure	Year
Originating Goods Loading (In Million Tonnes)	55.00	59.08	67.88	65.03	53.58	55.67	67.88	2021-22
Originating Goods Earning (Fig. in crore of Rs.)	6781.63	8109.15	9497.10	8653.87	6679.77	7762.80	9497.10	2021-22
Originating Number of Passengers (Fig. in crore)	43.52	4.69	19.06	36.91	41.32	44.37	44.37	2024-25
Originating Total Earning (Fig. in crore of Rs.)	22533.83	12372.91	17439.44	21391.32	20981.59	24154.65	24154.65	2024-25
Originating Passenger Earning (Fig. in crore of Rs.)	12764.09	3027.76	6933.91	11016.33	12119.98	12956.05	12956.05	2024-25
Container Service No.of wagons (in units)	-	467860	547548	537947	581132	579640	581132	2023-24
Container Earning (Fig. in Crore of Rs.)	-	975.93	1131.04	1233.01	1484.66	1510.67	1510.67	2024-25



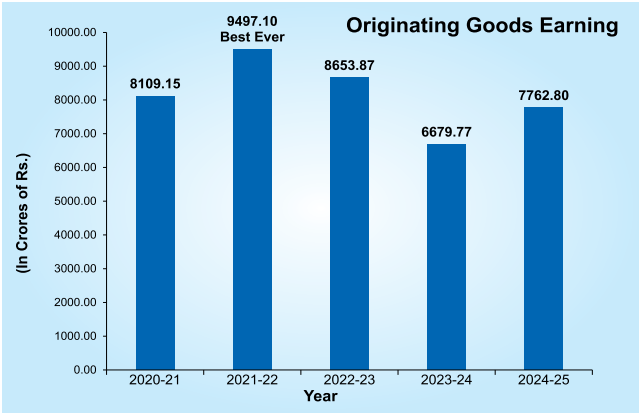












3.1.2.B Passenger Amenities

Special efforts are being made by Northern Railway to provide the passenger amenities at stations, so that direct benefit is ensured to the passengers and simultaneously help build up the image of railway. The following works have been approved/ sanctioned by Railway Board under Plan Head 53: Passenger Amenities in the Pink Book 2024-25 under Umbrella Works of 2024-25.

S. N.	Name of Umbrella Work	Allocation	Cost (in Thousands
1	Minimum essential amenities - Telecom, expansion of information system to facilitate Divyangjan and other passenger amenities items (Umbrella Work 2024-25)	Cap.	5000000
2	Provision of foot over bridges/ high level platforms at stations (Umbrella Work 2024-25)	Cap.	100000000
3	Provision of minimum essential amenities and Divyangjan facilities at stations (Umbrella Work 2024-25)	Cap.	10000000
4	Provision of parcel & goods shed related facilities on zonal Railways (Umbrella Work 2024-25)	Cap.	25000000
5	Setting up and capacity augmentation of mechanised departmental laundries (Umbrella Work 2024-25)	Cap., DF (1)	3840000
6	Setting up of quick watering arrangements at stations (Umbrella Work 2024-25)	Cap.	2500000
7	Upgradation of stations (Umbrella Work 2024-25)	Cap.	160000000

Following No. of Works have been sanctioned against Umbrella works of 2024-25 in Works Programme 2024-25

S. N.	Name of Umbrella Work	Total Works Sanctioned in 2024-25	Total Cost (In Rs Cr.)
1	Setting up of quick watering arrangements at stations (Umbrella Work 2024-25)	03	20.56
2	Upgradation of stations (Umbrella Work 2024-25)	02	2.48
	Total	**05**	**23.04**

Following No. of Works have been sanctioned against Umbrella works of 2023-24 in Works Program 2024-25

S. No.	Umbrella Works	Works Sanctioned in 2024-25	Total Cost (In Rs Cr.)
1	Major Upgradation of Railway stations on Indian Railway	02	35.50
2	Ballastless Track for Station Development	06	102.42
3	Setting up of quick watering arrangements at stations	03	20.56
4	Upgradation/Modernization of Infrastructure at Good sheds	77	483.21
5	Soft uprades/Improvements at stations	02	0.24
6	Provision of FOB/ High level platforms at stations (PhaseIII)	02	51.08
7	Northern Railway - Setting up of Quick watering arrangement at stations (62/Suppl. Dec'23/NR/2023-24)	07	31.28
	TOTAL	**99**	**724.29**

3.1.2.C Ticket Checking Performance

S. N.	Particulars	Cumulative (April-2024 to March-2025)				
		Board's Prop. Target for the Current month of Year 2024-25	Same month of Last Year 2023-24	Achieve-ment during Current month of Year 2024-25	% age Variation over Railway Board's Prop. Target	% age Variation over Last Year
1	No. of Persons detected travelling Without Tickets	Targets not fixed by Board	23.06	17.82	Targets not fixed by Board	-22.73
2	No. of Persons detected travelling With Improper Tickets	Targets not fixed by Board	15.65	13.23	Targets not fixed by Board	-15.46
3	Amount Realised as Fare and Penalty (In Rs.)	Targets not fixed by Board	24965.97	19744.52	Targets not fixed by Board	-20.91
4	Unbooked Luggage Cases Detected	Targets not fixed by Board	0.14	0.19	Targets not fixed by Board	31.40
5	Amount Realised from Un booked Luggage Cases (In Rs.)	Targets not fixed by Board	37.77	64.25	Targets not fixed by Board	70.10
6	Ticketless/Irregular Travel Plus Unbooked Luggage Cases (In Rs.)	43.95	38.85	31.24	-28.93	-19.60
[3] + [5]	Ticketless/Irregular Travel Plus Unbooked Luggage Earnings (In Rs.)	28264.00	25003.74	19808.77	-29.92	-20.78

3.1.2.D CATERING

a) Catering Earning:-

- In financial year 2024-25 Rs. 38.89 Cr. license fee has been received fro mminor static units.
- In financial year 2024-25 Rs. 22.79 Cr. Railway share of catering units (Mobile Train side vending) have been received upto Dec-24.
- In financial year 2024-25 Rs. 3.87 Cr. Railway share of Major static units have been reported by IRCTC.

b) Improvement in catering/vending arrangement:-

- The objective of OSOP is to provide enhanced livelihood and welfare of local artisan, potter, weaver etc. through a marketing channel by providing earmarked space for stalls at platforms; it would also promote local food items, handicrafts arte-facts etc.
- 199 OSOP have been commissioned over a target of 185. Presently, 147 OSOP stalls are functional.
- Optional catering in Pre-Paid trains (Rajdhani, ShatabdiDuranto &Vande Bharat) introduced.
- Green initiative has been taken by banning “Use of plastic carry bags” at catering units on stations.
- 70 water vending machines have been installed over Northern Railways.

c) Other initiatives:-

- Total existing 203 Misc. Article units and Book stalls units have been converted into Multi Purpose Stalls (MPS) units over Northern Railway.
- The special drive to ensure sale of Rail Neer PDW over Mobile and Static units from 17.02.25 to 17.03.25 was launched wherein total 322 inspections were conducted.
- A special drive was undertaken to check certification defined in FASSAI act at static units, mobile units& base kitchen from 17.03.25 to 31.03.25 was launched wherein total 621 inspections were conducted.
- Total of 77723 complaints were lodged on Rail madad portal. All complaints dealt and disposed satisfactory in the FY 24-25.

3.1.2.E Public Grievances Redressal

The integrated online Complaint Management System–RailMadad Portal is available 24/7 all days for passengers to lodge complaints (Including Medical assistance and Security matters) and get assistance - on board train and at station services. Due to paperless and user friendly design, railway customers can easily communicate with the railway administration by submitting complaints through both online and offline channels, according to their convenience:

a) Offline public complaint & suggestion channels:

i. By dialing three digits Helpline number 139 (Including Medical & Security assistance service)
ii. SMS by writing “MADAD <space> text grievance” to Helpline number 139
iii. By writing in “Complaint & Suggestion book”, available with Station superintendent of concerned Railway Station and with concerned ‘Train Superintendent’.

b) Online public complaint & suggestion channels:

i. RailMadad portal website: URL https://railmadad.indianrailways.gov.in
ii. By using APP “**RailMadad**”
iii. Tweet to concerned DRM / @GM_NRly / @RailwaySeva / @RailMinIndia

c) Performance handling for the year 2024-25 (1.4.2024 - 31.03.2025) is as under:

i. **RailMadad Based Public Grievances:**

Public Grievances: A total of **3,94,030** public grievances have been resolved out of **3,94,085** received, achieving a performance rate of **99.99%**.

Customer feedback: The complainants’ feedback rating (Average) is satisfactory. The complainants have awarded **34,874** Excellent and **26,722** satisfactory feedbacks to Northern Railway as concerned control offices provided assistance during on board train and at station. However, **76.00%** of total **3,94,085** passengers did not bother & submit any feedback.

Average disposal time: 51 minutes (Including Ticket Refund & Luggage Parcel case disposal time).

Rank of IR: 2nd (Highest positive feedback)

ii. **Centralized Public Grievance Redress and Monitoring System (CPGRAMS):**

A total of 8,982 complaints have been resolved out of 9,215 complaints, achieving a performance 97.47% disposal of public grievances. The average time for resolution is 11 days. Apart, from total disposal of appeal 1952 out of 2003 i.e. 97.45% disposal.

iii. **Manual/ DAK:** A total of 431 complaints have been resolved out of 457 received, resulting in a disposal rate of **94.31%**.

3.2 About the Department

The Operating department is concerned with the running of both passengers and goods trains and is headed by Principal Chief Operating Manager (PCOM).

The department also arranges multi modal traffic in regular coordination with Container Corporation of India. This includes both traffic for export and traffic for domestic use.

The passenger traffic has seen a constant increase over the years, due to increase in population as well as due to increased requirement to travel due to economic development. The freight traffic has also increased simultaneously. The Operating Department has to examine these increasing requirements and has to organize for satisfying the same. This also involves planning for infrastructural development and as such the Operating department also plays a pivotal role in planning.

3.2.1 Highlights of the year

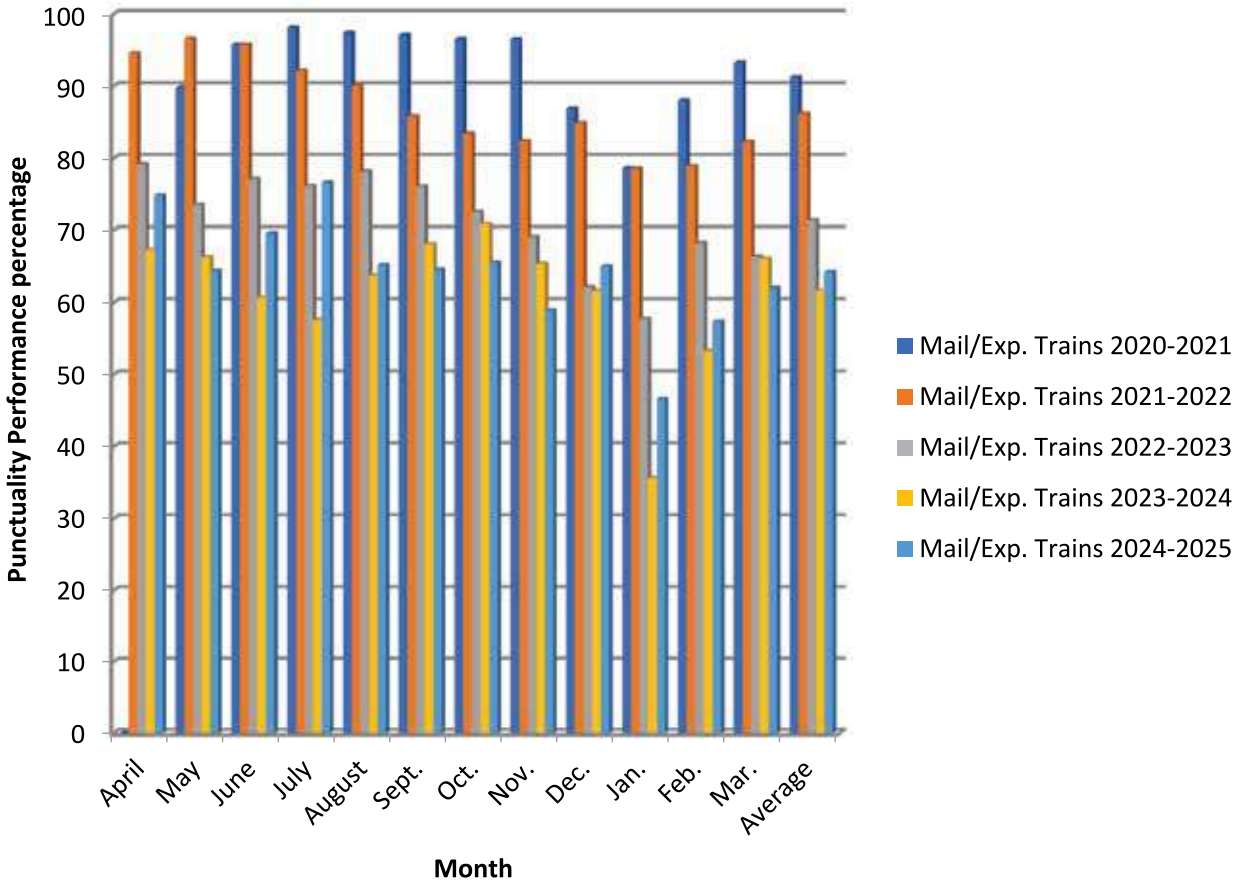
Punctuality performance of Mail/Exp trains and MR trains for the year 2024-25 is appended below:

Trains	Target	2024-2025
Mail/Exp.	75.00%	64.19

Month-wise punctuality performance over Northern Railway

Mail/Exp. Trains					
Month	**2020-21**	**2021-2022**	**2022-2023**	**2023-2024**	**2024-2025**
April	0	94.52	79.11	67.27	74.85
May	89.77	96.57	73.56	66.24	64.36
June	95.73	95.75	77.10	60.67	69.58
July	98.14	92.12	76.12	57.52	76.58
August	97.39	90.05	78.16	63.75	65.17
Sept.	97.10	85.82	76.11	68.05	64.54
Oct.	96.51	83.44	72.54	70.89	65.54
Nov.	96.49	82.39	69.02	65.35	58.85
Dec.	86.89	84.88	62.10	61.58	64.97
Jan.	78.62	78.56	57.72	35.59	46.57
Feb.	87.99	78.92	68.19	53.24	57.34
Mar.	93.29	82.29	66.36	66.03	61.98
Average	91.24	86.21	71.40	61.65	64.19

Punctuality performance over the Northern Railway in Graph



3.2.2 NARRATIVE REPORT (01st APRIL 2024 TO 31st MARCH 2025)

A. NEW TRAINS

S. N.	Train No.	Train Name	From	To	Frequency	Introduced w.e.f.
1	20983/20984	Bhuj – Delhi Sarai Rohilla - Bhuj	Bhuj	DEE	Bi-Weekly	02.08.2024
2	22490/22489	Meerut City - Lucknow Vande Bharat	Meerut City	Lucknow (NR)	06 days a week	31.08.2024
3	22500/22499	Varanasi – Deoghar Vande Bharat Express	Varanasi	Deoghar	06 days a week	16.09.2024
4	14012/14011	AnandVihar (T) – Radhikapur Express	Anand Vihar T	Radhikapur	Weekly	01.10.2024
5	14050/14049	Delhi - Godda - Delhi Express	Delhi	Godda	Weekly	14.10.2024
6	22544/22543	Lalkuan - Bandra (T) - Lalkuan Express	Lalkuan	Bandra (T)	Weekly	21.10.2024
7	15092/15091	Tanakpur-Daurai-Tanakpur Express	Tanakpur	Daurai	04 days a week	30.03.2025

B. Extension

S. N.	Train no.	Train name	Extended		With effect from
			From	To	
1	13483/13484	MLDT-BTI-MLDT Farakka Express	Malda town	Balurghat	16.04.2024
2	13413/13414	MLDT-BTI-MLDT Farakka Express	Malda town	Balurghat	15.04.2024
3	04499/04469 (74001/74004)	DLI-RE-DLI Spl	Rewari	Bandikui Jn.	25.04.2024
4	14034/14033 (20434/20433)	SVDK-DLI Jammu Mail	Delhi	Subedar Ganj	05.09.2024
5	74654/74655 (06924/06923)	DBNK-VKA DMU (Daily)	Verka Jn	Amritsar	01.01.2025
6	15009/15010	Gorakhpur-Mailani Express	Mailani	Pilibhit	02.02.2025

C. Increase in frequency

S. No.	Train no.	Train name	Frequency Increase		With Effect from
			From	To	
1	22167/22168	SGRL-NZM S/Fast Exp.	Weekly	Bi-Weekly	12.06.2024
2	06951/06952 74907/74906	PTK-MCTM DEMU	05 days a week	Daily	17.08.2024
3	19271/19272	BVC-HW-BVC Express	Weekly	Bi-Weekly	13.02.2025

D. Increase in frequency

S. N.	Train No.	Train Name	Stoppage	Divn.	With effect from
1	15015/15016	ASR-LKU Exp.	Beas	FZR	10.09.2024
2	14522/14521	UMB-DLI-UMB Intercity Express	Mustafabad	UMB	01.12.2024
3	14682/14681	JUC-NDLS-JUC Express	Mustafabad	UMB	01.12.2024
4	22545/22546	LJN-DDN-LJN Vande Bharat	Najibabad	MB	10.12.2024
5	12485/12486	NED-SGNR-NED Superfast Exp	Sunam Udhampur Singh wala	UMB	02.01.2025
6	12439/12440	NED-SGNR-NED Superfast Exp	Sunam Udhampur Singh wala	UMB	05.01.2025
7	19108/19107	BCV-MCTM-BVC Janambhoomi Express	Rail Coach Factory Kapurthala	FZR	16.02.2025
8	22480/22479	NDLS-LNK-NDLS Sarbat Da Bhala Express	Rail Coach Factory Kapurthala	FZR	16.02.2025

E. Permanent Augmentation

In the year 2024-25, 25 pair of NR trains have been permanently augmented by 64 coaches having 33 rakes. Detailed list attached as Annexure “A”.

F. Augmentation to clear Extra Rush

During the Pooja/Chhath/Winter/Holi/Mela Rush2022-23 load of 83 pair of NR Special trains by 206 coaches having 98 rakes, generating 32952 coach trips. Detailed list attached as Annexure “B”.

G. Conversion of Rakes

During 2024-25, ICF (IRS) rakes of 9 pair of NR trains having 9 rakes have been converted into LHB. Detailed list attached as Annexure “C”.

H. Conversion into Memu Rakes

During 2024-25, ICF (IRS) rakes of 4 service (2 pair) of NR passenger trains having 2 rakes have been converted into MEMU rakes. Detailed list attached as Annexure “D”.

I. Standardization of Rakes

In the year 2024-25, 38 pair of NR rains have been standardized having 50 rakes. Detailed list attached as Annexure “E”.

J. Induction of AC-3 Tier Economy Coach (LWACCNE)

To facilitate passengers, NR has attached 253 AC-3 Tier Economy Coaches in 52 pair of NR trains having 65 rakes during the year 2024-25. Detailed list attached as Annexure “F”.

K. Induction of LSLRD Vice Lwlrrm

In order to save fuel, NR has replaced 5 LWLRRM coaches with 5 LSLRD coaches in 4 pair of NR trains during the year 2024-25. Detailed list attached as Annexure “G”.

NORTHERN RAILWAY TRAINS AUGMENTED ON REGULAR BASIS DURING 2024-25

Annexure-A

S. No.	Divn.	Depot	R/S/ JS/M/P/ DMU/ EMU/ MEMU	Zone	Catg.	Rake Type	Link No.	Freq. per week	Train no.	From	To	One way Dist.	No. of Trains	Type of coach added	Notifed in	W.e.f.	No. of Ra-kes	Total no. of coach-es at-tached	Total Trips
1	FZR	ASR	JS	EZ	LDNPT	LHB		1	14618/17	ASR	PRNC	1619	1	LWS-1	Apr-24	06-05-2024	4	4	660
2	LKO	BSB	SF	WZ	LDNPT	LHB	367	2	20413/14	BSB	INDB	1114	1	LWS-4	Jun-24	25-06-2024	1	4	640
3	LKO	BSB	SF	WZ	LDNPT	LHB	367	1	20415/16	BSB	INDB	1085	1	LWS-4	Jun-24	30-06-2024	0	0	320
4	FZR	SVDK	EXP	EZ	LDNPT	LHB	243	1	14612/11	SVDK	GCT	1393	1	LWS-1	Jul-24	11-07-2024	1	1	76
	FZR	SVDK	EXP	EZ	LDNPT	LHB	243	1	14612/11	SVDK	GCT	1393	0	LWACCW-1	Jul-24	11-07-2024	1	1	76
5	LKO	BSB	EXP	WZ	LDNPT	LHB	413	1	22467/68	BSB	GNC	1499	1	LWS-1	Jul-24	10-07-2024	1	1	76
	LKO	BSB	EXP	WZ	LDNPT	LHB	413	1	22467/68	BSB	GNC	1499	0	LWSCN-2	Jul-24	10-07-2024	1	2	152
	LKO	BSB	EXP	WZ	LDNPT	LHB	413	1	22467/68	BSB	GNC	1499	0	LWACCNE-2	Jul-24	10-07-2024	1	2	152
	LKO	BSB	EXP	WZ	LDNPT	LHB	413	1	22467/68	BSB	GNC	1499	0	LWACCN-1	Jul-24	10-07-2024	1	1	76
6	UMB	CDG	SF	NZ	DNPT	LHB	55	7	12241/42	CDG	ASR	248	1	LWS-2	Jul-24	05-08-2024	1	2	956
7	LKO	BSB	EXP	EZ		ICF (CBC)	222	7	14224/23	BSB	RGD	410	1	CWGSCN-1	Oct-24	01-10-2024	2	2	364
	LKO	BSB	EXP	EZ		ICF (CBC)	222	7	14224/23	BSB	RGD	410	0	CWGACCN-1	Oct-24	01-10-2024	2	2	364
8	LKO	LKO	EXP	EZ		ICF (IRS)	218	7	14204/03	LKO	BSB	302	1	WGACCN-2	Sep-24	13-10-2024	2	4	680
	LKO	LKO	EXP	EZ		ICF (IRS)	218	7	14204/03	LKO	BSB	302	0	GS-2	Sep-24	13-10-2024	2	4	680
9	LKO	LKO	EXP	EZ		ICF (IRS)	218	7	14213/14	BSB	BRK	302	1	WGACCN-2	Sep-24	13-10-2024	0	0	680
	LKO	LKO	EXP	EZ		ICF (IRS)	218	7	14213/14	BSB	BRK	302	0	GS-2	Sep-24	13-10-2024	0	0	680
10	DLI	ANVT	EXP	NZ		ICF (CBC)	211	7	14089/90	ANVT	KTW	282	1	CGS-1	Oct-24	15-10-2024	2	2	336
11	LKO	BSB	EXP	EX		ICF (CBC)	54	7	12237/38	BSB	JAT	1261	1	CGS-1	Oct-24	01-11-2024	3	3	302
12	MB	YNRK	EXP	WZ	LDNPT	LHB	229	2	14310/09	YNRK	LMNR	1153	1	LWS-1	Jul-24	26-11-2024	2	2	72
13	MB	YNRK	EXP	WZ	LDNPT	LHB	229	2	14318/17	YNRK	LMNR	1153	1	LWS-1	Jul-24	22-11-2024	0	0	76
14	DLI	ANVT	SF	EZ	LDNPT	LHB	103	1	12444/43	ANVT	HLZ	1578	1	LWACCN-1	Sep-24	26-11-2024	2	2	36

15	DLI	ANVT	EXP	EZ	LDNPT	LHB	103	3	14010/09	ANVT	BMKI	967	1	LWACCN-1	Sep-24	20-11-2024	0	0	112
16	DLI	CYZ	MEMU	NZ	EMU	EMU		5	04963/64	NDLS	PNP	89	1	TC-4	Nov-24	25-11-2024	1	4	856
	DLI	CYZ	MEMU	NZ	EMU	EMU		5	04963/64	NDLS	PNP	89	0	MC-2	Nov-24	25-11-2024	1	2	428
17	DLI	NDLS	RAJ	CZ	LDPT	LHB	102	2	12442/41	NDLS	BSP	1509	1	LWACCN-1	Nov-24	03-12-2024	2	2	68
18	DLI	NDLS	RAJ	EZ	LDPT	LHB	102	1	12454/53	NDLS	RNC	1246	1	LWACCN-1	Nov-24	04-12-2024	0	0	34
19	DLI	NDLS	RAJ	EZ	LDPT	LHB	102	1	20408/07	NDLS	RNC	1249	1	LWACCN-1	Nov-24	07-12-2024	0	0	34
	DLI	NDLS	RAJ	CZ	LDPT	LHB	102	2	12442/41	NDLS	BSP	1509	0	LWFAC-1	Jan-25	04-02-2025	2	2	32
	DLI	NDLS	RAJ	EZ	LDPT	LHB	102	1	12454/53	NDLS	RNC	1246	0	LWFAC-1	Jan-25	08-02-2025	0	0	16
	DLI	NDLS	RAJ	EZ	LDPT	LHB	102	1	20408/07	NDLS	RNC	1249	0	LWFAC-1	Jan-25	05-02-2025	0	0	16
20	LKO	LKO	MAIL	EX	LDNPT	LHB	51	7	12229/30	LKO	NDLS	493	1	LWSCN-1	Dec-24	04-12-2024	2	2	236
21	DLI	NZM	DUR	CZ	LDPT	LHB	58	2	12264/63	NZM	PUNE	1520	1	LWACCN-1	Nov-24	05-12-2024	1	1	68
	DLI	NZM	DUR	CZ	LDPT	LHB	58	2	12264/63	NZM	PUNE	1520	0	LWACCW-1	Nov-24	05-12-2024	1	1	68
22	DLI	NZM	RAJ	CZ	LDPT	LHB	100	3	12432/31	NZM	TVC	3149	1	LWACCN-1	Jan-25	04-02-2025	6	6	48
23	DLI	NZM	RAJ	CZ	LDPT	LHB	100	2	12434/33	NZM	MAS	2180	1	LWACCN-1	Jan-25	05-02-2025	0	0	32
24	DLI	NZM	RAJ	CZ	LDPT	LHB	100	2	22414/13	NZM	MAO	2094	1	LWACCN-1	Jan-25	07-02-2025	0	0	32
25	DLI	NZM	RAJ	CZ	LDPT	LHB	100	1	12438/37	NZM	SC	1667	1	LWACCN-1	Jan-25	09-02-2025	0	0	16
	DLI	NZM	RAJ	CZ	LDPT	LHB	100	3	12432/31	NZM	TVC	3149	0	LWFAC-1	Jan-25	04-02-2025	5	5	48
	DLI	NZM	RAJ	CZ	LDPT	LHB	100	2	12434/33	NZM	MAS	2180	0	LWFAC-1	Jan-25	05-02-2025	0	0	32
	DLI	NZM	RAJ	CZ	LDPT	LHB	100	2	22414/13	NZM	MAO	2094	0	LWFAC-1	Jan-25	07-02-2025	0	0	32
													25				33	64	

AUGMENTATION OF NR TRAINS FOR CLEARANCE OF EXTRA RUSH DURING 2024-25

Annexure-B

	S. No.		Occasion	Special Train No.	Regular Train No.	Zone	Divn.	Freq.	Augmented by	Running Load	Augmented load	Ex	From	To	Ex.	Freq.	From	To	No. of coaches attached	No. of Rakes	Total No. of coaches attached
1	1	P		12013/14	NZ	DLI	Daily	LWSCZAC-1	18	19	NDLS	12-10-2024	13-10-2024	All	Daily	13-10-2024	14-10-2024	1	1	1
2		P		12013/14	NZ	DLI	Daily	LWSCZAC-1	18	19	NDLS	26-10-2024	27-10-2024	All	Daily	27-10-2024	28-10-2024	1	0	0
3		P		12013/14	NZ	DLI	Daily	LWSCZAC-1	18	19	NDLS	30-10-2024	30-10-2024	All	Daily	31-10-2024	28-10-2024	1	0	0
4		P		12013/14	NZ	DLI	Daily	LWSCZAC-1	18	19	NDLS	16-11-2024	17-11-2024	All	Daily	17-11-2024	18-11-2024	1	0	0
5	2	S		12015/16	WZ	DLI	Daily	LWSCZAC-1	18	19	NDLS	19-08-2024	19-08-2024	All	Daily	19-08-2024	19-08-2024	1	1	1
6	3	H		12029/30	NZ	DLI	Except-4	LWSCZAC-1	19	20	NDLS	01-04-2024	01-04-2024	ASR	Except-4	01-04-2024	01-04-2024	1	1	1
7		S		12029/30	NZ	DLI	Except-4	LWSCZAC-1	19	20	NDLS	13-04-2024	14-04-2024	ASR	Except-4	13-04-2024	14-04-2024	1	0	0
8		S		12029/30	NZ	DLI	Except-4	LWSCZAC-1	19	20	NDLS	20-04-2024	21-04-2024	ASR	Except-4	20-04-2024	21-04-2024	1	0	0
9		S		12029/30	NZ	DLI	Except-4	LWSCZAC-1	19	20	NDLS	13-07-2024	13-07-2024	ASR	Except-4	13-07-2024	13-07-2024	1	0	0
10		S		12029/30	NZ	DLI	Except-4	LWSCZAC-1	19	20	NDLS	20-07-2024	20-07-2024	ASR	Except-4	20-07-2024	20-07-2024	1	0	0
11		S		12029/30	NZ	DLI	Except-4	LWSCZAC-1	19	20	NDLS	10-08-2024	10-08-2024	ASR	Except-4	10-08-2024	10-08-2024	1	0	0
12		S		12029/30	NZ	DLI	Except-4	LWSCZAC-1	19	20	NDLS	17-08-2024	19-08-2024	ASR	Except-4	17-08-2024	19-08-2024	1	0	0
13		S		12029/30	NZ	DLI	Except-4	LWSCZAC-1	19	20	NDLS	31-08-2024	31-08-2024	ASR	Except-4	31-08-2024	31-08-2024	1	0	0
14		P		12029/30	NZ	DLI	Except-4	LWSCZAC-1	19	20	NDLS	26-10-2024	27-10-2024	ASR	Except-4	26-10-2024	27-10-2024	1	0	0
15		P		12029/30	NZ	DLI	Except-4	LWSCZAC-1	19	20	NDLS	30-10-2024	30-10-2024	ASR	Except-4	30-10-2024	30-10-2024	1	0	0
16		P		12029/30	NZ	DLI	Except-4	LWSCZAC-1	19	20	NDLS	09-11-2024	10-11-2024	ASR	Except-4	09-11-2024	10-11-2024	1	0	0
17		P		12029/30	NZ	DLI	Except-4	LWSCZAC-1	19	20	NDLS	16-11-2024	18-11-2024	ASR	Except-4	16-11-2024	18-11-2024	1	0	0
18		P		12029/30	NZ	DLI	Except-4	LWSCZAC-1	19	20	NDLS	22-11-2024	22-11-2024	ASR	Except-4	22-11-2024	22-11-2024	1	0	0
19		P		12029/30	NZ	DLI	Except-4	LWSCZAC-1	19	20	NDLS	30-11-2024	30-11-2024	ASR	Except-4	30-11-2024	30-11-2024	1	0	0
20		W		12029/30	NZ	DLI	Except-4	LWSCZAC-1	19	20	NDLS	07-12-2024	09-12-2024	ASR	Except-4	07-12-2024	09-12-2024	1	0	0
21		W		12029/30	NZ	DLI	Except-4	LWSCZAC-1	19	20	NDLS	18-01-2025	18-01-2025	ASR	Except-4	18-01-2025	18-01-2025	1	0	0

22		W		12029/30	NZ	DLI	Except-4	LWSCZAC-1	19	20	NDLS	25-01-2025	25-01-2025	ASR	Except-4	25-01-2025	25-01-2025	1	0	0
23		W		12029/30	NZ	DLI	Except-4	LWSCZAC-1	19	20	NDLS	01-02-2025	02-02-2025	ASR	Except-4	01-02-2025	02-02-2025	1	0	0
24		W		12029/30	NZ	DLI	Except-4	LWSCZAC-1	19	20	NDLS	07-02-2025	07-02-2025	ASR	Except-4	07-02-2025	07-02-2025	1	0	0
25		W		12029/30	NZ	DLI	Except-4	LWSCZAC-1	19	20	NDLS	08-02-2025	10-02-2025	ASR	Except-4	08-02-2025	10-02-2025	1	0	0
26		W		12029/30	NZ	DLI	Except-4	LWSCZAC-1	19	20	NDLS	14-02-2025	14-02-2025	ASR	Except-4	14-02-2025	14-02-2025	1	0	0
27		W		12029/30	NZ	DLI	Except-4	LWSCZAC-1	19	20	NDLS	15-02-2025	21-02-2025	ASR	Except-4	15-02-2025	21-02-2025	1	0	0
28		W		12029/30	NZ	DLI	Except-4	LWSCZAC-1	19	20	NDLS	22-02-2025	23-02-2025	ASR	Except-4	22-02-2025	23-02-2025	1	0	0
29	4	D		12031/32	NZ	DLI	4	LWSCZAC-1	18	19	NDLS	04-04-2024	04-04-2024	ASR	4	04-04-2024	04-04-2024	1	1	1
30		S		12031/32	NZ	DLI	4	LWSCZAC-1	18	19	NDLS	11-04-2024	11-04-2024	ASR	4	11-04-2024	11-04-2024	1	0	0
31		S		12031/32	NZ	DLI	4	LWSCZAC-1	18	19	NDLS	15-08-2024	15-08-2024	ASR	4	15-08-2024	15-08-2024	1	0	0
32		S		12031/32	NZ	DLI	4	LWSCZAC-1	18	19	NDLS	31-10-2024	31-10-2024	ASR	4	31-10-2024	31-10-2024	1	0	0
33		P		12031/32	NZ	DLI	4	LWSCZAC-1	18	19	NDLS	21-11-2024	21-11-2024	ASR	4	21-11-2024	21-11-2024	1	0	0
34		W		12031/32	NZ	DLI	4	LWSCZAC-1	18	19	NDLS	06-02-2025	06-02-2025	ASR	4	06-02-2025	06-02-2025	1	0	0
35		W		12031/32	NZ	DLI	4	LWSCZAC-1	18	19	NDLS	13-02-2025	13-02-2025	ASR	4	13-02-2025	13-02-2025	1	0	0
36		W		12031/32	NZ	DLI	4	LWSCZAC-1	18	19	NDLS	20-02-2025	20-02-2025	ASR	4	20-02-2025	20-02-2025	1	0	0
37	5	D		12040/39	NZ	DLI	Daily	LWSCZAC-1	14	15	NDLS	26-04-2024	26-04-2024	KGM	Daily	26-04-2024	26-04-2024	1	1	1
38		S		12040/39	NZ	DLI	Daily	LWSCZAC-1	14	15	NDLS	11-05-2024	11-05-2024	KGM	Daily	11-05-2024	11-05-2024	1	0	0
39		D		12040/39	NZ	DLI	Daily	LWSCZAC-1	14	15	NDLS	16-05-2024	16-05-2024	KGM	Daily	16-05-2024	16-05-2024	1	0	0
40		S		12040/39	NZ	DLI	Daily	LWSCZAC-1	14	15	NDLS	17-05-2024	17-05-2024	KGM	Daily	17-05-2024	17-05-2024	1	0	0
41		S		12040/39	NZ	DLI	Daily	LWSCZAC-1	14	15	NDLS	18-05-2024	24-05-2024	KGM	Daily	19-05-2024	25-05-2024	1	0	0
42		S		12040/39	NZ	DLI	Daily	LWSCZAC-1	14	15	NDLS	25-05-2024	27-05-2024	KGM	Daily	25-05-2024	27-05-2024	1	0	0
43		S		12040/39	NZ	DLI	Daily	LWSCZAC-1	14	15	NDLS	08-06-2024	14-06-2024	KGM	Daily	08-06-2024	14-06-2024	1	0	0
44		S		12040/39	NZ	DLI	Daily	LWSCZAC-1	14	15	NDLS	15-06-2024	18-06-2024	KGM	Daily	15-06-2024	18-06-2024	1	0	0
45		S		12040/39	NZ	DLI	Daily	LWSCZAC-1	14	15	NDLS	22-06-2024	23-06-2024	KGM	Daily	22-06-2024	23-06-2024	1	0	0
46		P		12040/39	NZ	DLI	Daily	LWSCZAC-1	14	15	NDLS	09-11-2024	10-11-2024	KGM	Daily	09-11-2024	10-11-2024	1	0	0
47		P		12040/39	NZ	DLI	Daily	LWSCZAC-1	14	15	NDLS	15-11-2024	15-11-2024	KGM	Daily	15-11-2024	15-11-2024	1	0	0
48	6	R		12046/45	NZ	UMB	Except-3	LWSCZAC-1	13	14	CDG	01-04-2024	30-04-2024	NDLS	Except-3	01-04-2024	30-04-2024	1	1	1
49		R		12046/45	NZ	UMB	Except-3	LWSCZAC-1	13	14	CDG	02-05-2024	30-07-2024	NDLS	Except-3	02-05-2024	30-07-2024	1	0	0

50		H		12046/45	NZ	UMB	Except-3	LWSCZAC-1	13	14	CDG	16-03-2025	16-03-2025	NDLS	Except-3	16-03-2025	16-03-2025	1	0	0
51	7	S		12054/53	NZ	FZR	Except-4	WGSCZ-1	9	10	ASR	06-04-2024	08-04-2024	HW	Except-4	06-04-2024	08-04-2024	1	1	1
52		S		12054/53	NZ	FZR	Except-4	WGSCZ-1	9	10	ASR	14-04-2024	14-04-2024	HW	Except-4	14-04-2024	14-04-2024	1	0	0
53		D		12054/53	NZ	FZR	Except-4	WGSCZJ-1	10	11	ASR	14-04-2024	14-04-2024	HW	Except-4	14-04-2024	14-04-2024	1	1	1
54		S		12054/53	NZ	FZR	Except-4	WGSCZJ-1	9	10	ASR	21-04-2024	21-04-2024	HW	Except-4	21-04-2024	21-04-2024	1	0	0
55		S		12054/53	NZ	FZR	Except-4	WGSCZJ-1	9	10	ASR	28-04-2024	28-04-2024	HW	Except-4	28-04-2024	28-04-2024	1	0	0
56		S		12054/53	NZ	FZR	Except-4	WGSCZJ-1	9	10	ASR	15-06-2024	16-06-2024	HW	Except-4	15-06-2024	16-06-2024	1	0	0
57		S		12054/53	NZ	FZR	Except-4	WGSCZJ-1	9	10	ASR	23-06-2024	23-06-2024	HW	Except-4	23-06-2024	23-06-2024	1	0	0
58		S		12054/53	NZ	FZR	Except-4	WGSCZJ-1	9	10	ASR	13-09-2024	13-09-2024	HW	Except-4	13-09-2024	13-09-2024	1	0	0
59		R		12054/53	NZ	FZR	Except-4	WGSCZACJ-1	9	10	ASR	07-12-2024	31-03-2025	HW	Except-4	07-12-2024	31-03-2025	1	1	1
60		W		12054/53	NZ	FZR	Except-4	WGSCZ-1	10	11	ASR	30-12-2024	30-12-2024	HW	Except-4	30-12-2024	30-12-2024	1	1	1
61		H		12054/53	NZ	FZR	Except-4	WGSCZ-1	10	11	ASR	04-03-2025	17-03-2025	HW	Except-4	04-03-2025	17-03-2025	1	0	0
62	8	S		12204/03	EZ	FZR	3,6,7	WACCNH-1	18	19	ASR	13-04-2024	17-04-2024	SHC	4,7,1	14-04-2024	18-04-2024	1	2	2
63		S		12204/03	EZ	FZR	3,6,7	WACCNH-1	18	19	ASR	20-04-2024	24-04-2024	SHC	4,7,1	21-04-2024	25-04-2024	1	0	0
64		S		12204/03	EZ	FZR	3,6,7	WACCNH-1	18	19	ASR	27-04-2024	30-06-2024	SHC	4,7,1	28-04-2024	01-07-2024	1	0	0
65		S		12204/03	EZ	FZR	3,6,7	WACCNH-1	19	20	ASR	02-06-2024	05-06-2024	SHC	4,7,1	03-06-2024	06-06-2024	1	2	2
66		D		12204/03	EZ	FZR	3,6,7	WACCNH-1	19	20	ASR	12-06-2024	12-06-2024	SHC	4,7,1	13-06-2024	13-06-2024	1	0	0
67		S		12204/03	EZ	FZR	3,6,7	WACCNH-1	19	20	ASR	22-06-2024	23-06-2024	SHC	4,7,1	23-06-2024	24-06-2024	1	0	0
68		S		12204/03	EZ	FZR	3,6,7	WACCNH-1	19	20	ASR	29-06-2024	30-06-2024	SHC	4,7,1	30-06-2024	01-07-2024	1	0	0
69		S		12204/03	EZ	FZR	3,6,7	WACCNH-1	18	19	ASR	03-07-2024	10-07-2024	SHC	4,7,1	04-07-2024	11-07-2024	1	0	0
70		S		12204/03	EZ	FZR	3,6,7	WACCNH-1	19	20	ASR	03-07-2024	03-07-2024	SHC	4,7,1	04-07-2024	04-07-2024	1	0	0
71		S		12204/03	EZ	FZR	3,6,7	WACCNH-1	18	19	ASR	20-07-2024	20-07-2024	SHC	4,7,1	21-07-2024	21-07-2024	1	0	0
72	9	S		12208/07	EZ	FZR	7	WACCNH-1	13	14	JAT	02-06-2024	02-06-2024	KGM	2	04-06-2024	04-06-2024	1	1	1
73	10	S		12210/09	EZ	FZR	1	WACCNH-1	13	14	KGM	03-06-2024	03-06-2024	CNB	2	04-06-2024	04-06-2024	1	0	0
74		S		12208/07	EZ	FZR	7	WACCNH-1	13	14	JAT	16-06-2024	16-06-2024	KGM	2	18-06-2024	18-06-2024	1	0	0
75		S		12210/09	EZ	FZR	1	WACCNH-1	13	14	KGM	17-06-2024	17-06-2024	CNB	2	18-06-2024	18-06-2024	1	0	0
76	11	R		12229/30	EZ	LKO	Daily	LWACCW-1	22	23	LKO	18-08-2024	21-08-2024	NDLS	Daily	19-08-2024	22-08-2024	1	2	2
77	12	R		12236/35	EZ	DLI	4	LWACCNE-1	20	21	ANVT	04-04-2024	06-06-2024	MDP	5	05-04-2024	07-06-2024	1	1	1
78		R		12236/35	EZ	DLI	4	LWACCNE-1	20	21	ANVT	13-06-2024	12-09-2024	MDP	5	14-06-2024	13-09-2024	1	0	0

79		R		12236/35	EZ	DLI	4	LWACCNE-1	20	21	ANVT	19-09-2024	13-03-2025	MDP	5	20-09-2024	14-03-2025	1	0	0
80		R		12236/35	EZ	DLI	4	LWACCNE-1	20	21	ANVT	20-03-2025	27-03-2025	MDP	5	21-03-2025	28-03-2025	1	0	0
81	13	R		22460/59	EZ	DLI	1	LWACCNE-1	20	21	ANVT	01-04-2024	03-06-2024	MDP	2	02-04-2024	04-06-2024	1	0	0
82		R		22460/59	EZ	DLI	1	LWACCNE-1	20	21	ANVT	10-06-2024	09-09-2024	MDP	2	11-06-2024	10-09-2024	1	0	0
83		R		22460/59	EZ	DLI	1	LWACCNE-1	20	21	ANVT	16-09-2024	10-03-2025	MDP	2	17-09-2024	11-03-2025	1	0	0
84		R		22460/59	EZ	DLI	1	LWACCNE-1	20	21	ANVT	17-03-2025	31-03-2025	MDP	2	18-03-2025	01-04-2025	1	0	0
85	14	R		12237/38	EZ	LKO	Daily	CWGSCN-1	23	24	BSB	01-04-2024	31-08-2024	JAT	Daily	02-04-2024	01-09-2024	1	3	3
86		R		12237/38	EZ	LKO	Daily	CWGSCN-1	23	24	BSB	01-09-2024	31-10-2024	JAT	Daily	02-09-2024	01-11-2024	1	0	0
87	15	R		12241/42	NZ	DLI	Daily	LWACCN-2	11	13	CDG	01-04-2024	30-06-2024	ASR	Daily	02-04-2024	01-07-2024	2	1	2
88		R		12241/42	NZ	DLI	Daily	LWACCW-1	13	14	CDG	01-04-2024	30-06-2024	ASR	Daily	02-04-2024	01-07-2024	1	1	1
89	16	P		12264/63	CZ	DLI	1,4	LWACCN-1	18	19	NZM	04-11-2024	07-11-2024	PUNE	2,5	05-11-2024	08-11-2024	1	1	1
90		P		12264/63	CZ	DLI	1,4	LWACCN-1	18	19	NZM	11-11-2024	11-11-2024	PUNE	2,5	12-11-2024	12-11-2024	1	0	0
91	17	S		12424/23	EZ	DLI	Daily	LWACCN-1	21	22	NDLS	20-04-2024	26-04-2024	DBRG	Daily	22-04-2024	28-04-2024	1	6	6
92		S		12424/23	EZ	DLI	Daily	LWACCN-1	21	22	NDLS	27-04-2024	30-04-2024	DBRG	Daily	29-04-2024	02-05-2024	1	0	0
93		D		12424/23	EZ	DLI	Daily	LWACCN-1	21	22	NDLS	01-05-2024	01-05-2024	DBRG	Daily	03-05-2024	03-05-2024	1	0	0
94		D		12424/23	EZ	DLI	Daily	LWACCN-1	21	22	NDLS	02-05-2024	02-05-2024	DBRG	Daily	04-05-2024	04-05-2024	1	0	0
95		S		12424/23	EZ	DLI	Daily	LWACCN-1	21	22	NDLS	03-05-2024	03-05-2024	DBRG	Daily	05-05-2024	05-05-2024	1	0	0
96		S		12424/23	EZ	DLI	Daily	LWACCN-1	21	22	NDLS	04-05-2024	10-05-2024	DBRG	Daily	06-05-2024	12-05-2024	1	0	0
97		D		12424/23	EZ	DLI	Daily	LWACCN-1	21	22	NDLS	30-05-2024	30-05-2024	DBRG	Daily	01-06-2024	01-06-2024	1	0	0
98		S		12424/23	EZ	DLI	Daily	LWACCN-1	21	22	NDLS	01-06-2024	02-06-2024	DBRG	Daily	03-06-2024	04-06-2024	1	0	0
99		S		12424/23	EZ	DLI	Daily	LWACCN-1	21	22	NDLS	05-06-2024	05-06-2024	DBRG	Daily	07-06-2024	07-06-2024	1	0	0
100		S		12424/23	EZ	DLI	Daily	LWACCN-1	21	22	NDLS	07-06-2024	07-06-2024	DBRG	Daily	09-06-2024	09-06-2024	1	0	0
101		D		12424/23	EZ	DLI	Daily	LWACCN-1	21	22	NDLS	12-06-2024	12-06-2024	DBRG	Daily	14-06-2024	14-06-2024	1	0	0
102		D		12424/23	EZ	DLI	Daily	LWACCN-1	21	22	NDLS	15-06-2024	21-06-2024	DBRG	Daily	17-06-2024	23-06-2024	1	0	0
103		D		12424/23	EZ	DLI	Daily	LWACCN-1	21	22	NDLS	22-06-2024	23-06-2024	DBRG	Daily	24-06-2024	25-06-2024	1	0	0
104		S		12424/23	EZ	DLI	Daily	LWACCN-1	21	22	NDLS	13-07-2024	13-07-2024	DBRG	Daily	15-07-2024	15-07-2024	1	0	0
105		S		12424/23	EZ	DLI	Daily	LWACCN-1	21	22	NDLS	16-07-2024	16-07-2024	DBRG	Daily	18-07-2024	18-07-2024	1	0	0
106		S		12424/23	EZ	DLI	Daily	LWACCN-1	21	22	NDLS	24-08-2024	25-08-2024	DBRG	Daily	26-08-2024	27-08-2024	1	0	0

107		S		12424/23	EZ	DLI	Daily	LWACCN-1	21	22	NDLS	31-08-2024	31-08-2024	DBRG	Daily	02-09-2024	02-09-2024	1	0	0
108		S		12424/23	EZ	DLI	Daily	LWACCN-1	21	22	NDLS	15-09-2024	15-09-2024	DBRG	Daily	17-09-2024	17-09-2024	1	0	0
109		P		12424/23	EZ	DLI	Daily	LWACCN-1	21	22	NDLS	07-10-2024	15-11-2024	DBRG	Daily	09-10-2024	17-11-2024	1	0	0
110		W		12424/23	EZ	DLI	Daily	LWACCN-1	21	22	NDLS	22-12-2024	27-12-2024	DBRG	Daily	24-12-2024	29-12-2024	1	0	0
111		W		12424/23	EZ	DLI	Daily	LWACCN-1	21	22	NDLS	28-12-2024	03-01-2025	DBRG	Daily	30-12-2024	05-01-2025	1	0	0
112		W		12424/23	EZ	DLI	Daily	LWACCN-1	21	22	NDLS	04-01-2025	06-01-2025	DBRG	Daily	06-01-2025	08-01-2025	1	0	0
113		W		12424/23	EZ	DLI	Daily	LWACCN-1	21	22	NDLS	11-01-2025	17-01-2025	DBRG	Daily	13-01-2025	19-01-2025	1	0	0
114		W		12424/23	EZ	DLI	Daily	LWACCN-1	21	22	NDLS	18-01-2025	24-01-2025	DBRG	Daily	20-01-2025	26-01-2025	1	0	0
115		W		12424/23	EZ	DLI	Daily	LWACCN-1	21	22	NDLS	25-01-2025	31-01-2025	DBRG	Daily	27-01-2025	02-02-2025	1	0	0
116	18	P		12425/26	NZ	DLI	Daily	LWACCN-1	21	22	NDLS	11-10-2024	19-11-2024	JAT	Daily	12-10-2024	20-11-2024	1	0	0
117		W		12425/26	NZ	DLI	Daily	LWACCN-1	21	22	NDLS	22-12-2024	27-12-2024	JAT	Daily	23-12-2024	28-12-2024	1	0	0
118		W		12425/26	NZ	DLI	Daily	LWACCN-1	21	22	NDLS	28-12-2024	03-01-2025	JAT	Daily	29-12-2024	04-01-2025	1	0	0
119		W		12425/26	NZ	DLI	Daily	LWACCN-1	21	22	NDLS	11-01-2025	17-01-2025	JAT	Daily	12-01-2025	18-01-2025	1	0	0
120		W		12425/26	NZ	DLI	Daily	LWACCN-1	21	22	NDLS	18-01-2025	24-01-2025	JAT	Daily	19-01-2025	25-01-2025	1	0	0
121		W		12425/26	NZ	DLI	Daily	LWACCN-1	21	22	NDLS	25-01-2025	31-01-2025	JAT	Daily	26-01-2025	01-02-2025	1	0	0
122	19	S		12429/30	EZ	LKO	Daily	LWACCN-1	21	22	LKO	18-08-2024	19-08-2024	LKO	Daily	19-08-2024	20-08-2024	1	2	2
123	20	P		12444/43	EZ	DLI	2	LWSCN-1	19	20	ANVT	08-10-2024	19-11-2024	HLZ	4	10-10-2024	21-11-2024	1	2	2
124		P		12444/43	EZ	DLI	2	LWACCN-1	20	21	ANVT	25-02-2024	25-02-2024	HLZ	4	27-02-2024	27-02-2024	1	1	1
125	21	D		14010/09	EZ	DLI	1,6	LWSCN-1	19	20	ANVT	22-04-2024	22-04-2024	BMKI	2,7	23-04-2024	23-04-2024	1	0	0
126		D		14010/09	EZ	DLI	1,6	LWSCN-1	19	20	ANVT	24-04-2024	24-04-2024	BMKI	2,7	25-04-2024	25-04-2024	1	0	0
127		S		14010/09	EZ	DLI	1,6	LWSCN-1	19	20	ANVT	27-04-2024	27-04-2024	BMKI	2,7	28-04-2024	28-04-2024	1	0	0
128		S		14010/09	EZ	DLI	1,3,6	LWSCN-1	19	20	ANVT	14-08-2024	14-08-2024	BMKI	2,4,7	15-08-2024	15-08-2024	1	0	0
129		P		14010/09	EZ	DLI	1,3,6	LWSCN-1	19	20	ANVT	05-10-2024	18-11-2024	BMKI	2,4,7	06-10-2024	19-11-2024	1	0	0
130	22	D		12688/87	SZ	UMB	1,5	LWSCN-1	21	22	CDG	24-06-2024	24-06-2024	BMKI	3,7	26-06-2024	26-06-2024	1	1	1
131		D		12688/87	SZ	UMB	1,5	LWSCN-1	21	22	CDG	28-06-2024	28-06-2024	BMKI	3,7	30-06-2024	30-06-2024	1	0	0
132	23	D		14035/36	NZ	DLI	1,3,5	WGSCN-1	20	21	DEE	05-04-2024	05-04-2024	PTK	2,4,6	06-04-2024	06-04-2024	1	1	1
133		D		14035/36	NZ	DLI	1,3,5	WGSCN-1	20	21	DEE	10-04-2024	10-04-2024	PTK	2,4,6	11-04-2024	11-04-2024	1	0	0
134		D		14035/36	NZ	DLI	1,3,5	WGSCN-1	20	21	DEE	19-04-2024	19-04-2024	PTK	2,4,6	20-04-2024	20-04-2024	1	0	0

135		S		14035/36	NZ	DLI	1,3,5	WGSCN-1	20	21	DEE	14-08-2024	14-08-2024	PTK	2,4,6	15-08-2024	15-08-2024	1	0	0
136		S		14035/36	NZ	DLI	1,3,5	WGSCN-1	20	21	DEE	19-08-2024	19-08-2024	PTK	2,4,6	20-08-2024	20-08-2024	1	0	0
137		D		14035/36	NZ	DLI	1,3,5	WGSCN-1	20	21	DEE	13-09-2024	13-09-2024	PTK	2,4,6	14-09-2024	14-09-2024	1	0	0
138		P		14035/36	NZ	DLI	1,3,5	WGSCN-1	20	21	DEE	04-10-2024	18-11-2024	PTK	2,4,6	05-10-2024	19-11-2024	1	0	0
139		W		14035/36	NZ	DLI	1,3,5	WGSCN-1	20	21	DEE	30-12-2024	30-12-2024	PTK	2,4,6	31-12-2024	31-12-2024	1	0	0
140		W		14035/36	NZ	DLI	1,3,5	WGSCN-1	20	21	DEE	28-02-2025	28-02-2025	PTK	2,4,6	01-03-2025	01-03-2025	1	0	0
141		H		14035/36	NZ	DLI	1,3,5	WGSCN-1	20	21	DEE	05-03-2025	17-03-2025	PTK	2,4,6	06-03-2025	18-03-2025	1	0	0
142		H		14035/36	NZ	DLI	1,3,5	WGSCN-1	20	21	DEE	24-03-2025	28-03-2025	PTK	2,4,6	25-03-2025	29-03-2025	1	0	0
143	24	H		14050/49	EZ	DLI	1	LWSCN-1	21	22	DLI	03-03-2025	03-03-2025	GODA	3	05-03-2025	05-03-2025	1	1	1
144	25	H		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	01-04-2024	05-04-2024	DLI	Daily	19-03-2024	08-04-2024	1	4	4
145	26	H		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	01-04-2024	07-04-2024	DLI	Daily	01-04-2024	06-04-2024	1	0	0
146		S		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	06-04-2024	12-04-2024	DLI	Daily	09-04-2024	15-04-2024	1	0	0
147		S		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	08-04-2024	14-04-2024	DLI	Daily	07-08-2024	13-04-2024	1	0	0
148		S		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	13-04-2024	19-04-2024	DLI	Daily	09-04-2024	22-04-2024	1	0	0
149		S		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	15-04-2024	21-04-2024	DLI	Daily	14-04-2024	20-04-2024	1	0	0
150		S		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	20-04-2024	20-04-2024	DLI	Daily	23-04-2024	23-04-2024	1	0	0
151		S		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	22-04-2024	22-04-2024	DLI	Daily	21-04-2024	21-04-2024	1	0	0
152		S		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	22-04-2024	26-04-2024	DLI	Daily	25-04-2024	29-04-2024	1	0	0
153		S		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	24-04-2024	28-04-2024	DLI	Daily	23-04-2024	27-04-2024	1	0	0
154		S		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	27-04-2024	03-05-2024	DLI	Daily	25-04-2024	06-05-2024	1	0	0
155		S		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	29-04-2024	05-05-2024	DLI	Daily	28-04-2024	04-05-2024	1	0	0
156		S		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	04-05-2024	10-05-2024	DLI	Daily	07-05-2024	13-05-2024	1	0	0
157		S		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	06-05-2024	12-05-2024	DLI	Daily	05-05-2024	11-05-2024	1	0	0
158		S		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	11-05-2024	11-05-2024	DLI	Daily	14-05-2024	14-05-2024	1	0	0
159		S		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	13-05-2024	13-05-2024	DLI	Daily	12-05-2024	12-05-2024	1	0	0
160		S		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	12-05-2024	12-05-2024	DLI	Daily	15-05-2024	15-05-2024	1	0	0
161		S		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	14-05-2024	14-05-2024	DLI	Daily	13-05-2024	13-05-2024	1	0	0
162		S		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	13-05-2024	17-05-2024	DLI	Daily	16-05-2024	20-05-2024	1	0	0

163		S		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	15-05-2024	19-05-2024	DLI	Daily	14-05-2024	18-05-2024	1	0	0
164		S		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	18-05-2024	24-05-2024	DLI	Daily	21-05-2024	27-05-2024	1	0	0
165		S		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	20-05-2024	26-05-2024	DLI	Daily	19-05-2024	25-05-2024	1	0	0
166		S		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	25-05-2024	25-05-2024	DLI	Daily	28-05-2024	28-05-2024	1	0	0
167		S		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	27-05-2024	27-05-2024	DLI	Daily	26-05-2024	26-05-2024	1	0	0
168		S		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	27-05-2024	28-05-2024	DLI	Daily	30-05-2024	31-05-2024	1	0	0
169		S		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	29-05-2024	30-05-2024	DLI	Daily	28-05-2024	29-05-2024	1	0	0
170		S		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	30-05-2024	31-05-2024	DLI	Daily	02-06-2024	03-06-2024	1	0	0
171		S		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	01-06-2024	02-06-2024	DLI	Daily	31-05-2024	01-06-2024	1	0	0
172		S		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	01-06-2024	01-06-2024	DLI	Daily	04-06-2024	04-06-2024	1	0	0
173		S		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	03-06-2024	03-06-2024	DLI	Daily	02-06-2024	02-06-2024	1	0	0
174		S		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	03-06-2024	06-06-2024	DLI	Daily	06-06-2024	09-06-2024	1	0	0
175		S		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	05-06-2024	08-06-2024	DLI	Daily	04-06-2024	07-06-2024	1	0	0
176		S		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	09-06-2024	13-06-2024	DLI	Daily	12-06-2024	16-06-2024	1	0	0
177		S		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	11-06-2024	15-06-2024	DLI	Daily	10-06-2024	14-06-2024	1	0	0
178		S		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	15-06-2024	15-06-2024	DLI	Daily	18-06-2024	18-06-2024	1	0	0
179		S		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	17-06-2024	17-06-2024	DLI	Daily	16-06-2024	16-06-2024	1	0	0
180		S		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	17-06-2024	21-06-2024	DLI	Daily	18-06-2024	24-06-2024	1	0	0
181		S		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	19-06-2024	23-06-2024	DLI	Daily	18-06-2024	22-06-2024	1	0	0
182		S		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	22-06-2024	30-06-2024	DLI	Daily	18-06-2024	03-07-2024	1	0	0
183		S		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	24-06-2024	02-07-2024	DLI	Daily	23-06-2024	01-07-2024	1	0	0
184		S		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	01-07-2024	05-07-2024	DLI	Daily	04-07-2024	08-07-2024	1	0	0
185		S		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	03-07-2024	07-07-2024	DLI	Daily	02-07-2024	06-07-2024	1	0	0
186		S		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	06-07-2024	12-07-2024	DLI	Daily	04-07-2024	15-07-2024	1	0	0
187		S		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	08-07-2024	14-07-2024	DLI	Daily	07-07-2024	13-07-2024	1	0	0
188		S		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	13-07-2024	19-07-2024	DLI	Daily	16-07-2024	22-07-2024	1	0	0
189		S		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	15-07-2024	21-07-2024	DLI	Daily	14-07-2024	20-07-2024	1	0	0
190		S		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	20-07-2024	26-07-2024	DLI	Daily	16-07-2024	29-07-2024	1	0	0

191		S		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	22-07-2024	28-07-2024	DLI	Daily	21-07-2024	27-07-2024	1	0	0
192		S		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	27-07-2024	02-08-2024	DLI	Daily	30-07-2024	05-08-2024	1	0	0
193		S		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	29-07-2024	04-08-2024	DLI	Daily	28-07-2024	03-08-2024	1	0	0
194		S		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	03-08-2024	09-08-2024	DLI	Daily	06-08-2024	12-08-2024	1	0	0
195		S		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	05-08-2024	11-08-2024	DLI	Daily	04-08-2024	10-08-2024	1	0	0
196		S		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	10-08-2024	21-08-2024	DLI	Daily	13-08-2024	24-08-2024	1	0	0
197		S		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	12-08-2024	23-08-2024	DLI	Daily	11-08-2024	22-08-2024	1	0	0
198		S		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	22-08-2024	22-08-2024	DLI	Daily	25-08-2024	25-08-2024	1	0	0
199		S		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	24-08-2024	24-08-2024	DLI	Daily	23-08-2024	23-08-2024	1	0	0
200		S		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	23-08-2024	27-08-2024	DLI	Daily	25-08-2024	30-08-2024	1	0	0
201		S		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	25-08-2024	29-08-2024	DLI	Daily	24-08-2024	28-08-2024	1	0	0
202		D		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	28-08-2024	29-08-2024	DLI	Daily	31-08-2024	01-09-2024	1	0	0
203		D		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	30-08-2024	31-08-2024	DLI	Daily	29-08-2024	30-08-2024	1	0	0
204		S		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	30-08-2024	03-09-2024	DLI	Daily	02-09-2024	06-09-2024	1	0	0
205		S		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	01-09-2024	05-09-2024	DLI	Daily	31-08-2024	04-09-2024	1	0	0
206		D		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	04-09-2024	06-09-2024	DLI	Daily	07-09-2024	09-09-2024	1	0	0
207		D		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	06-09-2024	08-09-2024	DLI	Daily	05-09-2024	07-09-2024	1	0	0
208		S		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	07-09-2024	08-09-2024	DLI	Daily	10-09-2024	11-09-2024	1	0	0
209		S		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	09-09-2024	10-09-2024	DLI	Daily	08-09-2024	09-09-2024	1	0	0
210		S		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	10-09-2024	13-09-2024	DLI	Daily	13-09-2024	16-09-2024	1	0	0
211		S		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	12-09-2024	15-09-2024	DLI	Daily	11-09-2024	14-09-2024	1	0	0
212		S		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	15-09-2024	15-09-2024	DLI	Daily	18-09-2024	18-09-2024	1	0	0
213		S		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	17-09-2024	17-09-2024	DLI	Daily	16-09-2024	16-09-2024	1	0	0
214		S		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	17-09-2024	17-09-2024	DLI	Daily	20-09-2024	20-09-2024	1	0	0
215		S		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	19-09-2024	19-09-2024	DLI	Daily	18-09-2024	18-09-2024	1	0	0
216		S		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	20-09-2024	22-09-2024	DLI	Daily	23-09-2024	25-09-2024	1	0	0
217		S		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	22-09-2024	24-09-2024	DLI	Daily	21-09-2024	23-09-2024	1	0	0
218		P		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	03-10-2024	12-10-2024	DLI	Daily	06-10-2024	15-10-2024	1	0	0

219	P		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	05-10-2024	14-10-2024	DLI	Daily	04-10-2024	13-10-2024	1	0	0
220	P		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	15-10-2024	17-11-2024	DLI	Daily	18-10-2024	20-11-2024	1	0	0
221	P		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	17-10-2024	19-11-2024	DLI	Daily	16-10-2024	18-11-2024	1	0	0
222	P		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	23-11-2024	29-11-2024	DLI	Daily	26-11-2024	02-12-2024	1	0	0
223	P		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	25-11-2024	01-12-2024	DLI	Daily	24-11-2024	30-11-2024	1	0	0
224	P		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	30-11-2024	06-12-2024	DLI	Daily	03-12-2024	09-12-2024	1	0	0
225	P		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	02-12-2024	08-12-2024	DLI	Daily	01-12-2024	07-12-2024	1	0	0
226	W		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	07-12-2024	10-12-2024	DLI	Daily	10-12-2024	13-12-2024	1	0	0
227	W		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	09-12-2024	12-12-2024	DLI	Daily	08-12-2024	11-12-2024	1	0	0
228	W		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	12-12-2024	13-12-2024	DLI	Daily	15-12-2024	16-12-2024	1	0	0
229	W		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	14-12-2024	15-12-2024	DLI	Daily	13-12-2024	14-12-2024	1	0	0
230	W		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	15-12-2024	20-12-2024	DLI	Daily	18-12-2024	23-12-2024	1	0	0
231	W		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	17-12-2024	22-12-2024	DLI	Daily	16-12-2024	21-12-2024	1	0	0
232	W		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	26-12-2024	26-12-2024	DLI	Daily	29-12-2024	29-12-2024	1	0	0
233	W		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	28-12-2024	28-12-2024	DLI	Daily	27-12-2024	27-12-2024	1	0	0
234	W		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	28-12-2024	01-01-2025	DLI	Daily	30-12-2024	04-01-2025	1	0	0
235	W		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	30-12-2024	03-01-2025	DLI	Daily	29-12-2024	02-01-2025	1	0	0
236	W		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	05-01-2025	10-01-2025	DLI	Daily	08-01-2025	13-01-2025	1	0	0
237	W		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	07-01-2025	12-01-2025	DLI	Daily	06-01-2025	11-01-2025	1	0	0
238	W		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	11-01-2025	17-01-2025	DLI	Daily	14-01-2025	20-01-2025	1	0	0
239	W		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	13-01-2025	19-01-2025	DLI	Daily	12-01-2025	18-01-2025	1	0	0
240	W		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	18-01-2025	24-01-2025	DLI	Daily	21-01-2025	27-01-2025	1	0	0
241	W		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	20-01-2025	26-01-2025	DLI	Daily	19-01-2025	25-01-2025	1	0	0
242	W		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	25-01-2025	31-01-2025	DLI	Daily	28-01-2025	03-02-2025	1	0	0
243	W		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	27-01-2025	02-02-2025	DLI	Daily	26-01-2025	01-02-2025	1	0	0
244	W		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	01-02-2025	02-02-2025	DLI	Daily	04-02-2025	05-02-225	1	0	0
245	W		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	04-02-2025	04-02-2025	DLI	Daily	07-02-2025	07-02-2025	1	0	0
246	W		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	06-02-2025	07-02-2025	DLI	Daily	09-02-2025	10-02-2025	1	0	0
247	W		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	03-02-2025	04-02-2025	DLI	Daily	02-02-2025	03-02-2025	1	0	0

248		W		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	06-02-2025	06-02-2025	DLI	Daily	05-02-2025	05-02-2025	1	0	0
249		W		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	08-02-2025	09-02-2025	DLI	Daily	07-02-2025	08-02-2025	1	0	0
250		W		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	08-02-2025	14-02-2025	DLI	Daily	11-02-2025	17-02-2025	1	0	0
251		W		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	10-02-2025	16-02-2025	DLI	Daily	09-10-2025	15-02-2025	1	0	0
252		W		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	15-02-2025	21-02-2025	DLI	Daily	18-02-2025	24-02-2025	1	0	0
253		W		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	17-02-2025	23-02-2025	DLI	Daily	16-02-2025	22-02-2025	1	0	0
254		W		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	22-02-2025	28-02-2025	DLI	Daily	25-02-2025	03-03-2025	1	0	0
255		W		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	24-02-2025	02-03-2025	DLI	Daily	23-02-2025	01-03-2025	1	0	0
256		H		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	01-03-2025	03-03-2025	DLI	Daily	04-03-2025	06-03-2025	1	0	0
257		H		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	03-03-2025	05-03-2025	DLI	Daily	02-03-2025	04-03-2025	1	0	0
258		H		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	04-03-2025	17-03-2025	DLI	Daily	07-03-2025	20-03-2025	1	0	0
259		H		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	06-03-2025	19-03-2025	DLI	Daily	05-03-2025	18-03-2025	1	0	0
260		H		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	18-03-2025	21-03-2025	DLI	Daily	21-03-2025	24-03-2025	1	0	0
261		H		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	20-03-2025	23-03-2025	DLI	Daily	19-03-2025	22-03-2025	1	0	0
262		H		14206/05	EZ	LKO	Daily	LWACCN-1	21	22	DLI	19-03-2025	19-03-2025	AYC	Daily	20-03-2025	20-03-2025	1	1	1
263		H		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	22-03-2025	27-03-2025	DLI	Daily	25-03-2025	30-03-2025	1	0	0
264		H		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	24-03-2025	29-03-2025	DLI	Daily	23-03-2025	28-03-2025	1	0	0
265		S		14207/08	EZ	LKO	Daily	LWSCN-1	20	21	MBDP	29-03-2025	31-03-2025	DLI	Daily	01-04-2025	01-04-2025	1	0	0
266		S		14205/06	EZ	LKO	Daily	LWSCN-1	20	21	AYC	31-03-2025	31-03-2025	DLI	Daily	30-03-2025	01-04-2025	1	0	0
267	27	K		14210/09	EZ	LKO	Daily	GS-4	13	17	LKO	27-12-2024	28-02-2025	PYGS	Daily	28-12-2024	01-03-2025	4	2	8
268	28	K		14233/34	EZ	LKO	Daily	GS-4	13	17	PYGS	27-12-2024	28-02-2025	PYGS	Daily	28-12-2024	01-03-2025	4	0	0
269	29	K		14216/15	EZ	LKO	Daily	GS-2	14	16	LKO	25-12-2024	28-02-2025	PYGS	Daily	26-12-2024	01-03-2025	2	1	2
270	30	R		14224/23	EZ	LKO	Daily	CWGSCN-1	11	12	BSB	01-04-2024	30-04-2024	RGD	Daily	02-04-2024	01-05-2024	1	2	2
271		R		14224/23	EZ	LKO	Daily	CWGSCN-1	11	12	BSB	01-05-2024	31-08-2024	RGD	Daily	02-05-2024	01-09-2024	1	0	0
272		R		14224/23	EZ	LKO	Daily	CWGSCN-1	11	12	BSB	01-09-2024	31-10-2024	RGD	Daily	02-09-2024	01-11-2024	1	0	0
273		R		14224/23	EZ	LKO	Daily	CWGACCN-1	12	13	BSB	01-04-2024	30-04-2024	RGD	Daily	02-04-2024	01-05-2024	1	2	2
274		R		14224/23	EZ	LKO	Daily	CWGACCN-1	12	13	BSB	01-05-2024	31-08-2024	RGD	Daily	02-05-2024	01-09-2024	1	0	0
275		R		14224/23	EZ	LKO	Daily	CWGACCN-1	12	13	BSB	01-09-2024	31-10-2024	RGD	Daily	02-09-2024	01-11-2024	1	0	0

276	S		14224/23	EZ	LKO	Daily	CWGSCN-1	13	14	BSB	18-05-2024	19-05-2024	RGD	Daily	19-05-2024	20-05-2024	1	2	2
277	S		14224/23	EZ	LKO	Daily	CWGSCN-1	13	14	BSB	23-05-2024	23-05-2024	RGD	Daily	24-05-2024	24-05-2024	1	0	0
278	S		14224/23	EZ	LKO	Daily	CWGSCN-1	13	14	BSB	25-05-2024	28-05-2024	RGD	Daily	26-05-2024	29-05-2024	1	0	0
279	D		14224/23	EZ	LKO	Daily	CWGSCN-1	13	14	BSB	12-06-2024	12-06-2024	RGD	Daily	13-06-2024	13-06-2024	1	0	0
280	D		14224/23	EZ	LKO	Daily	CWGSCN-1	13	14	BSB	18-07-2024	18-07-2024	RGD	Daily	19-07-2024	19-07-2024	1	0	0
281	S		14224/23	EZ	LKO	Daily	CWGSCN-1	13	14	BSB	11-08-2024	11-08-2024	RGD	Daily	12-08-2024	12-08-2024	1	0	0
282	D		14224/23	EZ	LKO	Daily	CWGSCN-1	13	14	BSB	19-09-2024	20-09-2024	RGD	Daily	20-09-2024	21-09-2024	1	0	0
283	P		14224/23	EZ	LKO	Daily	CWGSCN-1	13	14	BSB	28-09-2024	30-09-2024	RGD	Daily	29-09-2024	01-10-2024	1	0	0
284	P		14224/23	EZ	LKO	Daily	CWGSCN-1	13	14	BSB	01-10-2024	01-10-2024	RGD	Daily	02-10-2024	02-10-2024	1	0	0
285	P		14224/23	EZ	LKO	Daily	CWGSCN-1	13	14	BSB	15-10-2024	20-11-2024	RGD	Daily	16-10-2024	21-11-2024	1	0	0
286	P		14224/23	EZ	LKO	Daily	CGS-2	14	16	BSB	20-10-2024	20-11-2024	RGD	Daily	21-10-2024	21-11-2024	2	2	4
287	P		14224/23	EZ	LKO	Daily	CWGSCN-1	13	14	BSB	24-11-2024	24-11-2024	RGD	Daily	25-11-2024	25-11-2024	1	0	0
288	P		14224/23	EZ	LKO	Daily	CWGSCN-1	13	14	BSB	26-11-2024	26-11-2024	RGD	Daily	27-11-2024	27-11-2024	1	0	0
289	W		14224/23	EZ	LKO	Daily	CWGSCN-1	13	14	BSB	08-12-2024	08-12-2024	RGD	Daily	09-12-2024	09-12-2024	1	0	0
290	W		14224/23	EZ	LKO	Daily	CWGSCN-1	13	14	BSB	28-12-2024	03-01-2025	RGD	Daily	29-12-2025	04-01-2025	1	0	0
291	W		14224/23	EZ	LKO	Daily	CWGSCN-1	13	14	BSB	29-01-2025	29-01-2025	RGD	Daily	30-01-2025	30-01-2025	1	0	0
292	W		14224/23	EZ	LKO	Daily	CWGSCN-1	13	14	BSB	31-01-2025	31-01-2025	RGD	Daily	01-02-2025	01-02-2025	1	0	0
293	W		14224/23	EZ	LKO	Daily	CWGSCN-1	13	14	BSB	02-02-2025	02-02-2025	RGD	Daily	03-02-2025	03-02-2025	1	0	0
294	W		14224/23	EZ	LKO	Daily	CWGSCN-1	13	14	BSB	04-02-2025	04-02-2025	RGD	Daily	05-02-2025	05-02-2025	1	0	0
295	W		14224/23	EZ	LKO	Daily	CWGSCN-1	13	14	BSB	09-02-2025	14-02-2025	RGD	Daily	10-02-2025	15-02-2025	1	0	0
296	W		14224/23	EZ	LKO	Daily	CWGSCN-1	13	14	BSB	16-02-2025	21-02-2025	RGD	Daily	17-02-2025	22-02-2025	1	0	0
297	H		14224/23	EZ	LKO	Daily	CWGSCN-1	13	14	BSB	08-03-2025	12-03-2025	RGD	Daily	09-03-2025	13-03-2025	1	0	0
298	H		14224/23	EZ	LKO	Daily	CWGSCN-1	13	14	BSB	16-03-2025	16-03-2025	RGD	Daily	17-03-2025	17-03-2025	1	0	0
299	S		14224/23	EZ	LKO	Daily	CWGSCN-1	13	14	BSB	29-03-2025	29-03-2025	RGD	Daily	30-03-2025	30-03-2025	1	0	0
300	S		14224/23	EZ	LKO	Daily	CWGSCN-1	13	14	BSB	31-03-2025	31-03-2025	RGD	Daily	01-04-2025	01-04-2025	1	0	0
301	P	31	14230/29	EZ	LKO	3,5,1	CGS-2	18	20	YNRK	30-10-2024	11-11-2024	PYGS	2,4,7	31-10-2024	12-11-2024	2	1	2
302	K		14229/30	EZ	LKO	2,4,7	CGS-6	18	24	PYGS	26-12-2024	27-02-2025	YNRK	3,5,1	27-12-2024	28-02-2025	6	1	6
303	S	32	14235/36	EZ	LKO	Daily	CWGSCN-1	16	17	BSB	20-06-2024	30-06-2024	BE	Daily	21-06-2024	01-07-2024	1	2	2

304		S		14235/36	EZ	LKO	Daily	CWGSCN-1	16	17	BSB	08-08-2024	31-08-2024	BE	Daily	09-08-2024	01-09-2024	1	0	0
305		S		14235/36	EZ	LKO	Daily	CWGSCN-1	16	17	BSB	01-09-2024	30-09-2024	BE	Daily	02-09-2024	01-10-2024	1	0	0
306		P		14235/36	EZ	LKO	Daily	CWGSCN-1	16	17	BSB	15-10-2024	20-11-2024	BE	Daily	16-10-2024	21-11-2024	1	0	0
307		P		14235/36	EZ	LKO	Daily	CWGSCN-1	17	18	BSB	20-10-2024	20-11-2024	BE	Daily	21-10-2024	21-11-2024	1	2	2
308	33	K		14241/42	EZ	LKO	Daily	WGSCN-1	23	24	PYGS	20-01-2025	28-02-2025	SRE	Daily	21-01-2025	01-03-2025	1	2	2
309	34	P		14524/23	EZ	UMB	2,6	WGSCN-1	17	18	UMB	29-10-2024	29-10-2024	BJU	4,1	31-10-2024	31-10-2024	1	1	1
310		P		14524/23	EZ	UMB	2,6	WGSCN-1	17	18	UMB	02-11-2024	30-11-2024	BJU	4,1	04-11-2024	02-12-2024	1	0	0
311		P		14524/23	EZ	UMB	2,6	GS-4	18	22	UMB	29-10-2024	29-10-2024	BJU	4,1	31-10-2024	31-10-2024	4	1	4
312		P		14524/23	EZ	UMB	2,6	GS-4	18	22	UMB	02-11-2024	30-11-2024	BJU	4,1	04-11-2024	02-12-2024	4	0	0
313	35	S		14260/59	EZ	LKO	6	CWGSCN-1	17	18	LKO	06-04-2024	31-08-2024	GAYA	7	07-04-2024	01-09-2024	1	1	1
314	36	S		14262/61	EZ	LKO	2,4	CWGSCN-1	17	18	LKO	02-04-2024	29-08-2024	GAYA	3,5	03-04-2024	30-08-2024	1	0	0
315		S		14260/59	EZ	LKO	6	CWGSCN-1	17	18	LKO	07-09-2024	28-12-2024	GAYA	7	08-09-2024	29-12-2024	1	0	0
316		S		14262/61	EZ	LKO	2,4	CWGSCN-1	17	18	LKO	03-09-2024	31-12-2024	GAYA	3,5	04-09-2024	01-01-2025	1	0	0
317		R		14260/59	EZ	LKO	6	CWGSCN-1	17	18	LKO	04-01-2025	01-03-2025	GAYA	7	05-01-2025	02-03-2025	1	0	0
318		R		14262/61	EZ	LKO	2,4	CWGSCN-1	17	18	LKO	02-01-2025	27-02-2025	GAYA	3,5	03-01-2025	28-02-2025	1	0	0
319		R		14260/59	EZ	LKO	6	CWGSCN-1	17	18	LKO	08-03-2025	29-03-2025	GAYA	7	09-03-2025	30-03-2025	1	0	0
320		R		14262/61	EZ	LKO	2,4	CWGSCN-1	17	18	LKO	04-03-2025	27-03-2025	GAYA	3,5	05-03-2025	28-03-2025	1	0	0
321		R		14260/59	EZ	LKO	6	CWGACCN-1	17	18	LKO	06-04-2024	31-08-2024	GAYA	7	07-04-2024	01-09-2024	1	1	1
322		R		14262/61	EZ	LKO	2,4	CWGACCN-1	17	18	LKO	02-04-2024	29-08-2024	GAYA	3,5	03-04-2024	30-08-2024	1	0	0
323		R		14260/59	EZ	LKO	6	CWGACCN-1	17	18	LKO	07-09-2024	28-12-2024	GAYA	7	08-09-2024	29-12-2024	1	0	0
324		R		14262/61	EZ	LKO	2,4	CWGACCN-1	17	18	LKO	03-09-2024	31-12-2024	GAYA	3,5	04-09-2024	01-01-2025	1	0	0
325		R		14260/59	EZ	LKO	6	CWGACCN-1	17	18	LKO	04-01-2025	01-03-2025	GAYA	7	05-01-2025	02-03-2025	1	0	0
326		R		14262/61	EZ	LKO	2,4	CWGACCN-1	17	18	LKO	02-01-2025	27-02-2025	GAYA	3,5	03-01-2025	28-02-2025	1	0	0
327		R		14260/59	EZ	LKO	6	CWGACCN-1	17	18	LKO	08-03-2025	29-03-2025	GAYA	7	09-03-2025	30-03-2025	1	0	0
328		R		14262/61	EZ	LKO	2,4	CWGACCN-1	17	18	LKO	04-03-2025	27-03-2025	GAYA	3,5	05-03-2025	28-03-2025	1	0	0
329	37	R		14308/07	EZ	MB	Daily	WGACCW-1	13	14	BE	01-04-2024	30-04-2024	PYGS	Daily	02-04-2024	03-05-2024	1	3	3
330		R		14308/07	EZ	MB	Daily	WGACCW-1	13	14	BE	01-05-2024	30-06-2024	PYGS	Daily	04-05-2024	03-07-2024	1	0	0
331		R		14308/07	EZ	MB	Daily	WGACCW-1	13	14	BE	01-07-2024	31-08-2024	PYGS	Daily	04-07-2024	03-09-2024	1	0	0

332		R		14308/07	EZ	MB	Daily	WGACCW-1	13	14	BE	01-09-2024	30-11-2024	PYGS	Daily	03-09-2024	03-12-2024	1	0	0
333		R		14308/07	EZ	MB	Daily	WGACCW-1	13	14	BE	01-12-2024	31-03-2025	PYGS	Daily	04-12-2024	01-04-2025	1	0	0
334		R		14308/07	EZ	MB	Daily	WGSCN-1	14	15	BE	17-08-2024	17-08-2024	PYGS	Daily	20-08-2024	20-08-2024	1	1	1
335	38	R		04383/84	EZ	MB	Daily	WGACCW-1	13	14	PYGS	01-04-2024	01-05-2024	JNU	Daily	02-04-2024	01-05-2024	1	0	0
336		R		04383/84	EZ	MB	Daily	WGACCW-1	13	14	PYGS	02-05-2024	01-07-2024	JNU	Daily	02-05-2024	01-07-2024	1	0	0
337		R		04383/84	EZ	MB	Daily	WGACCW-1	13	14	PYGS	02-07-2024	01-09-2024	JNU	Daily	02-07-2024	01-09-2024	1	0	0
338		R		04383/84	EZ	MB	Daily	WGACCW-1	13	14	PYGS	02-09-2024	01-12-2024	JNU	Daily	02-09-2024	01-12-2024	1	0	0
339		R		04383/84	EZ	MB	Daily	WGACCW-1	13	14	PYGS	02-12-2024	31-03-2025	JNU	Daily	02-12-2024	31-03-2025	1	0	0
340		R		04383/84	EZ	MB	Daily	WGSCN-1	14	15	PYGS	18-08-2024	18-08-2024	JNU	Daily	18-08-2024	18-08-2024	1	0	0
341	39	R		14231/32	EZ	MB	1,2,3,5,6	WGACCW-1	13	14	PYGS	01-04-2024	01-05-2024	BST	1,2,3,5,6	02-04-2024	01-05-2024	1	0	0
342		R		14231/32	EZ	MB	1,2,3,5,6	WGACCW-1	13	14	PYGS	03-05-2024	02-07-2024	BST	1,2,3,5,6	03-05-2024	02-07-2024	1	0	0
343		R		14231/32	EZ	MB	1,2,3,5,6	WGACCW-1	13	14	PYGS	03-07-2024	02-09-2024	BST	1,2,3,5,6	03-07-2024	02-09-2024	1	0	0
344		R		14231/32	EZ	MB	1,2,3,5,6	WGACCW-1	13	14	PYGS	03-09-2024	02-12-2024	BST	1,2,3,5,6	03-09-2024	02-12-2024	1	0	0
345		R		14231/32	EZ	MB	1,2,3,5,6	WGACCW-1	13	14	PYGS	03-12-2024	31-03-2025	BST	1,2,3,5,6	03-12-2024	31-03-2025	1	0	0
346		R		14231/32	EZ	MB	1,2,3,5,6	WGSCN-1	14	15	PYGS	19-08-2024	19-08-2024	BST	1,2,3,5,6	19-08-2024	19-08-2024	1	0	0
347		M		14308/07	EZ	MB	Daily	GS-2	14	16	BE	29-08-2024	31-08-2024	PYGS	Daily	01-09-2024	03-09-2024	2	3	6
348		M		04383/84	EZ	MB	Daily	GS-2	14	16	PYGS	30-08-2024	01-09-2024	JNU	Daily	30-08-2024	01-09-2024	2	0	0
349		M		14231/32	EZ	MB	1,2,3,5,6	GS-2	14	16	PYGS	31-08-2024	02-09-2024	BST	1,2,3,5,6	31-08-2024	02-09-2024	2	0	0
350		K		14308/07	EZ	MB	Daily	GS-4	13	17	BE	30-12-2024	28-02-2025	PYGS	Daily	02-01-2025	03-03-2025	4	3	12
351		K		04383/84	EZ	MB	Daily	GS-4	13	17	PYGS	31-12-2024	01-03-2025	JNU	Daily	31-12-2024	01-03-2025	4	0	0
352		K		14231/32	EZ	MB	1,2,3,5,6	GS-4	13	17	PYGS	01-01-2025	01-03-2025	BST	1,2,3,5,6	01-01-2025	01-03-2025	4	0	0
353	40	R		14310/09	CZ	MB	2,3	LWACCNE-1	15	16	YNRK	02-04-2024	22-05-2024	LMNR	3,4	03-04-2024	23-05-2024	1	2	2
354		R		14310/09	CZ	MB	2,3	LWACCNE-1	15	16	YNRK	28-05-2024	28-08-2024	LMNR	3,4	29-05-2024	29-08-2024	1	0	0
355		R		14310/09	CZ	MB	2,3	LWACCNE-1	15	16	YNRK	03-09-2024	25-09-2024	LMNR	3,4	04-09-2024	26-09-2024	1	0	0
356		R		14310/09	CZ	MB	2,3	LWACCNE-1	15	16	YNRK	01-10-2024	30-10-2024	LMNR	3,4	02-10-2024	31-10-2024	1	0	0
357		R		14310/09	CZ	MB	2,3	LWACCNE-1	15	16	YNRK	05-11-2024	20-11-2024	LMNR	3,4	06-11-2024	21-11-2024	1	0	0
358	41	R		14318/17	CZ	MB	5,6	LWACCNE-1	15	16	YNRK	05-04-2024	18-05-2024	LMNR	6,7	06-04-2024	19-05-2024	1	0	0
359		R		14318/17	CZ	MB	5,6	LWACCNE-1	15	16	YNRK	24-05-2024	31-08-2024	LMNR	6,7	25-05-2024	01-09-2024	1	0	0

360		R		14318/17	CZ	MB	5,6	LWACCNE-1	15	16	YNRK	06-09-2024	28-09-2024	LMNR	6,7	07-09-2024	29-09-2024	1	0	0
361		R		14318/17	CZ	MB	5,6	LWACCNE-1	15	16	YNRK	04-10-2024	26-10-2024	LMNR	6,7	05-10-2024	27-10-2024	1	0	0
362		R		14318/17	CZ	MB	5,6	LWACCNE-1	15	16	YNRK	01-11-2024	16-11-2024	LMNR	6,7	02-11-2024	17-11-2024	1	0	0
363	42	R		14503/04	NZ	UMB	2,5	WGACCN-1	15	16	KLK	02-04-2024	28-06-2024	SVDK	3,6	03-04-2024	29-06-2024	1	2	2
364	43	R		22456/55	CZ	UMB	4,7	WGACCN-1	15	16	KLK	04-04-2024	30-06-2024	SNSI	6,2	06-04-2024	02-07-2024	1	0	0
365		R		14503/04	NZ	UMB	2,5	WGACCN-1	15	16	KLK	02-07-2024	01-10-2024	SVDK	3,6	03-07-2024	02-10-2024	1	0	0
366		R		22456/55	CZ	UMB	4,7	WGACCN-1	15	16	KLK	04-07-2024	03-10-2024	SNSI	6,2	06-07-2024	05-10-2024	1	0	0
367		R		14503/04	NZ	UMB	2,5	WGACCN-1	15	16	KLK	04-10-2024	03-01-2025	SVDK	3,6	05-10-2024	04-01-2024	1	0	0
368		R		22456/55	CZ	UMB	4,7	WGACCN-1	15	16	KLK	06-10-2024	05-01-2025	SNSI	6,2	08-10-2024	07-01-2025	1	0	0
369		R		22456/55	CZ	UMB	4,7	WGACCN-1	15	16	KLK	09-01-2025	27-02-2025	SNSI	6,2	11-01-2025	01-03-2025	1	0	0
370		R		14503/04	NZ	UMB	2,5	WGACCN-1	15	16	KLK	04-03-2025	28-03-2025	SVDK	3,6	05-03-2025	29-03-2025	1	0	0
371		R		22456/55	CZ	UMB	4,7	WGACCN-1	15	16	KLK	02-03-2025	30-03-2025	SNSI	6,2	04-03-2025	01-04-2025	1	0	0
372	44	R		14522/21	NZ	UMB	Daily	WGSCN-2	13	15	UMB	01-04-2024	13-04-2024	DLI	Daily	02-04-2024	14-04-2024	2	2	4
373	45	R		14507/08	NZ	UMB	Daily	WGSCN-2	13	15	DLI	01-04-2024	13-04-2024	FKA	Daily	02-04-2024	14-04-2024	2	0	0
374		R		14522/21	NZ	UMB	Daily	WGSCN-2	13	15	UMB	14-04-2024	13-07-2024	DLI	Daily	15-04-2024	14-07-2024	2	0	0
375		R		14507/08	NZ	UMB	Daily	WGSCN-2	13	15	DLI	14-04-2024	13-07-2024	FKA	Daily	15-04-2024	14-07-2024	2	0	0
376		R		14522/21	NZ	UMB	Daily	WGSCN-2	13	15	UMB	14-07-2024	31-10-2024	DLI	Daily	15-07-2024	01-11-2024	2	0	0
377		R		14507/08	NZ	UMB	Daily	WGSCN-2	13	15	DLI	14-07-2024	31-10-2024	FKA	Daily	15-07-2024	01-11-2024	2	0	0
378		R		14522/21	NZ	UMB	Daily	WGSCN-2	13	15	UMB	01-11-2024	31-01-2025	DLI	Daily	02-11-2024	01-02-2025	2	0	0
379		R		14507/08	NZ	UMB	Daily	WGSCN-2	13	15	DLI	01-11-2024	31-01-2025	FKA	Daily	02-11-2024	01-02-2025	2	0	0
380		R		14522/21	NZ	UMB	Daily	WGSCN-2	13	15	UMB	01-02-2025	31-03-2025	DLI	Daily	02-02-2025	01-04-2025	2	0	0
381		R		14507/08	NZ	UMB	Daily	WGSCN-2	13	15	DLI	01-02-2025	31-03-2025	FKA	Daily	02-02-2025	01-04-2025	2	0	0
382		R		14522/21	NZ	UMB	Daily	WGACCN-1	15	16	UMB	01-04-2024	31-05-2024	DLI	Daily	02-04-2024	01-06-2024	1	2	2
383		R		14507/08	NZ	UMB	Daily	WGACCN-1	15	16	DLI	01-04-2024	31-05-2024	FKA	Daily	02-04-2024	01-06-2024	1	0	0
384		R		14522/21	NZ	UMB	Daily	WGACCN-1	15	16	UMB	01-06-2024	31-07-2024	DLI	Daily	02-06-2024	01-08-2024	1	0	0
385		R		14507/08	NZ	UMB	Daily	WGACCN-1	15	16	DLI	01-06-2024	31-07-2024	FKA	Daily	02-06-2024	01-08-2024	1	0	0
386		R		14522/21	NZ	UMB	Daily	WGACCN-1	15	16	UMB	01-08-2024	31-10-2024	DLI	Daily	02-08-2024	01-11-2024	1	0	0
387		R		14507/08	NZ	UMB	Daily	WGACCN-1	15	16	DLI	01-08-2024	31-10-2024	FKA	Daily	02-08-2024	01-11-2024	1	0	0

388		R		14522/21	NZ	UMB	Daily	WGACCN-1	15	16	UMB	01-11-2024	31-01-2025	DLI	Daily	02-11-2024	01-02-2025	1	0	0
389		R		14507/08	NZ	UMB	Daily	WGACCN-1	15	16	DLI	01-11-2024	31-01-2025	FKA	Daily	02-11-2024	01-02-2025	1	0	0
390		R		14522/21	NZ	UMB	Daily	WGACCN-1	15	16	UMB	01-02-2025	31-03-2025	DLI	Daily	02-02-2025	01-04-2025	1	0	0
391		R		14507/08	NZ	UMB	Daily	WGACCN-1	15	16	DLI	01-02-2025	31-03-2025	FKA	Daily	02-02-2025	01-04-2025	1	0	0
392	46	S		14612/11	EZ	FZR	4	LWSCN-1	20	21	SVDK	16-05-2024	30-05-2024	GCT	5	17-05-2024	31-05-2024	1	1	1
393		S		14612/11	EZ	FZR	4	LWSCN-1	20	21	SVDK	20-06-2024	20-06-2024	GCT	5	21-06-2024	21-06-2024	1	0	0
394		S		14612/11	EZ	FZR	4	LWSCN-1	20	21	SVDK	27-06-2024	27-06-2024	GCT	5	28-06-2024	28-06-2024	1	0	0
395		S		14612/11	EZ	FZR	4	LWSCN-1	20	21	SVDK	04-07-2024	04-07-2024	GCT	5	05-07-2024	05-07-2024	1	0	0
396	47	S		14618/17	EZ	FZR	Daily	LWS-1	20	21	ASR	22-06-2024	30-06-2024	PRNC	Daily	24-06-2024	02-07-2024	1	4	4
397	48	S		04624/23	EZ	FZR	7	LWSCN-1	20	21	SVDK	19-05-2024	26-05-2024	BSB	2	21-05-2024	28-05-2024	1	0	0
398	49	P		14662/61	NZ	FZR	Daily	WGSCN-1	23	24	JAT	09-11-2024	14-11-2024	BME	Daily	12-11-2024	17-11-2024	1	4	4
399	50	R		04603/04	NZ	UMB	Daily	GS-3	7	10	BTI	01-04-2024	13-04-2024	FZR	Daily	02-04-2024	15-04-2024	3	3	9
400		R		04603/04	NZ	UMB	Daily	GS-3	7	10	BTI	14-04-2024	13-07-2024	FZR	Daily	16-04-2024	15-07-2024	3	0	0
401		R		04603/04	NZ	UMB	Daily	GS-3	7	10	BTI	14-07-2024	31-10-2024	FZR	Daily	16-07-2024	02-11-2024	3	0	0
402		R		04603/04 (54561/64)	NZ	UMB	Daily	GS-3	7	10	BTI	01-11-2024	31-01-2025	FZR	Daily	03-11-2024	02-02-2025	3	0	0
403		R		04603/04 (54561/64)	NZ	UMB	Daily	GS-3	7	10	BTI	01-02-2025	31-03-2025	FZR	Daily	03-02-2025	02-04-2025	3	0	0
404	51	R		04464/63	NZ	UMB	Daily	GS-3	7	10	FZR	01-04-2024	13-04-2024	LDH	Daily	02-04-2024	14-04-2024	3	0	0
405		R		04464/63	NZ	UMB	Daily	GS-3	7	10	FZR	14-04-2024	13-07-2024	LDH	Daily	15-04-2024	14-07-2024	3	0	0
406		R		04464/63	NZ	UMB	Daily	GS-3	7	10	FZR	14-07-2024	31-10-2024	LDH	Daily	15-07-2024	01-11-2024	3	0	0
407		R		04464/63	NZ	UMB	Daily	GS-3	7	10	FZR	01-11-2024	31-01-2025	LDH	Daily	02-11-2024	01-02-2025	3	0	0
408		R		04464/63 (54572/71)	NZ	UMB	Daily	GS-3	7	10	FZR	01-02-2025	31-03-2025	LDH	Daily	02-02-2025	01-04-2025	3	0	0
409	52	R		04555/56	NZ	UMB	Daily	GS-3	7	10	LDH	01-04-2024	13-04-2024	LNK	Daily	02-04-2024	14-04-2024	3	0	0
410		R		04555/56	NZ	UMB	Daily	GS-3	7	10	LDH	14-04-2024	13-07-2024	LNK	Daily	15-04-2024	14-07-2024	3	0	0
411		R		04555/56	NZ	UMB	Daily	GS-3	7	10	LDH	14-07-2024	31-10-2024	LNK	Daily	15-07-2024	01-11-2024	3	0	0
412		R		04555/56	NZ	UMB	Daily	GS-3	7	10	LDH	01-11-2024	31-01-2025	LNK	Daily	02-11-2024	01-02-2025	3	0	0

413		R		04555/56 (54575/76)	NZ	UMB	Daily	GS-3	7	10	LDH	01-02-2025	31-03-2025	LNK	Daily	01-02-2025	31-03-2025	3	0	0
414	53	R		04658/57	NZ	UMB	Daily	GS-3	7	10	FZR	01-04-2024	15-04-2024	BTI	Daily	01-04-2024	15-04-2024	3	0	0
415		R		04658/57	NZ	UMB	Daily	GS-3	7	10	FZR	16-04-2024	15-07-2024	BTI	Daily	16-04-2024	15-07-2024	3	0	0
416		R		04658/57	NZ	UMB	Daily	GS-3	7	10	FZR	16-07-2024	02-11-2024	BTI	Daily	16-07-2024	02-11-2024	3	0	0
417		R		04658/57	NZ	UMB	Daily	GS-3	7	10	FZR	03-11-2024	02-02-2025	BTI	Daily	03-11-2024	02-02-2025	3	0	0
418		R		04658/57 (54562/63)	NZ	UMB	Daily	GS-3	7	10	FZR	03-02-2025	31-03-2025	BTI	Daily	03-02-2025	31-03-2025	3	0	0
419	54	R		04570/69	NZ	UMB	Daily	GS-1	9	10	FZR	01-04-2024	13-04-2024	BTI	Daily	01-04-2024	13-04-2024	1	1	1
420		R		04570/69	NZ	UMB	Daily	GS-1	9	10	FZR	14-04-2024	13-07-2024	BTI	Daily	14-04-2024	13-07-2024	1	0	0
421		R		04570/69	NZ	UMB	Daily	GS-1	9	10	FZR	14-07-2024	31-10-2024	BTI	Daily	14-07-2024	31-10-2024	1	0	0
422		R		04570/69	NZ	UMB	Daily	GS-1	9	10	FZR	01-11-2024	31-01-2025	BTI	Daily	01-11-2024	31-01-2025	1	0	0
423		R		04570/69 (54532/31)	NZ	UMB	Daily	GS-1	9	10	FZR	01-02-2025	31-03-2025	BTI	Daily	01-02-2025	31-03-2025	1	0	0
424	55	S		04652/51	EZ	FZR	3,5,7	LWSCN-1	17	18	ASR	23-06-2024	23-06-2024	JYG	2,5,7	25-06-2024	25-06-2024	1	0	0
425		S		04652/51	EZ	FZR	3,5,7	LWSCN-1	17	18	ASR	26-06-2024	10-07-2024	JYG	2,5,7	28-06-2024	12-07-2024	1	2	2
426	56	S		04654/53	EZ	FZR	3	LWSCN-1	17	18	ASR	26-06-2024	26-06-2024	NJP	5	28-06-2024	28-06-2024	1	1	1
427		S		04654/53	EZ	FZR	3	LWSCN-1	17	18	ASR	03-07-2024	10-07-2024	NJP	5	05-07-2024	12-07-2024	1	0	0
428	57	R		20401/02	EZ	LKO	Daily	WGSCZAC-1	16	17	BSB	01-04-2024	30-04-2024	LKO	Daily	01-04-2024	30-04-2024	1	1	1
429		R		20401/02	EZ	LKO	Daily	WGSCN-1	16	17	BSB	27-05-2024	30-11-2024	LKO	Daily	27-05-2024	30-11-2024	1	1	1
430		R		20401/02	EZ	LKO	Daily	WGSCN-1	16	17	BSB	01-12-2024	31-03-2025	LKO	Daily	01-12-2024	31-03-2025	1	0	0
431		S		20401/02	EZ	LKO	Daily	WGACCN-2	17	19	LKO	20-06-2024	30-06-2024	BSB	Daily	21-06-2024	01-07-2024	2	1	2
432		S		20401/02	EZ	LKO	Daily	WGACCN-2	17	19	LKO	01-07-2024	31-08-2024	BSB	Daily	02-07-2024	01-09-2024	2	0	0
433		R		20401/02	EZ	LKO	Daily	WGACCN-2	17	19	LKO	01-09-2024	31-12-2024	BSB	Daily	02-09-2024	31-12-2024	2	0	0
434		R		20401/02	EZ	LKO	Daily	WGACCN-2	17	19	LKO	01-01-2025	28-02-2025	BSB	Daily	01-01-2025	28-02-2025	2	0	0
435		R		20401/02	EZ	LKO	Daily	WGACCN-2	17	19	LKO	01-03-2025	31-03-2025	BSB	Daily	01-03-2025	31-03-2025	2	0	0
436		S		20401/02	EZ	LKO	Daily	WGSCZ-1	19	20	LKO	20-06-2024	30-06-2024	BSB	Daily	21-06-2024	01-07-2024	1	1	1
437		S		20401/02	EZ	LKO	Daily	WGSCZ-1	19	20	LKO	01-07-2024	31-08-2024	BSB	Daily	02-07-2024	01-09-2024	1	0	0
438		R		20401/02	EZ	LKO	Daily	WGSCZ-1	19	20	LKO	01-09-2024	31-12-2024	BSB	Daily	02-09-2024	31-12-2024	1	0	0

439		R		20401/02	EZ	LKO	Daily	WGSCZ-1	19	20	LKO	01-01-2025	28-02-2025	BSB	Daily	01-01-2025	28-02-2025	1	0	0
440		R		20401/02	EZ	LKO	Daily	WGSCZ-1	19	20	LKO	01-03-2025	31-03-2025	BSB	Daily	01-03-2025	31-03-2025	1	0	0
441	58	H		20413/14	EZ	LKO	2,4	LWSCN-1	16	17	BSB	18-06-2024	20-06-2024	INDB	3,5	19-06-2024	21-06-2024	1	1	1
442	59	H		20415/16	EZ	LKO	7	LWSCN-1	16	17	BSB	16-06-2024	16-06-2024	INDB	1	17-06-2024	17-06-2024	1	0	0
443	60	W		20498/97	WZ	FZR	6	LWSCN-1	20	21	FZR	28-12-2024	28-12-2024	MMB	2	31-12-2024	31-12-2024	1	1	1
444	61	S		22401/02	NZ	DLI	1,3,6	LWACCN-1	20	21	DEE	25-05-2024	27-05-2024	MCTM	2,4,7	26-05-2024	28-05-2024	1	1	1
445		S		22401/02	NZ	DLI	1,3,6	LWACCN-1	20	21	DEE	14-08-2024	14-08-2024	MCTM	2,4,7	15-08-2024	15-08-2024	1	0	0
446		P		22401/02	NZ	DLI	1,3,6	LWACCN-1	20	21	DEE	05-10-2024	18-11-2024	MCTM	2,4,7	06-10-2024	19-11-2024	1	0	0
447		W		22401/02	NZ	DLI	1,3,6	LWACCN-1	20	21	DEE	21-12-2024	25-12-2024	MCTM	2,4,7	22-12-2024	26-12-2024	1	0	0
448		W		22401/02	NZ	DLI	1,3,6	LWACCN-1	20	21	DEE	28-12-2024	30-12-2024	MCTM	2,4,7	29-12-2024	31-12-2024	1	0	0
449		W		22401/02	NZ	DLI	1,3,6	LWACCN-1	20	21	DEE	11-01-2025	11-01-2025	MCTM	2,4,7	12-01-2025	12-01-2025	1	0	0
450		W		22401/02	NZ	DLI	1,3,6	LWACCN-1	20	21	DEE	15-01-2025	15-01-2025	MCTM	2,4,7	16-01-2025	16-01-2025	1	0	0
451		W		22401/02	NZ	DLI	1,3,6	LWACCN-1	20	21	DEE	27-01-2025	27-01-2025	MCTM	2,4,7	28-01-2025	28-01-2025	1	0	0
452		W		22401/02	NZ	DLI	1,3,6	LWACCN-1	20	21	DEE	05-02-2025	05-02-2025	MCTM	2,4,7	06-02-2025	06-02-2025	1	0	0
453		W		22401/02	NZ	DLI	1,3,6	LWACCN-1	20	21	DEE	08-02-2025	12-02-2025	MCTM	2,4,7	09-02-2025	13-02-2025	1	0	0
454		W		22401/02	NZ	DLI	1,3,6	LWACCN-1	20	21	DEE	15-02-2025	17-02-2025	MCTM	2,4,7	16-02-2025	18-02-2025	1	0	0
455		W		22401/02	NZ	DLI	1,3,6	LWACCN-1	20	21	DEE	24-02-2025	24-02-2025	MCTM	2,4,7	25-02-2025	25-02-2025	1	0	0
456		H		22401/02	NZ	DLI	1,3,6	LWACCN-1	20	21	DEE	12-03-2025	12-03-2025	MCTM	2,4,7	13-03-2025	13-03-2025	1	0	0
457		H		22401/02	NZ	DLI	1,3,6	LWACCN-1	20	21	DEE	22-03-2025	26-03-2025	MCTM	2,4,7	23-03-2025	27-03-2025	1	0	0
458		S		22401/02	NZ	DLI	1,3,6	LWACCN-1	20	21	DEE	29-03-2025	31-03-2025	MCTM	2,4,7	30-03-2025	01-04-2025	1	0	0
459	62	D		22412/11	EZ	DLI	7,4	LWACCNE-1	21	22	ANVT	04-04-2024	04-04-2024	NHLN	2,6	06-04-2024	06-04-2024	1	1	1
460		D		22412/11	EZ	DLI	7,4	LWACCNE-1	21	22	ANVT	18-04-2024	18-04-2024	NHLN	2,6	20-04-2024	20-04-2024	1	0	0
461		D		22412/11	EZ	DLI	7,4	LWACCNE-1	21	22	ANVT	21-04-2024	21-04-2024	NHLN	2,6	23-04-2024	23-04-2024	1	0	0
462		D		22412/11	EZ	DLI	7,4	LWACCNE-1	21	22	ANVT	25-04-2024	25-04-2024	NHLN	2,6	27-04-2024	27-04-2024	1	0	0
463		D		22412/11	EZ	DLI	7,4	LWACCN-1	21	22	ANVT	30-05-2024	30-05-2024	NHLN	2,6	01-06-2024	01-06-2024	1	1	1
464		S		22412/11	EZ	DLI	7,4	LWACCN-1	21	22	ANVT	02-06-2024	06-06-2024	NHLN	2,6	04-06-2024	08-06-2024	1	1	1
465		P		22412/11	EZ	DLI	7,4	LWACCN-1	21	22	ANVT	03-11-2024	07-11-2024	NHLN	2,6	05-11-2024	09-11-2024	1	0	0
466	63	S		22467/68	WZ	LKO	3	LWSCN-1	16	17	BSB	26-06-2024	26-06-2024	INDB	4	27-06-2024	27-06-2024	1	1	1

467	64	M		04361/62	EZ	MB	Daily	GS-3	10	13	HW	22-07-2024	19-08-2024	RKSH	Daily	22-07-2024	19-08-2024	3	2	6
468	65	M		04363/64	EZ	MB	Daily	GS-3	10	13	HW	22-07-2024	19-08-2024	RKSH	Daily	23-07-2024	20-08-2024	3	0	0
469	66	M		04360/59	EZ	MB	Daily	GS-3	10	13	RKSH	22-07-2024	19-08-2024	CH	Daily	23-07-2024	20-08-2024	3	0	0
470		M		04361/62	EZ	MB	Daily	GS-3	10	13	HW	22-08-2024	31-08-2024	RKSH	Daily	23-08-2024	31-08-2024	3	0	0
471		M		04363/64	EZ	MB	Daily	GS-3	10	13	HW	22-08-2024	31-08-2024	RKSH	Daily	23-08-2024	01-09-2024	3	0	0
472		M		04360/59	EZ	MB	Daily	GS-3	10	13	RKSH	22-08-2024	31-08-2024	CH	Daily	23-08-2024	01-09-2024	3	0	0
473		M		04361/62	EZ	MB	Daily	GS-3	10	13	HW	05-09-2024	25-09-2024	RKSH	Daily	05-09-2024	25-09-2024	3	0	0
474		M		04363/64	EZ	MB	Daily	GS-3	10	13	HW	05-09-2024	25-09-2024	RKSH	Daily	06-09-2024	26-09-2024	3	0	0
475		M		04360/59	EZ	MB	Daily	GS-3	10	13	RKSH	05-09-2024	25-09-2024	CH	Daily	06-09-2024	26-09-2024	3	0	0
476	67	M		04374/73	EZ	MB	Daily	GS-2	13	15	DDN	22-07-2024	19-08-2024	SRE	Daily	22-07-2024	19-08-2024	2	1	2
477		M		04374/73	EZ	MB	Daily	GS-2	13	15	DDN	22-08-2024	31-08-2024	SRE	Daily	22-08-2024	31-08-2024	2	0	0
478		M		04374/73	EZ	MB	Daily	GS-2	13	15	DDN	05-09-2024	24-09-2024	SRE	Daily	05-09-2024	24-09-2024	2	0	0
479		W		04374/73	EZ	MB	Daily	GS-1	13	14	DDN	11-12-2024	11-12-2024	SRE	Daily	11-12-2024	11-12-2024	1	0	0
480		W		04374/73	EZ	MB	Daily	GS-2	13	15	DDN	12-12-2024	14-12-2024	SRE	Daily	12-12-2024	14-12-2024	2	0	0
481	68	M		04376/75	EZ	MB	Daily	GS-2	13	15	BE	22-07-2024	19-08-2024	ALJN	Daily	22-07-2024	19-08-2024	2	2	4
482	69	M		04378/77	EZ	MB	Daily	GS-2	13	15	BE	22-07-2024	19-08-2024	ALJN	Daily	22-07-2024	19-08-2024	2	0	0
483		M		04376/75	EZ	MB	Daily	GS-2	13	15	BE	22-08-2024	31-08-2024	ALJN	Daily	22-08-2024	31-08-2024	2	0	0
484		M		04378/77	EZ	MB	Daily	GS-2	13	15	BE	22-08-2024	31-08-2024	ALJN	Daily	22-08-2024	31-08-2024	2	0	0
485		M		04376/75	EZ	MB	Daily	GS-2	13	15	BE	05-09-2024	25-09-2024	ALJN	Daily	05-09-2024	25-09-2024	2	0	0
486		M		04378/77	EZ	MB	Daily	GS-2	13	15	BE	05-09-2024	25-09-2024	ALJN	Daily	05-09-2024	25-09-2024	2	0	0
487		M		04376/75	EZ	MB	Daily	GS-2	13	15	BE	14-11-2024	16-11-2024	ALJN	Daily	14-11-2024	16-11-2024	2	0	0
488		M		04378/77	EZ	MB	Daily	GS-2	13	15	BE	14-11-2024	16-11-2024	ALJN	Daily	14-11-2024	16-11-2024	2	0	0
489	70	M		04334/33	EZ	MB	Daily	GS-1	10	11	NBD	22-07-2024	19-08-2024	GJL	Daily	23-07-2024	20-08-2024	1	3	3
490	71	M		04394/93	EZ	MB	Daily	GS-1	10	11	GJL	22-07-2024	19-08-2024	ALJN	Daily	23-07-2024	20-08-2024	1	0	0
491	72	M		04358/57	EZ	MB	Daily	GS-1	10	11	NBD	22-07-2024	19-08-2024	MB	Daily	22-07-2024	19-08-2024	1	0	0
492		M		04334/33	EZ	MB	Daily	GS-1	10	11	NBD	22-08-2024	31-08-2024	GJL	Daily	23-08-2024	01-09-2024	1	0	0
493		M		04394/93	EZ	MB	Daily	GS-1	10	11	GJL	22-08-2024	31-08-2024	ALJN	Daily	23-08-2024	01-09-2024	1	0	0
494		M		04358/57	EZ	MB	Daily	GS-1	10	11	NBD	22-08-2024	31-08-2024	MB	Daily	22-08-2024	31-08-2024	1	0	0
495		M		04334/33	EZ	MB	Daily	GS-1	10	11	NBD	05-09-2024	25-09-2024	GJL	Daily	06-09-2024	26-09-2024	1	0	0

496		M		04394/93	EZ	MB	Daily	GS-1	10	11	GJL	05-09-2024	25-09-2024	ALJN	Daily	06-09-2024	26-09-2024	1	0	0
497		M		04358/57	EZ	MB	Daily	GS-1	10	11	NBD	05-09-2024	25-09-2024	MB	Daily	05-09-2024	25-09-2024	1	0	0
498		M		04334/33	EZ	MB	Daily	GS-1	10	11	NBD	14-11-2024	16-11-2024	GJL	Daily	15-11-2024	17-11-2024	1	0	0
499		M		04394/93	EZ	MB	Daily	GS-1	10	11	GJL	14-11-2024	16-11-2024	ALJN	Daily	15-11-2024	17-11-2024	1	0	0
500		M		04358/57	EZ	MB	Daily	GS-1	10	11	NBD	14-11-2024	16-11-2024	MB	Daily	14-11-2024	16-11-2024	1	0	0
501	73	M		14306/05	EZ	MB	Daily	GS-2	13	15	HW	22-07-2024	19-08-2024	DLI	Daily	23-07-2024	20-08-2024	2	3	6
502	74	M		14304/03	EZ	MB	Daily	GS-2	13	15	HW	22-07-2024	19-08-2024	DLI	Daily	22-07-2024	19-08-2024	2	0	0
503	75	M		04599/600	EZ	MB	Daily	GS-2	13	15	DLI	22-07-2024	19-08-2024	SRE	Daily	23-07-2024	20-08-2024	2	0	0
504		M		14306/05	EZ	MB	Daily	GS-1	13	14	HW	22-08-2024	31-08-2024	DLI	Daily	23-08-2024	01-09-2024	1	0	0
505		M		14304/03	EZ	MB	Daily	GS-1	13	14	HW	22-08-2024	31-08-2024	DLI	Daily	22-08-2024	31-08-2024	1	0	0
506		M		04599/600	EZ	MB	Daily	GS-1	13	14	DLI	22-08-2024	31-08-2024	SRE	Daily	23-08-2024	01-09-2024	1	0	0
507		M		14306/05	EZ	MB	Daily	GS-1	13	14	HW	05-09-2024	24-09-2024	DLI	Daily	06-09-2024	25-09-2024	1	0	0
508		M		14304/03	EZ	MB	Daily	GS-1	13	14	HW	05-09-2024	24-09-2024	DLI	Daily	05-09-2024	24-09-2024	1	0	0
509		M		04599/600	EZ	MB	Daily	GS-1	13	14	DLI	05-09-2024	24-09-2024	SRE	Daily	06-09-2024	25-09-2024	1	0	0
510	76	M		04303/04	NZ	DLI	Daily	GS-2	18	20	BE	29-08-2024	31-08-2024	DLI	Daily	30-08-2024	01-09-2024	2	2	4
511	77	M		04433/34	EZ	DLI	Daily	GS-2	18	20	DLI	30-08-2024	01-09-2024	RE	Daily	30-08-2024	01-09-2024	2	0	0
512	78	S		04211/12	NZ	LKO	6	LWS-1	16	17	BSB	13-07-2024	13-07-2024	CDG	7	14-07-2024	14-07-2024	1	1	1
513		S		04211/12	NZ	LKO	6	LWSCN-1	17	19	BSB	13-07-2024	13-07-2024	CDG	7	14-07-2024	14-07-2024	2	1	2
514		S		04211/12	NZ	LKO	6	LWACCNE-2	19	21	BSB	13-07-2024	13-07-2024	CDG	7	14-07-2024	14-07-2024	2	1	2
515		S		04211/12	NZ	LKO	6	LWACCN-1	21	22	BSB	13-07-2024	13-07-2024	CDG	7	14-07-2024	14-07-2024	1	1	1
516	79	P		15012/11	EZ	UMB	Daily	LWACCNE-2	16	18	CDG	30-10-2024	30-10-2024	LJN	Daily	31-10-2024	31-10-2024	2	1	2
517	80	P		04217/18	EZ	LKO	Daily	GS-1	14	15	LKO	20-10-2024	20-11-2024	BSB	Daily	20-10-2024	20-11-2024	1	1	1
518	81	K		04245/46	EZ	LKO	Daily	GS-10	10	20	LKO	29-12-2024	28-02-2025	PYGS	Daily	30-12-2024	01-03-2025	10	1	10
519	82	K		04256/55	EZ	LKO	Daily	GS-7	9	16	LKO	25-12-2024	28-02-2025	PYGS	Daily	25-12-2024	28-02-2025	7	1	7
520	83	K		04066/65	EZ	DLI	5,6,,7,4	CWGACCW-2	20	22	DLI	25-01-2025	27-02-2025	PFM	6,7,1,5	26-01-2025	28-02-2025	2	1	2
521		K		04066/65	EZ	DLI	5,6,,7,4	CWGCWNAC-1	22	23	DLI	25-01-2025	27-02-2025	PFM	6,7,1,5	26-01-2025	28-02-2025	1	1	1
522		K		04066/65	EZ	DLI	5,6,,7,4	CWGSCN-1	23	24	DLI	13-02-2025	27-02-2025	PFM	6,7,1,5	14-02-2025	28-02-2025	1	1	1
	83																**Total**		**98**	**206**

LIST OF NR TRAINS CONVERTED INTO LHB 2024-2025
Annexure-C

S.No.	Year	Rly.	Divn.	Train No.	From	To	Catry	Dist.	Dist. Round Trip covered	PM At	Old Type of Rake	Rakes Converted into	Rakes Converted into LHB W.e.f.	Revised Train No.	No. of Rakes
1	2024-25	NR		12212/11	ANVT	MFP	GRB	1060	2120	ANVT	ICF(EOG)	LHB	10-04-2024	RLRA-60/2024	3
2	2024-25	NR	DLI	12436/35	ANVT	JYG	GRB	1252	2504	ANVT	ICF(EOG)	LHB	13-04-2024	RLRA-60/2024	0
3	2024-25	NR	DLI	22405/06	ANVT	BGP	GRB	1207	2414	ANVT	ICF(EOG)	LHB	10-04-2024	RLRA-60/2024	0
4	2024-25	NR	DLI	22410/09	ANVT	GAYA	GRB	977	1954	ANVT	ICF(EOG)	LHB	13-04-2024	RLRA-60/2024	0
5	2024-25	NR	DLI	12215/16	DEE	BDTS	GRB	1431	2862	DEE	ICF(EOG)	LHB	02-05-2024	RLRA-68/2024	2
6	2024-25	NR	FZR	12204/03	ASR	SHC	GRB	1715	3430	ASR	ICF(EOG)	LHB	07-08-2024	RLRA-84/2024	2
7	2024-25	NR	FZR	12208/07	JAT	KGM	GRB	769	1538	JAT	ICF(EOG)	LHB	30-06-2024	RLRA-94/2024	1
8	2024-25	NR	FZR	12210/09	KGM	CNB	GRB	416	832	JAT	ICF(EOG)	LHB	01-07-2024	RLRA-94/2024	0
9	2024-25	NR	BSB	22417/18	BSB	NDLS	SUF	775	1550	BSB	ICF(IRS)	LHB	29-03-2025	RLRA-38/2025	1

LIST OF NR TRAINS CONVERTED INTO MEMU RAKE DURING 2024-25
Annexure-D

S. No.	Year	Rly.	Divn.	Train No.	From	To	Catry	Dist.	Dist. Round Trip covered	PM At	Old Type of Rake	Rakes Converted into	Rakes Converted into MEMU W.e.f.	No. of Rakes
1	2024-25	NR	MB	04366/65	MB	BE	Pass	110	220	DLI/CYZ	ICF(IRS)	MEMU	08-04-2024	1
2	2024-25	NR	MB	04380/79	BE	RAC	Pass	78	156	DLI/CYZ	ICF(IRS)	MEMU	08-04-2024	1

LIST OF NORTHERN RAILWAY TRAINS STANDARDISED DURING 2024-25

Annexure-E

S. No.		No. of Rakes	No. of Trains running in links (pairs)	No. of Links	Present Load	Train- Number which is run by these rakes	Notified During	W.E.F.	Remarks	
1	2024-25	2	1	1	22	12428/12427 ANVT-REWA Superfast Express	Feb-24	01-07-2024	These trains have been repeated, due to New Standardization policy No. 201/CHG/11/7Part dated-14.10.2023	RLRA-29/24
2	2024-25	4	1	1	22	14006/14005 ANVT-SMI Lichchivi Express	Feb-24	01-07-2024	DO'	RLRA-29/24
3	2024-25	3	1	1	22	12487/12488 ANVT-JBN Seemanchal Superfast Express	Feb-24	01-07-2024	DO'	RLRA-29/24
4	2024-25	2	2	1	22	14008/14007 ANVT-RXL Sadbhawna Express	Feb-24	02-07-2024	DO'	RLRA-29/24
5	2024-25	0	0	0	22	14016/14015 ANVT-RXL Sadbhawna Express	Feb-24	05-07-2024	DO'	RLRA-29/24
6	2024-25	1	2	1	22	14014/14013 ANVT-SLN Sadbhawna Express	Feb-24	01-07-2024	DO'	RLRA-29/24
7	2024-25	0	0	0	22	14018/14017 ANVT-RXL Sadbhawna Express	Feb-24	03-07-2024	DO'	RLRA-29/24
8	2024-25	2	2	1	21	22420/22419 ANVT-GCT Suhaildev Superfast Express	Feb-24	02-07-2024	DO'	RLRA-29/24
9	2024-25	0	0	0	21	22434/22434 ANVT-GCT Superfast Express	Feb-24	01-07-2024	DO'	RLRA-29/24
10	2024-25	1	2	1	21	22428/22427 ANVT-BUI Superfast Express	Feb-24	06-07-2024	DO'	RLRA-29/24
11	2024-25	0	0	0	21	22466/22465 ANVT-MDP Superfast Express	Feb-24	03-07-2024	DO'	RLRA-29/24
12	2024-25	2	1	1	22	12218/17 CDG-KCVL Kerala Sampark Kranti Express (Bi–Weekly)	Feb-24	03-07-2024	DO'	RLRA-29/24
13	2024-25	2	2	1	22	12450/49 CDG-MAO Goa Sampark Kranti Express (Bi–Weekly)	Feb-24	01-07-2024	DO'	RLRA-29/24
14	2024-25	0	0	0	22	10215/10216 MAO-ERS Express	Feb-24	07-07-2024	DO'	RLRA-29/24
15	2024-25	1	1	1	22	22452/51 CDG-BDTS Super Fast Express(Bi–Weekly)	Feb-24	03-07-2024	DO'	RLRA-29/24
16	2024-25	1	1	1	22	14620/19 FZR-AGTL Tripura Sundari Express (Weeklly)	Feb-24	01-07-2024	DO'	RLRA-29/24
17	2024-25	4	4	1	22	12471/72 SVDK-BDTS Swaraj Superfast Express	Feb-24	02-07-2024	DO'	RLRA-29/24

18	2024-25	0	0	0	22	12473/74 SVDK-GIMB Sarvodya Superfast Express		04-07-2024	DO’	
19	2024-25	0	0	0	22	12475/76 SVDK-HAPA j Superfast Express		01-07-2024	DO’	
20	2024-25	0	0	0	22	12477/78 SVDK-JAM Superfast Express		30-06-2024	DO’	
21	2024-25	2	1	1	22	12415/16 NDLS-INDB Intercity Superfast Express	Feb-24	11-07-2024	DO’	RLRA-29/24
22	2024-25	2	1	1	22	12413/14 JAT-AII Superfast Express	Feb-24	11-07-2024	DO’	RLRA-29/24
23	2024-25	1	1	1	22	14612/11 SVDK-GCT Express	Jul-24	11-07-2024	Permanent augmentation with standarization	RLRA-133/24
24	2024-25	1	1	1	22	22467/68 BSB-GNC Superfast Express	Jul-24	10-07-2024	Permanent augmentation with standarization	RLRA-133/24
25	2024-25	2	1	1	22	12448/47 NZM-MKP Uttar Sampark Kranti Express	May-24	18-09-2024	DO’	RLRA-89/24
26	2024-25	3	2	1	20	12406/05 NZM-BSL Gondwana Superfast Express(Bi-Weekly)	Jun-24	27-10-2024	DO’	RLRA-120/24
27	2024-25	0	0	0	20	12410/09 NZM-RIG Gondwana Superfast Express(5 days a week)	Jun-24	28-10-2024	DO’	RLRA-120/24
28	2024-25	4	2	1	22	14674/14673 ASR-JYG Shaeed Express	Jun-24	27-10-2024	DO’	RLRA-120/24
29	2024-25	0	0	0	22	14650/14649 ASR-JYG Saryu Yamuna Express	Jun-24	28-10-2024	DO’	RLRA-120/24
30	2024-25	1	1	1	21	14050/14049 DLI-GODDA Weekly Express	Oct-24	14-10-2024	New train introduce	TTRA-346/24
31	2024-25	1	1	1	22	14012/14011 ANVT-RDP Weekly Express	Oct-24	09-02-2025	standardization	RLRA-210/24
32	2024-25	2	3	1	22	12442/12441 NDLS-BSP Rajdhani Express	Jan-25	04-02-2025	standardization	RLRA-13/25
33	2024-25	0	0	0	22	20408/20407 NDLS-RNC Rajdhani Express	Jan-25	05-02-2025	DO’	RLRA-13/25
34	2024-25	0	0	0	22	12454/12453 NDLS-RNC Rajdhani Express	Jan-25	08-02-2025	DO’	RLRA-13/25
35	2024-25	6	4	1	22	12432/12431 NZM-TVC Rajdhani Express	Jan-25	04-02-2025	DO’	RLRA-13/25
36	2024-25	0	0	0	22	12434/12433 NZM-MAS Rajdhani Express	Jan-25	05-02-2025	DO’	RLRA-13/25
37	2024-25	0	0	0	22	22414/22413 NZM-MAO Rajdhani Express	Jan-25	07-02-2025	DO’	RLRA-13/25
38	2024-25	0	0	0	22	12438/12437 NZM-SC Rajdhani Express	Jan-25	09-02-2025	DO’	RLRA-13/25
	TOTAL	**50**	**38**	**23**						

LIST OF NR TRAINS RUNNING WITH LWACCNE COACH
Annexure-F

S. No.	Train No.	From	To	No. of Trains	No. of Rakes	No. Of LWACNE Attached	Total No. LWAC CNE Attached	Type & No. of Coaches Replaced								Type & No. of Coaches released								Total Stock Released	LWRRMD used	Attached from	Remarks	RLRA No.
1	12212/11 ANVT- MFP Garib Rath	ANVT	MFP	1	2	20	40	0	0	0	16	0	0	0	0	0	0	32	0	0	0	0	32		10-04-2024	Replacement	60- 24
2	12436/35 (14022/ 21) ANVT-JYG Garib Rath	ANVT	JYG	1	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		13-04-2024	Replacement	60- 24
3	22410/09 ANVT-GAYA Garib Rath	ANVT	GAYA	1	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		13-04-2024	Replacement	60- 24
4	22406/05 ANVT-BGP Garib Rath	ANVT	BGP	1	1	20	20	0	0	0	18	0	0	0	0	0	0	18	0	0	0	0	18		10-04-2024	Replacement	60- 24
5	12215/16 DEE-BDTS Garib Rath	DEE	BDTS	1	2	20	40	0	0	0	19	0	0	0	0	0	0	38	0	0	0	0	38		02-05-2024	Replacement	68- 24
6	12208/07 JAT-KGM Garib Rath	JAT	KGM	1	1	11	11	0	0	0	8	3	0	0	0	0	0	8	3	0	0	0	11		30-06-2024	Replacement	94- 24
7	12210/09 KGM-CNB Garib Rath	DEE	BDTS	1	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		01-07-2024	Replacement	94- 24
8	12427/12428 ANVT-REWA Superfast Express	ANVT	REWA	1	2	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		01-07-2024	Standardization	29/ 2024
9	14006/14005 ANVT-SMI Lichchivi Experss	ANVT	SMI	1	4	2	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		01-07-2024	Standardization	29/ 2024

10	14008/14007 ANVT- RXL Sadbhawana Express	ANVT	RXL	1	2	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		02-07-2024	Stanadarization	29/2024
11	14016/14015 ANVT-RXL Sadbhawana Express	ANVT	RXL	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		05-07-2024	Stanadarization	29/2024
12	14014/14013 ANVT-RXL Sadbhawana Express	ANVT	SLN	1	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		01-07-2024	Stanadarization	29/2024
13	14018/14017 ANVT-RXL Sadbhawana Express	ANVT	RXL	1	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0		03-07-2024	Stanadarization	29/2024
14	22420/19 ANVT-GCT Suhaildev Superfast Exp.	ANVT	GCT	1	2	2	4	0	0	0	0	0	0	2	0	0	0	0	0	0	4	0	4		30-06-2024	Stanadarization	29/2024
15	22434/33 ANVT-BUI Superfast Express.	ANVT	GCT	1	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0		01-07-2024	Stanadarization	29/2024
16	22428/27 ANVT-BUI Superfast Express	ANVT	BUI	1	1	2	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	2		30-06-2024	Stanadarization	29/2024
17	22466/65 ANVT-MDP Superfast Express	ANVT	MDP	1	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0		01-07-2024	Stanadarization	29/2024
18	12218/17 CDG-KCVL Express	CDG	KCVL	1	2	2	4	0	2	0	0	0	0	0	0	4	0	0	0	0	0	0	4		10-07-2024	Stanadarization	29/2024
19	12450/49 CDG-MAO Goa Sampark Kranti Exp.	CDG	MAO	1	2	2	4	0	2	0	0	0	0	0	0	4	0	0	0	0	0	0	4		01-07-2024	Stanadarization	29/2024
20	10215/16 MAO-ERS Express	MAO	ERS	1	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0		07-07-2024	Stanadarization	29/2024
21	22452/51 CDG-BDTS Superfast Express	CDG	BDTS	1	1	2	2	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2		03-07-2024	Stanadarization	29/2024
22	14620/19 FZR-AGTL Tripura Sundari Exprss	FZR	AGTL	1	1	2	2	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2		01-07-2024	Stanadarization	29/2024
23	12472/71 SVDK-BDTS Superfast Express	SVDK	BDTS	1	4	2	8	0	2	0	0	0	0	0	0	8	0	0	0	0	0	0	8		02-07-2024	Stanadarization	29/2024
24	12474/73 SVDK-GIMB Superfast Express	SVDK	GIMB	1	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0		04-07-2024	Stanadarization	29/2024

25	12476/75 SVDK-HAPAS superfast Express	SVDK	HAPA	1	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0		04-07-2024	Stanada rization	29/ 2024
26	12478/77 SVDK-JAM Superfast Express	SVDK	JAM	1	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0		04-07-2024	Stanada rization	29/ 2024
27	22467/68 BSB-GNC Superfast Express	BSB	GNC	1	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		10-07-2024	Stanada rization	133/ 24
28	12413/14 JAT-AII Superfast Express	JAT	AII	1	2	2	4	0	2	0	0	0	0	0	0	4	0	0	0	0	0	0	4		11-07-2024	Stanada rization	29/ 24
29	12415/16 NDLS-INDB Superfast Express	NDLS	INDB	1	2	2	4	0	2	0	0	0	0	0	0	4	0	0	0	0	0	0	4		11-07-2024	Stanada rization	29/ 24
30	12204/03 ASR-SHC Garib Rath Express	DEE	BDTS	1	2	20	40	0	0	0	12	4	0	0	0	0	0	24	8	0	0	0	32		07-08-2024	Replace ment	84- 24
31	12448/47 NZM-MKP Uttar Sampark Kranti Express	NZM	MKP	1	2	2	4	0	2	0	0	0	0	0	0	4	0	0	0	0	0	0	4		18-09-2024	Stanada rization	89- 24
32	14050/49 DLI-GODDA Weekly Express	DLI	GODA	1	1	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		14-10-2024	Introduce new train	TTR A-3 46
33	14650/49 ASR-JYG Saryu Yamuna Express	ASR	JYG	1	4	2	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		28-10-2024	Standar dization	120-24
34	14674/73 ASR-JYG Sha-heed Express	ASR	JYG	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		27-10-2024	DO’	120-24
35	12406/12405 NZM-BSL Gondwana Superfast Express	NZM	BSL	1	3	2	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		27-10-2024	Standard-ization	120-24
36	12410/12409 NZM-RIG Gondwana Superfast Express	NZM	RIG	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		28-10-2024	DO’	120-24
37	20413/14 BSB-INDB Express (Bi-weekly)	BSB	INDB	1	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		19-11-2024	Replace-ment	148/ 24
38	20415/16 BSB-INDB Express (Weekly)	BSB	INDB	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		24-11-2024	Replace-ment	148/ 24

39	20494/93 (12688/87) CDG-MDU Super fast Express	CDG	MDU	1	2	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		22-11-2024	Replace-ment	148/24
40	14205/06 AYC-DLI Ayodha Express	AYC	DLI	1	4	1	4	0	1	0	0	0	0	0	0	4	0	0	0	0	0	0	4		24-11-2024	Replace-ment	148/24
41	14207/08 MBDP-DLI Padmavat Express	MBDP	DLI	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		22-11-2024	Replace-ment	148/24
42	14610/09 SVDK-RKSH Hemkunt Express	SVDK	RKSH	1	2	1	2	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	2		22-11-2024	Replace-ment	148/24
43	14623/24 FZR-SEY Patalkot Express	FZR	SEY	1	3	2	6	0	2	0	0	0	0	0	0	6	0	0	0	0	0	0	6		22-11-2024	Replace-ment	148/24
44	14310/09 YNRK-LMNR Express	YNRK	LMNR	1	2	1	2	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	2		26-11-2024	Replace-ment	148/24
45	14318/17 YNRK-LMNR Express	YNRK	LMNR	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		22-11-2024	Replace-ment	148/24
46	12422/21 ASR-NED SF Express	ASR	NED	1	1	1	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1		25-11-2024	Replace-ment	148/24
47	14615/16 ASR-LKU Express	ASR	LKU	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		30-11-2024	Replace-ment	148/24
48	12470/69 JAT-CNB Express	JAT	CNB	1	2	1	2	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	2		26-11-2024	Replace-ment	148/24
49	12492/91 JAT-BJU Maurdhwaj Exp.	JAT	BJU	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		29-11-2024	Replace-ment	148/24
50	14606/05 JAT-YNRK Express	JAT	YNRK	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		24-11-2024	Replace-ment	148/24
51	14311/12 BE-BHUJ Express	BE	BHUJ	1	3	1	3	0	1	0	0	0	0	0	0	3	0	0	0	0	0	0	3		23-11-2024	Replace-ment	148/24
52	14321/22 BE-BHUJ Express	BE	BHUJ	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		24-11-2024	Replace-ment	148/24
	Total			**52**	**65**		**253**									**52**	**0**	**120**	**11**	**0**	**4**	**2**	**189**				

LIST OF NR TRAINS RUNNING WITH ONE LSLRD COACH IN EACH RAKE
Annexure-G

S. No.	Divn.	PM Depot	Train No.	From	To	No. of Trains	No. of Rakes	LSLRD inducted by replacing LWLRRM	LSLRD used	LSLRD Attached from	RLRA No.	
1	UMB	CDG	12687/ 88 (20494/ 93) CDG -MDU Superfast Express	CDG	MDU	1	2	1	2	18-05-2024	RLRA-87/24	Primary shifted from SR (MDU) to CDG(NR) 15.05.2024
2	DLI	ANVT	14012/11 ANVT-RDP Weekly Express	ANVT	RDP	1	1	0	1	06-10-2024	TTRA-344	New train introduce
3	DLI	DLI	14050/49 DLI-GODA Weekly Express	DLI	GODA	1	1	0	1	14-10-2024	TTRA-346	New train introduce
4	LKO	BSB	22417/18 BSB-NDLS Mahamana Express	BSB	NDLS	1	1	1	1	29-03-2025	RLRA-38/25	
			Total			**4**	**5**		**5**			

3.2.3 Performance of Operating Department During the year

A. OPERATIONS (FREIGHT)

Some of the Highlights during the year 2024-25 and 2023-24 are given below:-

- **Revenue Loading:** Northern Railway has during the year 2024-25 achieved an Originating Revenue Loading was **55.67** Million Tonnes as against **53.58** Million Tonnes during the year 2023-24 registering an increase of **3.90%**.
- **Through put:** During the year 2024-25, through put was **20764** wagons per day as against 21307 wagon per day during the year 2023-24 registering decrease of **-2.55%**.
- **Diesel loco utilization:** During the year 2024-25, Diesel loco utilization was **358.49** kms. as compared to **282.90** kms. during the year 2023-24 registering increase of **26.72%**.
- **Electric loco utilization:** During the year 2024-25, Electric loco utilization was **374.70** kms. as compared to **352.05** kms. during the year 2023-24 registering increase of **6.43%**.
- **NTKM per wagon day:** During the year 2024-25, NTKM per wagon day was 6775.03 wagons per day as compared to **8889.25** wagons per day during the year 2023-24 registering decrease of **-23.78 %**
- **Wagon Kms. Per wagon day:** During the year 2024-25, wagon kms. Per wagon day was **187.28** wagons per day as compared to **237.55** wagons per day during the year 2023-24, registering decrease of **-21.16 %**.
- **Piecemeal Loading:** During the year 2024-25, **33524** wagons piecemeal loading was done as against **37707** loading during the year 2023-24 registering decrease of **-11.09%**.

B. YEARLY PERFORMANCE OF OPERATING DEPARTMENT (FREIGH)

S. No.	ITEMS		TARGET 2024-25	YEARS					BEST EVER	
				2020-21	2021-22	2022-23	2023-24	2024-25	FIGURE	YEAR
1	Total Loading (Wagon/ day)	BG		3261	3812	3647	3285	3423	3812	2021-22
2	Originating Loading (Wagon/ day)	BG		3261	3812	3647	3285	3423	3812	2021-22
3	Revenue Loading (Wagon/ day) As per ST-7A	BG	--	3531	4054	3905	3542	3655	4054	2021-22
4	Revenue Loading (m.t.)	BG	55.00	59.08	67.88	65.03	53.58	55.67	67.88	2021-22
5	Total Receipts (Wagon/ day)	BG		7560	9211	10587	10650	10390	10650	2023-24
6	Total Made over (Wagon/ day)	BG		7555	9214	10577	10658	10374	10658	2023-24
7	SFG Loading (Wagon/ day)	BG		1275	1412	1310	747	865	1412	2021-22
8	PFG Loading (Wagon/ day)	BG		27	134	37	25	26	134	2021-22
9	Fertilizer Loading (Wagon/ day)	BG		329	315	344	340	356	356	2024-25
10	Rly. Wagon Holding (Wagons/ day)	BG		19326	19177	19825	19025	18875	18875	2024-25
11	Wagon Turn Round (in days)	BG	2.00	2.79	2.23	2.06	2.04	2.11	2.04	2023-24
12	BOXN Loading (Rakes/ day)	BG		0.33	0.36	0.75	0.55	0.25	0.75	2022-23
13	BOXN Holding (Rakes/ day)	BG		92.24	93.49	111.10	95.89	77.88	77.88	2024-25
14	BOXN Turn Round (in days)	BG		2.99	1.89	1.73	1.54	1.35	1.35	2024-25
15	Jumbo Loading (Rakes/ day)	BG		42.10	47.08	43.53	31.69	33.83	47.08	2021-22
16	Jumbo Holding (Rakes/ day)	BG		166.31	169.41	162.40	136.29	163.24	136.29	2023-24
17	Jumbo Turn Round (in days)	BG		2.22	2.06	2.03	1.93	2.13	1.93	2023-24
18	Engine Utilization DSL.	BG	283	364.02	379.36	292.05	282.90	358.49	379.36	2021-22
	Elec.	BG	373	425.29	441.34	378.22	352.05	374.70	441.34	2021-22
19	NTKM / Wagon day	BG	9213	6434.67	8398.86	9544.28	8889.25	6775.03	9544.28	2022-23
20	Wagon Km./ Wagon day	BG	243	180.52	232.67	254.37	237.55	187.28	254.37	2022-23

C. FREIGHT OPERATIONS

- **Movement of important commodities:** The originating loading of important commodities during the year 2024-25 as compared to the previous year is as under:

S. N.	Commodity	Average number of wagons loaded per day (BG)	
		2023-24	2024-25
1	Food grains (Sponsored)	747	865
2	Food grains (Public)	25	26
3	Sugar &Jagree	18	12
4	Cement	148	154
5	POL	261	266
6	Fertilizer	340	356
7	Container	1414	1411
7	Other Commodities	332	333
8	Total Loading (Originating)	3285	3423

- **Grand Total of wagon balance at 0/- Hrs of Northern Railway:** BG Wagon holding (Rly.+ Pvt.) during the year 2023-24 was 23029 as against 23577 in 2024-25.
- **Interchange of Wagons:** The interchange of trains from the adjoining railways was kept free from any restrictions and the trains were accepted freely. The details of average receipt and dispatches are given below :-

S. No.	Items	No. of wagons/ day	
		2023-24	2024-25
1	Total Receipt	10650	10390
	Total Dispatch	10658	10374
2	Receipt from ECR	1648	1263
	Dispatch to ECR	1820	1563
3	Receipt from NER	1975	1856
	Dispatch to NER	1975	1782
4	Receipt from NCR	4295	3469
	Dispatch to NCR	3950	3243
5	Receipt from NWR	2321	2058
	Dispatch to NWR	2244	2015
6	Receipt from DFCR	411	1744
	Dispatch toDFCR	669	1771
7.	Receipt from Pakistan Rly.(Attari)	0	0
	Dispatch to Pakistan Rly.(Attari)	0	0

- **Railway wise Interchange Position during 2024-25 as compared to 2023-24 is given below:-**

Interchange Points	No. of wagons per day			
	Received		Dispatches	
	2023-24	2024-25	2023-24	2024-25
Interchange with E.C.Rly.				
Mughalsarai/DeenDayal Upadhyay (DDU)	1648	1280	1820	1547
Total	1648	1280	1820	1547
Interchange with N.C.Rly.				
Gaziabad + ChipayanaBuzurg	947	750	837	706
Palwal	1467	1257	1571	1268
Kanpur Central	871	760	776	673
Allahabad/Prayagraj (PRYJ)	228	221	102	81
Jeonathpur	108	111	130	156
Khurja	503	200	388	248
Harduaganj	171	170	146	111
Total	4295	3469	3950	3243
Interchange with N.E.Rly.				
Shahganj	59	45	61	53
Jaunpur	117	118	101	92
Varanasi	12	13	132	70
Barabanki	622	516	433	420
Ayodhya	130	163	143	179
Rampur	115	101	111	105
Moradabad / kathghar	43	31	59	46
Sitapur	611	618	475	437
Bareilly	67	59	56	35
Ramganga	62	55	239	185
Badshah Nagar	0	0	0	0
Lucknow NE	0	0	0	0
Malhour	90	82	8	18
Manak Nagar	22	27	126	108
Banaras	0	0	6	5
Shahjahan pur	25	28	25	29
Total	1975	1856	1975	1782
Interchange with N.W.Rly.				
Dobhbahali(DBHL)	740	281	677	276
Rohtak	0	0	0	0
Katar Singh wala	414	364	467	461
Hansi	14	254	17	172
Rewari	878	731	644	568

Bhatinda	116	178	116	147
Hissar	77	51	162	146
Sat Road	79	199	161	245
Sri Ganga Nagar	3	0	0	0
Total	2321	2058	2244	2015
Interchange with DFCR				
Asaoti	232	443	308	440
Khatauli	136	190	301	205
Kalanour	1	138	4	85
Pilkhani	18	225	22	234
Sarai Banjara	3	165	11	180
Rajpura	0	1	0	6
Sir Hind	1	125	1	121
Sambhu	3	183	9	219
PRLN	0	1	0	1
Sanahwal	17	273	11	280
Total	411	1744	667	1771
Interchange with Pak Rly				
Attari	0	0	0	0

• Wagon Turn Round

During the year 2024-25 wagon turn round was 2.11 days as compared to 2.04 days in 2023-24. The month wise details of wagon turn round for BG system during 2024-2025 as compared to 2023-2024 is given below :-

Wagon Turn Round (in days)

Month	2023-24	2024-25
April	2.16	2.12
May	2.07	2.39
June	2.21	2.05
July	2.00	2.06
Aug.	2.04	2.38
Sept.	2.07	2.21
Oct.	2.07	2.19
Nov.	2.02	2.17
Dec.	1.93	1.95
Jan.	2.03	1.92
Feb.	2.02	1.98
Mar.	1.89	1.88
Avg.	2.04	2.11

Parcel Traffic offered for Transportation in Parcel Vans on Northern Railway is generally for the commodities like General Goods, Hosiery Goods, Live Stock, Medicine, Govt. Stores, Bank Treasure, Perishable, SPG Vehicles. Parcel Vans provided for parcel traffic either on lease basis or by way of registration of indent in piecemeal. In emergency VPs are also utilized to carry relief material, for people affected by natural calamity.

Lease VPs are cleared by nominated Mail/Express trains and piece meal VPs are dispatched by suitable Mail/Express Trains.

During 2024-25 PCET ply between two stations on round trip basis as lease Cargo Parcel Express Trains 492(IW/OW). VP rakes also supplied against VP rake indents and 154 indented VP Rake loaded.

During the year 2024-25, 20602 Leased VP (I/W=10254 & O/W=10348) VP's loaded by Northern Railway. In addition of Leased VP's, total 3700 Piecemeal VP's handled (I/W=883 & O/W=2817). Total 3828 VVN (I/W=1920 & O/W=1908) were also handled during 2024-25.

Summarized detail of Parcel handling in VP's for 2024-25 is as below:

FIGURE OF PARCEL TRAFFIC (LOADING) IN VPs DURING THE YEAR 2024-2025:-

S. N.	DISCRIPTION	APRIL-2024 TO MARCH-2025														
		DIVISIONS														
		DLI		LKO		UMB		FZR		MB		JAT		TOTAL		Grand Total
		I/W	O/W	I/W	O/W	I/W	O/W	I/W	O/W	I/W	O/W	I/W	O/W	I/W	O/W	
1	LEASED VPs	8656	8750	00	00	00	00	1184	1184	365	365	49	49	10254	10348	20602
2	P/MEAL VPs	680	2507	80	21	37	21	1	5	23	211	62	52	883	2817	3700
3	PCET RAKES	207	206	00	00	1	4	37	37	00	00	00	00	245	247	492
4	VP RAKES PIECEMEAL/ NON LEASED	12	118	00	00	00	00	01	12	00	11	00	00	13	141	154
5	RMTs/VVNs	1920	1908	00	00	00	00	00	00	00	00	00	00	1920	1908	3828

FUEL CONSUMPTION

Statement showing SFC Rates, Fuel Consumption, GTKM/EKMs earned service, gauge and traction-wise during the year 2024-25. ANNUAL NARRATIVE REPORT FOR THE YEAR 2024-25 (FUEL ECONOMY)

Service		Specific Fuel Con-sumption	Specific Fuel Con-sumption	Variation 1-2	G.T.K.M in million/ EKMs in thousands		HSD Oil Con-sumed in KLs		Theoretical Saving / Ex-cess	%age Excess / Saving
		2024-25	2023-24		2024-25	2023-24	2024-25	2023-24		
		1	2	3	4	5	6	7	8	9
Liters / 1000 GTKM Pass	DSL Elect	3.23	3.23	0.00	20644.66	29472.44	66778.34	95324.92	000.00	
Goods	DSL Elect	1.94	1.90	+0.04	34341.90	26444.10	66661.11	50371.71	+1373.68	
DMU	PASS	5.38	5.42	-0.04	2843.69.	2879.84	15284.89	15597.92	-113.75	
Rail/Bus	RAIL/ BUS	---	---	---	---	---	--	--	---	
EKM /SHTG	DSL Elect	2.13	2.06	+0.07	6037.71	4872.78	12879.75	10057.86	+422.64	
EKM /SHTG	DSL/ HYD	0	0	0	0	0	0	0		
SHTG DMU	DMU	2.23	2.12	+0.11	789.10	719.78	1759.34	1527.64	+86.80	
Deptt	DSL/. ELECT	4.45	6.97	-2.52	3.19	5.42	14.20	37.75	-8.04	
Deptt	DSL/ HYD	__	__	---	-	-	---	---	---	
Deptt	DMU	1.81	1.91	-0.10	97.33	94.64	175.69	180.70	-9.73	
	LOMS								0	
	TOTAL						**163553.32**	**173098.50**	**+1751.60**	**+1.07**
NG										
PASS	PASS	20.42	20.33	+0.09	69.26	51.42	1414.26	1045.67	+6.23	
MIXED	MIXED	0.00	0.00	+26.05	0.00	0.00	0.00	0.00	00.00	
SHTG.	SHTG.	1.13	1.12	+0.01	195.41	157.42	221.21	176.01	+1.95	
DEPTT	DEPTT	2.43	2.51	-0.08	21.89	40.03	53.23	100.62	-1.75	
RAIL CAR	R/CAR						0.72	6.61		
LOMs	LOMs						28.06	27.02		
TOTAL	**TOTAL**						**1717.48**	**1355.93**	**+6.43**	**+0.37**
BG+NG	**BG+NG**						**165270.80**	**172935.88**	**+1758.03**	**+1.06**

3.2.3.1 FUEL ECONOMY

As regards performance of Northern Railway during the year 2024-25, there has been Excess fuel consumption by 1.06% on Diesel traction as compared to the corresponding period of last year.

To achieve further economy in the consumption of HSD oil, the following steps are being taken: -

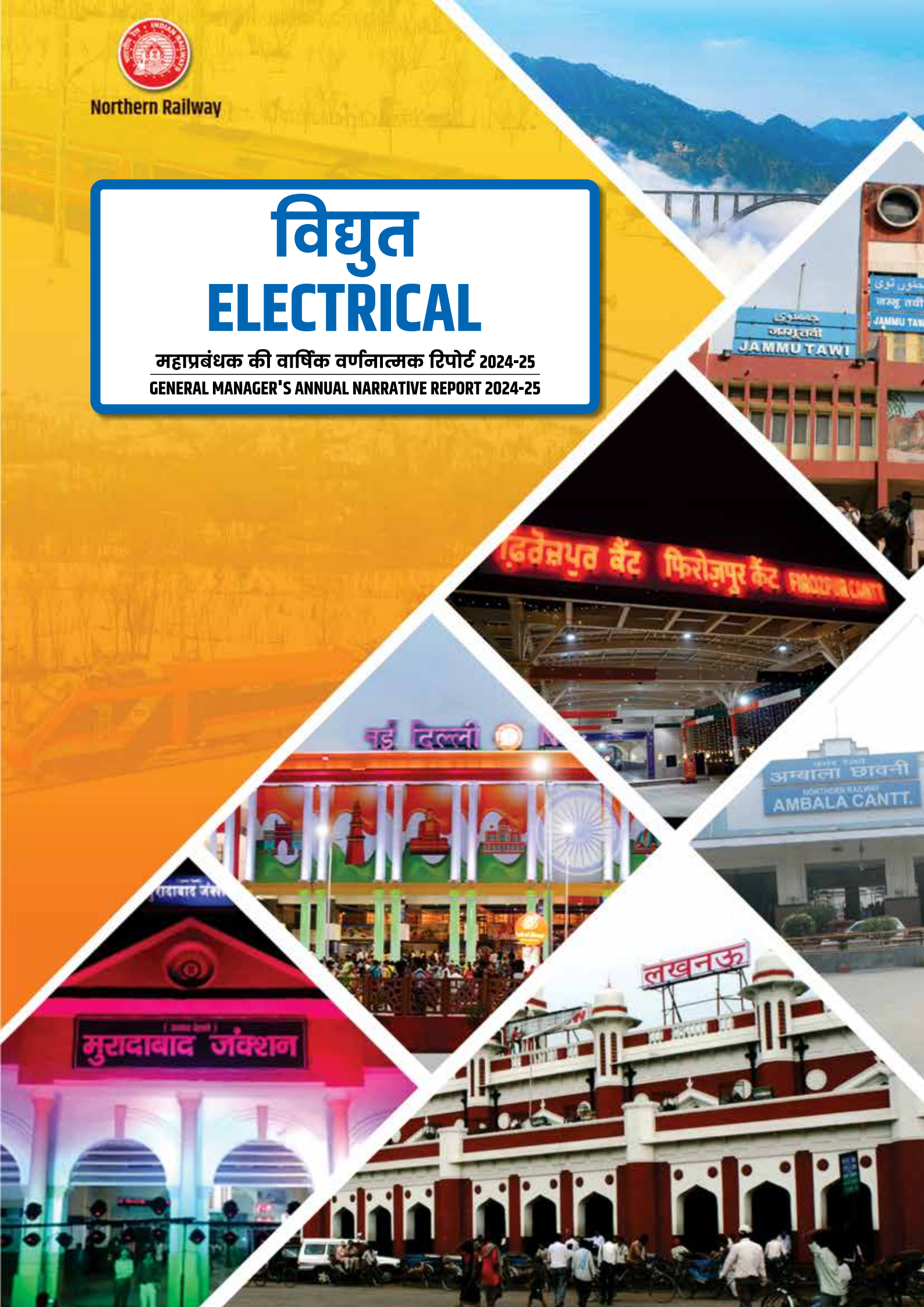
1. Shutting down of diesel locos where detention is likely to exceed 30 minutes.
2. Intensive checks are conducted against leakage of HSD oil from RCDs.
3. Monitoring of drivers to make use of the dynamic brakes and coasting period.
4. Monitoring of fuel consumption on the basis of fixed trip rations.
5. Checks on fitment of fuel oil strainers and caps on locomotive tanks to avoid the possibility of pilferage of oil online and dripping out oil by splash.
6. Super checks of outgoing locos at the level of officers and supervisors of the shed for proper maintenance practice

Northern Railway

विद्युत
ELECTRICAL

महाप्रबंधक की वार्षिक वर्णनात्मक रिपोर्ट 2024-25

GENERAL MANAGER'S ANNUAL NARRATIVE REPORT 2024-25



CHAPTER - IV

4.1 About the Department

The Electrical Department plays a vital role in ensuring the smooth and safe operation of trains by maintaining electric locomotives, diesel motive power and overhead equipment (OHE). In addition, it is responsible for the upkeep of general power supply systems at stations, service buildings and railway quarters.

The Electrical Department of Northern Railway is tasked with maintaining 1,193 electric locomotives, 900 diesel locomotives and 15,008 track kilometres (TKM) of overhead equipment. It also oversees general power supply installations and supports essential operational infrastructure across the zone.

4.2 Infrastructure

4.2.1 Shed wise electric locos holding as on 31.03.2025 is under:

Shed	Div.	Holding (2023-24)	Holding (2024-25)									%age Variation w.r.t. last year
			P-1	P-4	P-5	P-7	G-5	G-7	G-9	G-12B	Total	
ELS/GZB (200)	DLI	303	-	-	139	146	1	-	30	-	316	(+) 4.3
DLS/TKD		132	-	47	-	-	-	-	92	-	139	(+) 5.3
ELS/LDH (175)	FZR	259	-	-	-	44	-	-	205	-	249	(-) 3.8
DLS/LDH		0	-	-	-	-	-	-	-	-	0	(-) 100
ELS/KJGY (100)	UMB	145	-	-	-	-	-	9	136	-	145	-
MELS/SRE		249	-	-	-	-	-	-	-	248	248	(-) 0.4
DLS/AMV	LKO	65	17	-	-	-	19	60	-	-	96	(+) 47.6
Total		**1153**	**17**	**47**	**139**	**190**	**20**	**69**	**463**	**248**	**1193**	**(+) 3.4**

4.2.2 Shed wise Diesel loco holding as on 31.03.2024 is under:

Shed	WDP1	WDP3A	WDG3A	WDM3A	WDM3d	WDG4	WDP4	WDG4D	WDP4D	WDP4B	ZDM3	ZDM4A	WDS6	WDG4G	WDG6G	TOTAL
TKD	7	16	10	24	0	27	10	22	29	20	0	0	27	0	0	**192**
LDH	0	0	48	57	0	12	0	14	73	4	0	0	8	0	0	**216**
AMV	0	0	25	16	72	38	0	20	27	1	0	0	5	0	0	**204**

KLK	0	0	0	0	0	0	0	0	0	0	16	0	0	0	0	**16**
PTK	0	0	0	0	0	0	0	0	0	0	12	10	0	0	0	**22**
ROZA (WLPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	225	25	**250**
Total	**7**	**16**	**83**	**97**	**72**	**77**	**10**	**56**	**129**	**25**	**28**	**10**	**40**	**225**	**25**	**900**

4.2.3 TRD

S N	Item	2023-24	2024-25						% Variation
			DLI	FZR	JAT	LKO	MB	UMB	Total
1	Electrified RKM	7077	1551	1211	578	1462	1408	1038	7248	+2%
2	Electrified TKM	14592	3654	1921	965	3445	2840	2183	15008	+3%
3	TSS (Nos)	73	20	10	4	18	17	9	78	+7%
4	SP/SSP (Nos.)	454	113	66	40	105	95	65	484	+7%
5	Remote Control Centres (Nos)	5	1	1	1	1	1	1	6	+20%
6	OHE Depots (Nos)	75	18	7	8	17	19	12	81	+8%
7	PSI Depots (Nos.)	7	7	-		-	-	-	7	0%
8	8 Wheeler Tower Wagons (Nos)	73	23	11	8	14	16	12	84	+15%
9	4 Wheeler Tower Wagons (Nos)	34	8	4	2	7	8	5	34	0%

4.2.4 General Power Supply

S. No	Assets	2023-24	2024-25
1	Electrified stations/halts	957	964
2	Electrified quarters	59610	56994
3	Sub stations	363	370
4	Transformers	734	734
5	Generating sets	407	448
6	Total Capacity of DG Sets (MVA)	69.89	109.57
7	AC Units:		
	Window type	2798	4456
	Split type	2383	3256
	Package & Central type	40	77
8	Pumps	1335	1319
9	Lifts	197	232
10	Escalators	151	152
11	Solar Panels at LC Gates	564	519
12	Capacity of Solar Power Panels/Plants installed (in kWp).	25226	26747

4.2.5 Operational Infrastructure:

(i) Crew Booking Lobbies Division Wise:

Division	Crew Booking Lobbies
DLI–13	DLI, DEE, SSB, JHI, JHL, MTC, ROK, GZB, ANVT, NZM, TKD, PWL, PNP
UMB–6	UMB, SRE, BTI, DUI, CDG, KLK
MB–11	MB, BE, RAC, LRJ, HW, DDN, BLM, HPU, CH, NBD, YNRK
LKO–7	AYC, BSB, RBL, MBDP, SLN, LKO/Chg, LKO/Yd.
JAT-5	PTK, BJPL, JAT, SVDK, BDGM
FZR –4	LDH, ASR, JUC, FZR
Total	**46**

(ii) Running Staff/Supervisor cadre control under Traction Department as on 31.03.2025:

Division	Running Staff & Supervisor Sanctioned Strength
DLI	4928
UMB	2133
MB	2737
LKO	2252
JAT	Combined cadre with FZP division
FZR	1827
Total	**13877**

(iii) Running rooms under Traction Department as on 31.03.2025:

Division	Total nos. of Running Rooms	Running Rooms
DLI	14	DLI, DEE, SSB, JHL, JHI, MTC, SMQL, ROK, GZB, ANVT, NZM,TKD, PNP, PWL
UMB	8	SRE, BTI, UMB, SML, DUI, RTP, NLDM, CDG
MB	10	MB, BE, RAC-TM, RAC-LP, CH, NBD, HW, DDN, BLM, HPU
LKO	12	LKO, LKO-Yd, AYC, BSB, PBH, SLN, JNU, PLP, TD, PYGS, SHG, UCR
JAT	5	PTK, BJPL, JAT, UHP, SVDK
FZR	4	LDH,FZP,JUC,ASR
Total	**53**	

(iv) Railway Consumer Depots:

Division	Northern Railway Consumer Depot			Remarks
	Daily Average Issue in (KL)			
	RCD	Cap. in (KL)	FY2024-25	
DLI	NDLS	1010	24	
	TKD	800	35	
	SSB	0	0	RC Disnotinoperation.
	DLI	440	36	
	NZM	90	10	
	ROK	400	78	
	ANVT	140	16	
	DEE	400	18	
FZR	LDH Shed	730	11	
	LDH Lobby	380	20	
	JUC	210	18	
	ASR	350	12	
JAT	PTK	140	9	
	JAT	490	16	
	BDGM	540	10	
	BJPL	20	1	
	SVDK	140	4	
UMB	BTI	915	99	
	UMB	520	15	
	KLK	140	4	
	CDG	45	3	
	SREDN	190	13	
LKO	CB/ LKO	1905	33	
	AMV	470	7	
MB	MB	1446	28	
	RAC	1640	30	
Total		**13551**	**551**	

4.3 Technical Achievements:

4.3.1 Achievements of Electric Loco Wing:

i. Provision of Hotel Load Converter (HLC):

Northern Railway currently has a fleet of 329 three-phase electric locomotives. As of March 2025, a total of 244 locomotives have been commissioned with Hotel Load (HOG) converters-200 at Electric Loco Shed, Ghaziabad (ELS/GZB) and 44 at Electric Loco Shed, Ludhiana (ELS/LDH).

During the financial year 2024–25, 47 HOG converters were fitted and commissioned in-house by Northern Railway. The HOG system offers significantly higher energy efficiency compared to the End-on-Generation (EOG) system. It also contributes to reduced noise levels, lower air pollution and savings in high-speed diesel (HSD) consumption. Northern Railway holds the highest number of HOG-equipped locomotives in Indian Railways.

ii. Commissioning of New locos:

During the current financial year, 36 new electric locomotives—comprising 4 WAP-5, 9 WAP-7, and 23 WAG-9HC—have been successfully commissioned at Electric Loco Sheds Ghaziabad (ELS/GZB), Ludhiana (ELS/LDH), Saharanpur (ELS/SRE), and Diesel Loco Shed Tughlakabad (DLS/TKD). With this addition, the total electric locomotive holding of Northern Railway has increased to 1,193 units.

iii. Installation and Commissioning of KAVACH

KAVACH is an advanced safety system that assists loco pilots by automatically applying brakes if the pilot fails to maintain specified speed limits, ensuring safe train operation, especially during adverse weather conditions.

The installation of KAVACH is currently underway at ELS/Ghaziabad (GZB). During FY 2024–25, KAVACH was installed in 176 locomotives, bringing the total number of equipped locomotives to 212 across the shed, comprising:

- 104 WAP-5 locomotives
- 98 WAP-7 locomotives
- 10 WAG-9 locomotives

This represents the highest number of KAVACH installations among all zonal railways. Notably, Ghaziabad Electric Loco Shed is the first shed in Indian Railways to complete KAVACH installation in both the first 100 and first 200 locomotives.





Electric Loco Shed Ghaziabad (GZB) is the only shed in Indian Railways to provide KAVACH installation training to 71 loco sheds across the network, as well as to Original Equipment Manufacturer (OEM) representatives. During the training program, a total of 67 officers, 200 supervisors from various sheds, and 12 Original Equipment Manufacturer (OEM) representatives were trained in KAVACH installation procedures.




ELS/Ghaziabad (GZB) is the first shed in Indian Railways to reduce the KAVACH fitment time from 3 days to an impressive 1 day per locomotive. In recognition of this achievement, the Electric Loco Shed, Ghaziabad, was awarded the Northern Railway Innovation Shield for the year 2024 by the General Manager of Northern Railway. This is the first time in the history of Northern Railway that the Innovation Shield has been awarded to the Electrical Department.

iv. Installation of Waterless Urinals in Electric Locomotives

In accordance with RDSO Functional Requirement Specification No. RDSO/2023/EL/FRS/0034 (Rev. '0'), waterless urinals have been installed in electric locomotives to enhance crew comfort. This initiative significantly improves working conditions for loco pilots, who are required to maintain constant vigilance and cannot leave the locomotive during operations. The waterless urinals are ergonomically designed for use by both male and female crew members.

During the financial year 2024–25, 44 locomotives were equipped with this facility, bringing the cumulative total to 45 locomotives fitted with waterless urinals across Northern Railway.

v. Commissioning of waterless urinal in WAP7 type locomotive by ELS GZB:

In an effort to enhance sanitation and improve working conditions for passenger loco pilots, the Electric Loco Shed, Ghaziabad, has successfully commissioned a waterless urinal in the WAP7 type locomotive (30243/WAP7).

Space for waterless urinal has been created by providing Composite converter in place of Hotel Load Converter and Traction Converter.







vi. Implementation of RDSO Mod. Sheet No. 505 dated 25.02.2025 for acknowledgement of VCD and removal of PVCD to improve crew alertness:

In compliance with RDSO Modification Sheet No. 505 dated 25.02.2025, Northern Railway has implemented a modification to the Vigilance Control Device (VCD) acknowledgment system. This modification involves replacing the foot-operated switch with a hand-operated push-button switch, effectively eliminating the possibility of rhythmic or unintentional acknowledgment by the crew.

The modification has been successfully carried out in 152 locomotives across various sheds:

- ELS/Ghaziabad (GZB): 12 locomotives
- ELS/Ludhiana (LDH): 52 locomotives
- ELS/Khanalampura, Saharanpur (KJGY): 11 locomotives
- DLS/Tughlakabad (TKD): 25 locomotives
- DLS/Alambagh (AMV): 52 locomotives

vii. Commissioning of ‘BHEL Power Module Repairing and Testing Setup’:

BHEL Power Module Repairing and Testing Setup has been commissioned at Electric Loco Shed, Ghaziabad (ELS/GZB). This facility is expected to significantly enhance the reliability and performance of BHEL-manufactured power modules.





viii. Commissioning of '18 Channel VVVF Motorized Bogie Run test plant':

An 18-Channel VVVF (Variable Voltage Variable Frequency) Motorized Bogie Run Test Plant has been commissioned at Electric Loco Shed, Ghaziabad (ELS/GZB). This advanced facility enables comprehensive testing of traction motors under simulated operating conditions and is expected to significantly improve the reliability and performance of 3-phase electric locomotives.





ix. Commissioning of M/s AAL make HOG Card Test Bench:

AAL make Head on Generation (HOG) Card Test Bench has been commissioned by ELS/ GZB. This will improve the reliability of AAL make HOG converters.





x. Push-Pull Modification of WAP5 locomotives for Amrit Bharat Trains:

As per directives from the Railway Board, Chittaranjan Locomotive Works (CLW) has been tasked with converting 55 pairs (110 units) of WAP-5 locomotives into push-pull compliant locomotives, including aerodynamic modifications on one end in accordance with the prescribed scope of work. WAP-5 locomotives from Electric Loco Shed, Ghaziabad (ELS/GZB) are being sent to CLW/CRJ for these modifications.





During the financial year 2024–25, a total of 29 WAP-5 locomotives (14.5 pairs) were successfully modified for push-pull operations, received back from CLW and fully commissioned into service by ELS Ghaziabad. Additionally, 11 locomotives are currently undergoing modification at CLW.

xi. Provision of Remote Monitoring System (RMS):



Remote Monitoring Systems (RMS) allow maintenance teams to remotely monitor equipment and diagnose faults without the need for physical inspection. This technology enhances operational efficiency, reduces locomotive downtime and lowers maintenance costs by enabling proactive fault detection and timely intervention.

During the financial year 2024–25, 10 locomotives on Northern Railway were equipped with RMS. As of now, Electric Loco Sheds at Ludhiana and Ghaziabad have successfully installed RMS in a total of 45 WAP-5 and WAP-7 locomotives.

xii. Modification of WAP-7 type Three Phase Electric Locomotives for snow-electric operations in USBRL region by ELS Ludhiana:

The Udhampur-Srinagar-Baramulla Rail Link (USBRL) project is among the most challenging railway ventures in India, navigating mountainous terrain and extreme weather conditions. To ensure reliable operations in this region, 6 WAP-7 locomotives have been specially modified by the Electric Loco Shed, Ludhiana, following RDSO guidelines to withstand snow-bound conditions and perform efficiently on the USBRL route.

In January 2025, comprehensive trials were successfully completed, and all 6 WAP-7 locomotives are now fully equipped and ready for deployment in the USBRL section.

xiii. Provision of High Reach Pantograph in Electric Locomotives:



In line with Railway Board instructions, the installation of High Reach Pantographs (HRP) in all electric locomotives is underway. During the current year, a total of 39 locomotives were equipped with HRPs.

Currently, all 462 Northern Railway-based three-phase freight locomotives are fitted with HRPs to enhance AC traction performance on Dedicated Freight Corridor (DFC) routes. Additionally, 119 passenger locomotives have also been equipped with HRPs.

As of March 2025, a total of 609 electric locomotives under Northern Railway have been fitted with High Reach Pantographs.

xiv. Commissioning of Rain Water Testing Facility at ELS/KJGY:

Electric Loco Shed, Khanalampura, Saharanpur (ELS/KJGY) has successfully commissioned a Rain Water Testing Facility during the financial year 2024–25, in accordance with RDSO Specification

RDSO/ 2017/ EL/ SMI/ 0315 (Rev. ‘0’). This advanced facility is designed to standardize the Rain Water Leakage Test for electric locomotives, ensuring their watertight integrity in preparation for the monsoon season.



This improvement facilitate to enables the detection of any water ingress into locomotive cabs, facilitating timely repairs and preventing operational issues. Additionally, it supports the cleaning of locomotives during scheduled maintenance,

contributing to a neat and well-maintained fleet appearance.

This initiative marks a significant advancement in the maintenance standards of electric locomotives at ELS/Saharanpur (SRE)

xv. Multiple Unit Formations of WAG-9HC Locomotives for Enhanced Efficiency

Electric Loco Shed, Khanalampura (KJGE) has made a significant advancement in operational efficiency by implementing multiple unit (MU) formations for WAG-9HC locomotives. This technique allows the simultaneous operation of two locomotives as a single unit, resulting in increased hauling capacity, improved energy efficiency, and greater operational flexibility.

During the financial year 2024–25, a total of 14 MU sets of WAG-9HC locomotives were successfully formed with each set comprising two locomotives.

xvi. Upgradation of Electric Locomotives with LED headlights:

In compliance with Railway Board guidelines, Northern Railway has successfully installed LED headlights on electric locomotives during their major and minor maintenance schedules. This up-gradation provides a more efficient, reliable and modern lighting system, significantly enhancing visibility during night operations.

During the financial year 2024–25, a total of 143 locomotives across Northern Railway sheds were equipped with LED headlights, distributed as follows:

- Ghaziabad Electric Loco Shed (GZBE): 52 locomotives
- Ludhiana Electric Loco Shed (LDHE): 59 locomotives
- Khanalampura Electric Loco Shed (KJGE): 20 locomotives
- Tughlakabad Diesel Loco Shed (TKDD): 12 locomotives



xvii. Installation of seats for inspecting officials in a locomotive enhancing inspection efficiency:

Northern Railway is installing inspecting officials' seats in electric locomotives in accordance with RDSO Specification RDSO/2023/EL/MS/0494 (Rev. '0'). These designated seats allow inspecting officials to carry out their duties comfortably without disturbing the loco pilot or crew, thereby significantly improving working conditions for all onboard personnel who require sustained vigilance during operations.

During the financial year 2024–25, a total of 56 locomotives across Northern Railway sheds were equipped with inspecting officials' seats, distributed as follows:

- Ghaziabad Electric Loco Shed (ELS/GZB): 2 locomotives

- Ludhiana Electric Loco Shed (ELS/LDH): 36 locomotives
- Khanalampura Electric Loco Shed (ELS/KJGY): 16 locomotives
- Tughlakabad Diesel Loco Shed (DLS/TKD): 2 locomotives



xviii. Implementation of Railway Driver Assistance System (RDAS):

The Railway Driver Assistance System (RDAS), powered by artificial intelligence, is designed to enhance crew alertness monitoring during train operations. The system assesses the alertness of loco pilots by analyzing parameters such as eye blinking and other behavioural indicators.

Northern Railway has equipped its electric locomotives with RDAS to improve operational safety. During the financial year 2024–25, a total of 5 locomotives were fitted with RDAS across Northern Railway sheds, distributed as follows:

- Ghaziabad Electric Loco Shed (ELS/GZB): 2 locomotives
- Tughlakabad Diesel Loco Shed (ELS/TKD): 3 locomotives



xix. Modification of CP Leg as per RDSO MS/484 completed in all WAP7 3-Phase passenger locomotives:

Railways have identified deviations in the thickness of compressor mounting legs (compressor side and motor side) from standard specifications in various makes of shell units used in electric locomotives. This defect poses a serious risk of the compressor detaching and falling onto the track.

To address this safety concern, RDSO issued Modification Sheet No. 484 dated 24.01.2022, prescribing replacement or modification of compressor mounting legs with insufficient thickness. In compliance with this directive, the modification has been successfully implemented on all WAP-7 three-phase passenger locomotives of Northern Railway.



Un-modified CP leg



Modified CP Leg

xx. Installation of HOG Testing Plant with Water Load and DBR by ELS/GZB & LDH:

HOG provides a cost effective, pollution-free & energy Efficient system to coaches. However, HOG is a new concept to IR, so, to improve its reliability & to ensure its smooth and trouble-free operation, Electric Loco Shed, Ghaziabad and Ludhiana has developed 'HOG Testing Kits & Facilities. These testing facilities are 'User Friendly' and it would be helpful in eradicating any kind of transient failure which occurs either due to lack of knowledge about HOG operation or availability of testing equipment to check healthiness of system. The salient features of system are:

- Static DBR load (Resistive load of 180 Amp)
- Variable water load (Resistive load of 0 to 170 Amp)
- HOG load testing.
- To be used as a ready water reservoir to quench fire / smoke during emergencies.

This will improve the reliability of HOG loco on line.





xxi. Development of in-position axle box racer replacement without lifting the loco:



During the current year, a new method has been developed to replace axle box racers in-situ, eliminating the need to lift the locomotive. This innovation has led to a saving of 10 man hours per locomotive while effectively addressing defects in the racer. Additionally, the time required for the replacement process has been reduced by 2 days, significantly improving maintenance efficiency.

xxii. Development of Transverse flexibility test bench for high reach pantograph by DSL/ Tughlakabad:

As per RDSO recommendations, it is essential to conduct a transverse flexibility test of High Reach Pantographs (HRP) at their maximum working height of 3600 mm. This test measures the lateral displacement of the pantograph pan head under a 30 kg load, ensuring its proper flexibility and alignment.

The Tughlakabad (TKD) shed currently maintains 160 WAG-9H locomotives equipped with High Reach Pantographs. The introduction of this test bench will enhance the reliability of pantographs by reducing failures caused by lateral impacts with overhead equipment (OHE) and minimizing the risk of pantograph entanglement with OHE components.





xxiii. Installation of Acoustic Chamber in TM section at DSL/Alambagh shed:

An acoustic chamber has been installed in the Traction Motor Section of Diesel Shed–Alambagh to significantly reduce ambient noise levels. This chamber is capable of attenuating unwanted noise by 25 to 30 decibels at a distance of 1 meter, allowing the sound of bearings and fans in auxiliary motors (MVMT, MVSL, MVSI, and MVRH) to be clearly heard.

This improvement facilitates the early detection of abnormal noises, enabling timely maintenance interventions and helping to prevent potential equipment failures.





xxiv. Installation of Ultrasonic Cleaning Plant at DSL/Alambagh shed:

As a step towards self-reliance, an ultrasonic cleaning plant has been commissioned in the Sub-Assembly Section of Diesel Shed, Alambagh (AMV). This plant is designed to efficiently clean small parts of all types of engines.

The system comprises two tanks, each with a capacity of 240 liters: a hot rinsing tank and an ultrasonic cleaning tank. The hot rinsing tank utilizes hot water and cleaning agents to remove surface contaminants from small components. The ultrasonic tank employs a generator and transducer to convert the main electrical frequency into ultrasonic frequency, which is further transformed into mechanical energy by the transducer. This mechanical energy is transferred to the tank walls and subsequently transmitted into the cleaning liquid.

The ultrasonic waves facilitate deep cleaning through scrubbing and degreasing, ensuring thorough removal of dirt and contaminants from locomotive components. This advanced cleaning process significantly enhances maintenance quality and efficiency.



4.3.2 Achievement of General Power Supply

i. Light fittings:

A total of 10,543 LED light fittings, ranging from 9 watts to 400 watts, along with 60 new high mast towers of 16 and 30 meters height, have been installed across Northern Railway.

ii. Fannage:

- A total of 379 new 65-watt ceiling fans have been installed, replacing old ceiling fans.
- 3,100 new 35-watt ceiling fans have been provided as replacements for old 90-watt and 60-watt ceiling fans.
- 266 high-speed, 600 mm air circulator fans have been installed on platforms at various Northern Railway stations to enhance passenger comfort.
- 138 exhaust fans have been installed in service buildings across Northern Railway to improve ventilation for the benefit of passengers and staff.

iii. Commissioning of new solar panels:

To improve the reliability of power supply, solar panels were commissioned during 2024-25, details of which are as follows:

Division/ WS	Location	Capacity of Solar panel (KWP)	Model
MB	Health unit Dehradun	25	Under CAPEX
MB	ZRTI/Chandausi	400	Under CAPEX
MB	Gumthal Railway station	10	Under CAPEX
DLI	BZJT Railway station	40	Under CAPEX
DLI	Gharaunda Railway station	30	Under CAPEX
DLI	Bhodwa lMajri Railway station	30	Under CAPEX
DLI	Babarpur Railway station	40	Under CAPEX
DLI	Shahbad Markanda Railway station	40	Under CAPEX
DLI	Karnal Railway station	40	Under CAPEX
DLI	Rajlu Garhi Railway station	20	Under CAPEX
DLI	Bhainikhurd Railway station	30	Under CAPEX
DLI	Taraori Railway station	40	Under CAPEX
DLI	Amin Railway station	30	Under CAPEX
DLI	Badli Railway station	40	Under CAPEX
DLI	Mohri Railway station	30	Under CAPEX
LKO	Bridge Workshop/LKO	400	Under CAPEX
UMB	Kaulseri Railway station	20.17	Under CAPEX
UMB	Chintawala Railway station	10.36	Under CAPEX
UMB	Lalru Railway station	40.33	Under CAPEX
UMB	Dhappar Railway station	40.33	Under CAPEX
LKO	Prayag Railway station	250	Under CAPEX

4.3.3 Technical achievements of Loco Operation

RCD: Total Fuel Management (TFM):

Total Fuel Management has been implemented at the RCD in Delhi, which has a storage capacity of 440 KL and an average daily off-take of 40 KL. Complete operation of this RCD was handed over to IOCL on 02.05.2024.

Train Conversion from Diesel to Electric Traction:

During the financial year 2024-25, 36 pairs of coaching trains were switched from diesel to electric traction, resulting in a recurring annual saving of approximately Rs. 28.10 crore due to reduced consumption of HSD oil.

Energy Regeneration on 3-Phase Electric Locomotives:

Energy regeneration through regenerative braking in 3-phase electric locomotives yielded savings valued at approximately Rs. 168.32 crore during 2024-25.

Rationalization of Crew Links:

Northern Railway undertook rationalization of crew links, resulting in a saving of 35 crew sets. The savings were distributed across various locations as follows: FZR-8, UMB-9, DLI-5, MB-1, LKO-5, NWR-5, NER-1, and NCR-1.

Rationalization of Loco Links:

Northern Railway rationalized loco links, leading to a reduction of 10 locomotives (NR-7 and FR-3).

Operation of Trains in USBRL:

- The Udhampur-Srinagar-Baramulla Rail Link (USBRL) is a national project. The BDGM-SVDK section is expected to be connected to the Indian Railway network shortly. Load trials have been successfully conducted, and CRS authorization has been received to open the section.
- Crew members have received comprehensive training, including learning road, T-Set, and Ghat section training.
- Facilities have been developed, including a running room at BDGM, crew rest rooms at BAHL, SGDN, and BRML stations, and out-pit facilities at BDGM and SVDK stations. Railway accommodation has also been provided for running staff and RSO personnel.

4.3.4 Technical achievements of Diesel Section

Modification of D1 Emergency Valve:

As per RDSO guidelines, all Northern Railway diesel sheds have undertaken the safety modification of the D1 Emergency Valve to facilitate easier operation by Assistant Loco Pilots

(ALP) in High Horse Power (HHP) diesel locomotives. This modification has been completed on all NR diesel locomotives during the current year.

Additionally, Northern Railway has successfully negotiated with M/s Wabtec to implement this modification in GE class locomotives (WDG4G/WDG6G), resulting in significant cost savings for the Railways. Total 120 GE class locomotives have been modified and it is expected that the entire fleet of WLPL-based locomotives will be covered by this modification by 30th June 2025.



Before



After

Diesel Loco in the USBRL section for Trials:

Two WDG4D locomotives (Nos. 70770 and 70559) based at Diesel Shed, Tughlakabad (TKD), were nominated for trials in the challenging Udhampur-Srinagar-Baramulla Rail Link (USBRL) section. As per RDSO recommendations, several specific modifications were required to prepare these High Horse Power (HHP) locomotives for the extreme conditions of the USBRL. These included the installation of heating provisions in the air dryer, low-maintenance lead-acid batteries, an ethylene-glycol-based 40:60 antifreeze water solution, HVAC systems compliant with BLW specifications, proper cab sealing and ensuring the sander and wiper were fully operational.

Diesel Shed, TKD procured and installed two heatless regenerative-type air dryers conforming to RDSO standards in the trial locomotives. Low-maintenance lead-acid batteries were arranged and fitted as recommended. To meet antifreeze requirements, a total of 2500 liters (1250 liters per locomotive) of ethylene-glycol-based 40:60 antifreeze water solution was supplied. Cab sealing was verified, and the sander and wiper functions were checked for operational readiness. HVAC systems were made fully functional and cab heaters designed as per BLW specifications were additionally installed to counter the extreme cold weather of the USBRL section.

On 17th December 2024, the RDSO team inspected the modifications at Diesel Shed, TKD. They confirmed that all recommended changes had been successfully implemented and conducted thorough testing within the shed premises, verifying compliance with required standards.

Following successful inspections and tests, locomotives 70770 and 70559 were dispatched

from TKD Shed on 19th December 2024 for trial runs in the USBRL section. Locomotive No. 70770 was utilized for DMT load trials on the ANJHI bridge, while No. 70559 served as the lead engine (LE) for trials in various tunnels along the USBRL route.





Water Inlet Pipe Testing Fixture:

Diesel Shed, Tughlakabad (TKD), has developed a specialized testing fixture to ensure the quality and reliability of water inlet pipes used in High Horse Power (HHP) locomotives. This fixture is designed to test the pipes at a pressure of 5 Kg/cm² prior to their installation on locomotives.



Pre-installation testing of water inlet pipes offers several key benefits. Firstly, it helps identify any defects or weaknesses before the pipes are fitted, ensuring that only fully functional components are used. This proactive approach minimizes the risk of costly repairs, operational delays and potential failures. Secondly, the testing fixture significantly saves time and effort. Without this pre-test, defects would only be detected during the hydraulic checks after installation, leading to additional downtime and retrofit. By catching issues early, the fixture enhances both the reliability and efficiency of the maintenance process.

Step Towards Self-Reliance: Ultrasonic Cleaning Plant Commissioned at Diesel Shed AMV:

In April 2024, an Ultrasonic Cleaning Plant was commissioned in the Sub-Assembly Section of Diesel Shed AMV, Northern Railway. This plant is capable of effectively cleaning small parts of all types of engines.

The system comprises two tanks, each with a capacity of 240 liters: a hot rinsing tank and an ultrasonic tank. The hot rinsing tank uses hot water and cleaning agents to remove dirt and grease from small components. The ultrasonic tank operates using an ultrasonic transducer coupled with a generator that converts the main electrical frequency into ultrasonic frequency. The transducer transforms this ultrasonic frequency into mechanical energy, which is transmitted to the tank walls and subsequently transferred to the cleaning fluid inside. This process generates strong streaming, degreasing, and cavitation effects that ensure thorough and efficient cleaning of locomotive parts.



- On 2nd September 2024, an Acoustic Chamber was installed in the traction motor section of Diesel Shed Alambagh, Northern Railway. This chamber reduces unwanted noise by 25 to 30 decibels at a distance of 1 meter, enabling clear detection of sounds from bearings and fans of auxiliary motors (MVMT, MVSL, MVSI, and MVRH).

This enhanced acoustic environment facilitates early identification of abnormal noises, helping to prevent potential motor failures and improve overall maintenance effectiveness.





Streamlining Bogie and Tyre Maintenance at Diesel Shed Ludhiana:

Diesel Shed Ludhiana, Northern Railway, undertook initiatives to streamline bogie and tyre maintenance processes, aiming to reduce downtime and improve efficiency. Innovative techniques such as changing the draft gear without removing the cattle guard and servicing the bogie frame nose pad and horizontal damper of High Horse Power (HHP) locomotives at the jack point, have helped reduce out-of-charge (OOC) repair time by 30–50%.

Additionally, a focused drive to recheck clearances and reduce uneven wear has led to a nearly 30% decrease in wheel reprofiling frequency, contributing to better asset utilization and cost savings.

Repair/Replacement of track in LDH shed of NR:

Due to a rising trend of derailments in the Ludhiana Diesel Shed of Northern Railway, a budget of Rs. 2.5 crore has been sanctioned under the DRM's authority for the repair and replacement of tracks on lines 2, 3, 4, 5, and 8. It is noteworthy that pit lines 5 and 8 have already been successfully reconditioned as part of this effort.

Commissioning of 5 tonnes diesel fork lift truck at Dsl shed LDH:

A 5-tonne capacity forklift was commissioned during FY 2024-25, enhancing material handling efficiency within the shed.

Implementation of Nomex Paper and Ring-Type Lug in Fuel Pump Motors at Diesel Shed Ludhiana:

As per RDSO Modification Sheet MP-MOD-EM-19-03-24 dated 22.03.2024, Diesel Shed Ludhiana has upgraded fuel pump motors of High Horse Power (HHP) locomotives by providing Nomex paper insulation and replacing push-lock type lugs with ring-type lugs.

A total of 96 HHP locomotives have been fitted with Nomex paper and all 103 fuel pump motors have been equipped with ring-type lugs, enhancing reliability and durability.

- To reduce failures of lightning arrestors on locomotive roofs, Diesel Shed AMV, Northern Railway, procured a test bench for measuring the 3rd harmonic resistive leakage current of lightning arrestors. This equipment helps ensure the reliability and proper functioning of lightning arrestors, thereby enhancing locomotive safety.

In-House Developed PHGR Test Bench at Diesel Shed AMV:

An in-house PHGR test bench was developed at Diesel Shed AMV, Northern Railway, enabling faster testing while saving manpower and costs that would otherwise be incurred by sending equipment to other railway units.

In-House Fixtures for Axle Box Cleaning:

Diesel Shed AMV developed specialized fixtures for axle box cleaning, resulting in improved work ergonomics, manpower savings and enhanced reliability of the cleaning process.

Backlash Measuring Kit for HHP Starting Motors:

An in-house developed backlash measuring kit is now used at Diesel Shed AMV to prevent locomotive starting failures caused by out-of-range backlash between the starting motor and flywheel.

Mechanization of Manually Operated Turn-Table:

The mechanization of the manually operated turn-table at Diesel Shed AMV has resulted in significant savings of manpower and time required for locomotive face turning operations.

Installation of Wind Turbine Ventilators at Diesel Shed AMV:

To address heat buildup and gas accumulation during diesel locomotive testing over pits, wind turbine ventilators were installed on pit roofs. These ventilators use wind energy to extract hot exhaust gases, promoting fresh air circulation while reducing energy consumption and enhancing safety.

Dedicated Tool Management Software at Diesel Shed AMV:

A dedicated Tool Management System software was developed through outsourcing and implemented at Diesel Shed AMV. This system improves tool availability, reduces loss and damage, enhances tracking and increases accountability.

4.4 TECHNICAL ACHIEVEMENTS OF TRD:

4.4.1 INNOVATIONS: Provision of Additional wire arrangement (Dummy OHE) at LC gates:

To prevent entanglement of gate barrier booms with live Overhead Equipment (OHE) in case of boom breakage, additional wire arrangements—referred to as Dummy OHE—are being installed between the OHE and gate barrier booms. During FY 2024-25, this safety measure has been implemented at 148 vulnerable level crossing gates. This initiative effectively reduces OHE failures caused by collisions and entanglement with gate barrier booms.



4.5 Operational Achievements

4.5.1 Loco operational achievements:

POH Schedule at Charbagh Workshop:

The Electric Loco Workshop, Charbagh, successfully turned out 25 locomotives during the year, comprising 17 under Periodic Overhaul (POH) and 8 under Repairs and Calibration (RC). Additionally, 8 locomotives were turned out after carrying out Terminal Overhaul (TOH) and Intermediate Overhaul (IOH) schedules (3 TOH and 5 IOH). This performance aligns with the effective annual target of 25 locomotives (17 POH + 8 RC).

Major Schedules at Electric Loco Sheds:

Electric Loco Sheds at Ghaziabad, Ludhiana, and Saharanpur collectively completed major schedules (TOH/IOH) for 215 locomotives during the year.

Minor Schedules at Electric Loco Sheds:Maintaining social distancing protocols, the same sheds performed minor schedules on 2,127 locomotives, broken down as follows:

- IA: 779 locos
- IB: 655 locos
- IC: 661 locos
- IC0: 32 locos

Average Kilometres Earned by Electric Locomotives

- The average kilometres per loco per day (EKM/Loco/Day) for Northern Railway coaching locomotives in 2024 is 666 km, reflecting a 6.77% increase over 2023 (based on loco link data).
- For freight locomotives, Northern Railway achieved an average of 380 km per loco per day, ranking second highest among zonal railways after North Eastern Railway's 390 km (data sourced from Directorate of Statistics & Economics, December 2024).

4.5.2 Power Supply Operational Achievements

Electrification of stations/Halts: During FY 2024–25, seven railway stations under Delhi Division-Mokhra, Madina, Maham, Garhi, Mundhal Kalan, Dobh Bahali, Khar, and Sorkhi—have been electrified. This development will enhance operational efficiency and provide improved services and convenience to passengers.

Provision of DG sets: Following New DG Sets was commissioned for emergency power supply during 2024-25

Division	Location	Capacity
DLI	Anand Vihar Railway station	500 KVA
DLI	Kurukshetra Railway station	250 KVA
DLI	DRM office New Delhi	160 KVA
DLI	Substation No. 02 TKD	125 KVA
DLI	Old Running Room TKD	250 KVA
UMB	Saharanpur Railway station	500 KVA
UMB	Ambala City Railway station	82.5 KVA
LKO	Prayag Railway station	250 KVA
LKO	Prayag Railway station	250 KVA
LKO	Phaphamau Railway station	125 KVA

Provision of LED base station name boards and Glow Sign Boards: As part of energy conservation efforts and to enhance passenger guidance, 27 LED-type energy-efficient station name boards and glow sign boards were installed across various railway stations by different divisions during FY 2024–25. The distribution is as follows:

•	Delhi Division (DLI)	04	•	Lucknow Division (LKO)	02	•	Ambala Division (UMB)	10
•	Firozpur Division (FZR)	10	•	Moradabad Division (MB)	01	•	**Total**	**27**

These installations contribute to both energy savings and improved station visibility for passengers.





Provision of LED Façade lighting: To enhance the aesthetic appeal of railway stations, 21 LED facade lighting systems have been installed across various stations under Northern Railway during FY 2024–25. The division-wise distribution is as follows:

- Delhi Division (DLI): 01 station
- Firozpur Division (FZR): 08 stations
- Moradabad Division (MB): 01 station
- Ambala Division (UMB): 11 stations

These energy-efficient installations contribute to station beautification and improved nighttime visibility.




(Façade lighting at Bijnor and Saharanpur Railway station)

Provision of standard signages: As part of energy conservation initiatives and to improve passenger guidance, 19 LED-type standard signage boards have been installed at various railway stations over Northern Railway during FY 2024–25. The division-wise distribution is as follows:

- Jammu Division (JAT): 02 stations
- Firozpur Division (FZR): 06 stations
- Moradabad Division (MB): 01 station
- Ambala Division (UMB): 10 stations

These energy-efficient signboards enhance visibility, reduce power consumption and improve wayfinding for passengers.

Improvement of illumination at different areas at stations like platforms, concourse, circulating areas, waiting halls and FOBs: To enhance passenger comfort and safety, illumination levels at key areas such as platforms, concourses, circulating areas, waiting halls and foot over bridges (FOBs) have been significantly improved at 59 railway stations across Northern Railway during FY 2024–25. This has been achieved by installing additional lighting fixtures and replacing existing ones with higher-efficiency fittings.

The division-wise distribution of upgraded stations is as follows:

- Delhi Division (DLI): 11 stations
- Firozpur Division (FZR): 12 stations
- Lucknow Division (LKO): 10 stations
- Jammu Division (JAT): 03 stations
- Ambala Division (UMB): 15 stations
- Moradabad Division (MB): 08 stations

These improvements contribute to enhanced visibility, better aesthetics and a safer environment for passengers, especially during night hours.

Electrification of Newly Constructed Service buildings: Following newly constructed service building have been electrified over Northern Railway in 2024-25.

S N	Division	Name of Service Building.
1	LKO	Station building (EI) of Takia(TQA) Railway Stations
2	DLI	Toilet at Panipat & Bijwasan Railway station
3	LKO	Station building (EI building) of Jaitipur Railway Stations.
4	LKO	Platform no. 10&11 at Varanasi
5	UMB	RPF barrack at Rajpura and YamunanagerJagadhari of Ambala division
6	DLI	09 nos. offices on PF no. 8 at ANVT Railway station and newly constructed toilet on Platform No. 2 at Anand Vihar Terminal.
7	DLI	S&T store at Delhi Sarai Rohilla Railway Stations
8	DLI	FOB at Patel Nager Railway Stations
9	DLI	RPF barrack, ChankayaPuri
10	DLI	Yoga Park & Exercise hall at CNKP Rail Enclave
11	DLI	S&T Building at Mansa Railway Station
12	DLI	Creche at Rail Bhawan
13	DLI	Warehouse at DKZ

Rewiring of service buildings: Rewiring of following service buildings have been done over Northern Railway in 2024-25.

S N	Div.	Name of Service Building.
1	DLI	Room no.333, 317, 318, 349, 220-A, 327,327-A, 428, 421A, 204, 419, 332, 126, PCPO chamber (Room no.329) (Anx. I) Dy.COM/Goods and Dy. COM/FM, & PS to CPTM room, EDP center in Anx. I & Room no.432, staff hall on 3rd floor in Anx.II at Baroda house.
2	DLI	Rooms no. 202, 132-A, 103-A, 140C,150A, 206, 220,221, 129, 110C, 140C, 152D, 253, 259, 415A, 433, 526, 402 214,215,444,470, 224,415B & 416, 469, 540A, 530, 540B & 540C & CRB' visitor room 231, 209, 237(Vimarsh), rooms 529 (PED Vig. Chamber), 107/B & 108/B,237 (Committee room), 217 (Member traction), & 1st-floor D-wing corridor, C-Wing corridor, 4th-floor C-wing corridors, Gate no.1 at Ground & first floor, 5th-floor D-wing corridors, D-wing on 4th floor, A-wing on 4th-floor and A-wing on 5th-floor at Rail Bhawan.
3	DLI	06nos. work-station in the Account branch & 10nos. work-station in the welfare section in DRM office New Delhi, IOW office at CNKP.
4	DLI	TA building record room at Delhi Kishanganj.
5	DLI	RPF barrack at Gurgaon, RPF office Muzaffarnagar and CHI office New Delhi Railway station, Electrical lobby/CYM office New Delhi, CCRS office new Delhi, Running Room atRohtak and Running room Palwal.
6	DLI	Engineering & Mechanical branch at DRM office Delhi.
7	DLI	VIP washroom (NDLS Station building), OS/store at EOG shed & 02nos. rooms in the OHE depot at New Delhi have been provided.
8	DLI	RPF barrack at Delhi Kishanganj, Nursery school at S.P Marg.

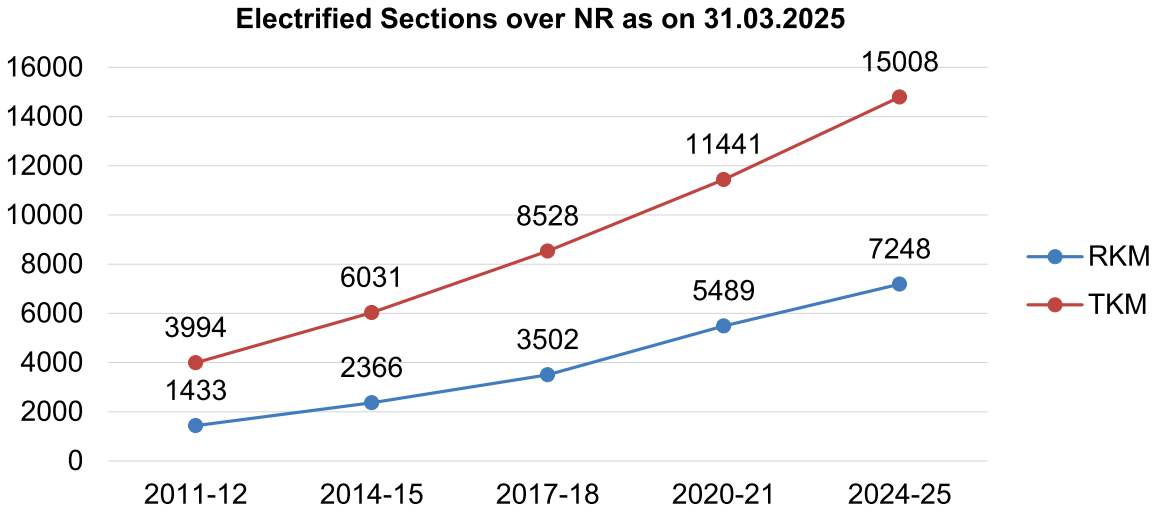
9	DLI	Station master office building at Shamli Railway Station, nursery school at Tuglakabad, S&T store at SubziMandi Railway Station, RPF Canteen & computer Lab at Dayabasti, URMU office at P. K. Road, newly constructed Crech in KG school & Sr. DME/ Diesel chamber at TKD
10	DLI	Rest house Building, TKJ, RPF Building at Rohtak, IOW Office at CNKP Railway colony.
11	DLI	RPF Post at Adarshnagar Railway Station and S&T conference hall & exchange hall at Baroda House
12	DLI	Foot Over Bridge at Asaoti Railway station
13	UMB	Diesel Shed Shimla
14	DLI	Rewiring of the Tool room at the C&W office at Jind, Yogshala at Chanakyapuri, AEN/ Construction office at New Delhi and Sona Bath at S.M. Marg
15	DLI	PF no 1 to 7 at PTNR Railway station and PF no. 01 at DBSI Railway station
16	DLI	Store Nursery horticulture at the SOJ Railway colony.
17	DLI	Yoga & Exercise Room at CNKP Rail Enclave.
18	DLI	Relay Huts No. 1 & 2 at Bijwasan.
19	DLI	02nos.Two Old Running Rooms at TKD.
20	DLI	Porta Cabin in Parcel Godown at New Delhi, TRD office at Fardabad, Health Unit at Sarojininagar, Kitchen of Kothi no.SC-3B Paharganj and Pota cabin at Bhoor side Ghaziabad of Delhi division.
21	DLI	COFMOW Canteen
22	DLI	S&T store at Narwana Railway station
23	DLI	Booking office at OKA and Tohana Railway Railway station
24	DLI	Goods office at DKZ Railway station and PF No.1 & 2 at DKZ Railway station

4.6 TRD Operational Achievements:

Commissioning of newly electrified sections during 2024-25:

Northern Railway has made remarkable progress under Indian Railways' flagship "Mission 100% Railway Electrification" initiative. Over the past 10 years, 5,056 Route Kilometers (RKM) and 9,335 Track Kilometers (TKM)—accounting for approximately 70% of the Broad Gauge (BG) network—have been electrified across Northern Railway.

During the financial year 2024–25 alone, 171.4 RKM (417.72 TKM) of electrification was successfully completed. A significant highlight of this achievement is the electrification of the Katra–Banihal section in the Kashmir Valley, which now enables seamless electric train connectivity, linking the Kashmir Valley to the rest of the country by rail for the first time.With these efforts, Northern Railway has now achieved 100% electrification of its Broad Gauge routes, marking a major milestone in sustainable rail transport.



The details of sections electrified during the year 2024-25 are as under:

(i) New Electrification Sections:

S N	Section	Divn	RKM	TKM
1.	Rohtak- Meham- Hansi	DLI	68	73
2.	Reasi- Sangaldan New line New Line	JAT	45.92	51.93
3.	Katra- Reasi New Line	JAT	15.88	15.88
4.	Deoband- Roorkee New line	MB	30.87	37.63
5.	Palwal to New Pirthala Connectivity	DLI	10.72	12.5
	Total		**171.4**	**190.9**

(ii) Electrification of Doubling Sections, Sidings:

S N	Date	Section	Divn.	RKM	TKM
1.	04.04.2024	DN Loop Line, Todarpur	MB	0	1.32
2.	19.04.2024	IBL line no. 1 &2 Shakurbasti	DLI	0	0.90
3.	29.04.2024	Longer Loop Lines at Kartarpur	FZR	0	2.16
4.	30.04.2024	Additional loop line no. -3, Anandpur sahib	UMB	0	1.25
5.	01.05.2024	Silo complex at Chajli.	UMB	0	2.63
6.	14.05.2024	Washing line no. 11 & 12 at New Delhi	DLI	0	1.30
7.	21.05.2024	UP Loop Line at Bhadaiyan	LKO	0	1.48
8.	21.06.2024	Longer DN Loop Line Duganpur	MB	0	4.35
9.	02.07.2024	Washing line at Meerut City	DLI	0	0.75
10.	05.07.2024	New Shunting Neck line at Jammu Tawi	FZR	0	0.37
11.	31.07.2024	Line no. 5(common loop line), line no. 6 (Goods line) in Roorkee yard	MB	0	7.50
12.	09.08.2024	Rosa Yard	MB	0	2.30
13.	16.08.2024	DN loop line, MiranpurKatra	MB	0	1.23
14.	21.08.2024	Longer Loop Line at Sanehwal	FZR	0	0.45

15.	04.09.2024	Washing Line no. 1 & 3, Katra	FZR	0	2.06
16.	18.09.2024	Washing line no. 1 &2, Varanasi	LKO	0	3.42
17.	18.09.2024	Sadar Washing line, Lucknow	LKO	0	0.78
18.	18.09.2024	Janghai- Ugrasenpur Doubling	LKO	0	27.00
19.	18.09.2024	Additional loop line at Una Himachal	UMB	0	1.24
20.	19.09.2024	Janghai Yard remodelling	LKO	0	17.76
21.	01.10.2024	Rajpura Yard re-modeling	UMB	0	3.24
22.	04.10.2024	Shahganj Yard re-modelling	LKO	0	10.71
23.	10.10.2024	Longer loop line Chiheru	FZR	0	1.74
24.	17.10.2024	UP loop line MewaNawada	MB	0	2.58
25.	30.10.2024	Baddowal-Ludhiana Doubling	FZR	0	9.90
26.	05.11.2024	Patiala Yard remodeling	UMB	0	10.49
27.	23.12.2024	DN loop line Masit	MB	0	1.17
28.	03.01.2025	Ugarsenpur-Phapahamau Doubling	LKO	0	74.89
29.	03.01.2025	longer loop line at Ladhowal	FZR	0	2.06
30.	07.01.2025	Remodeling of AyodhyaCantt. Yard	LKO	0	9.60
31.	10.01.2025	Elevated track at Kurukshetra	DLI	0	6.60
32.	14.01.2025	Development of additional train handling facilities at Shakurbasti	DLI	0	7.20
33.	16.01.2025	New line no. 4 of Bhanupali Yard	UMB	0	3.20
34.	18.02.2025	Balamau Yard lines	DLI	0	3.20
		Total			**226.82**

USBRL Project:

The commissioning and electrification of the Katra–Banihal section have been successfully completed this year, establishing a vital rail link that connects the Kashmir Valley with the rest of India. Notably, 88% of this section runs through tunnels, all of which have been equipped with the Rigid Overhead Conductor System (ROCS). The ROCS installation in this project sets a new benchmark in Indian railway technology, ensuring reliable and safe electric traction in challenging tunnel environments.

EIG sanction accorded:

91 EIG sanctions were accorded during the year 2024-25 for the energization of Overhead Equipment (OHE), Traction Sub-Stations (TSS), Sectioning Posts (SP), Switching and Sectioning Posts (SSP), and Auto Transformers (ATs) across various sections of Northern Railway.

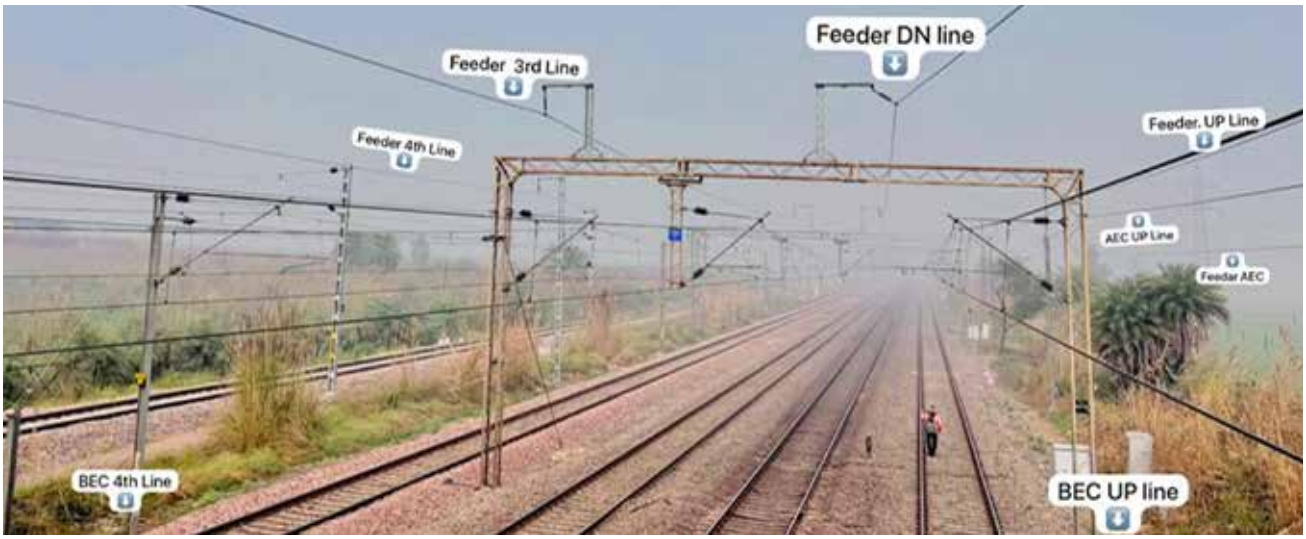
Commissioning of Traction Substation:

08 Traction Substations were commissioned in newly electrified sections of Northern Railway during the year 2024-25. This development has enabled full capacity utilization of these electrified sections, facilitating efficient running of trains on electric traction.

Mission Raftar Project: 2x25kV system on New Delhi-Mumbai & Delhi-Howrah Route:

The overhead equipment (OHE) modifications for raising speed to 160 km/h on the New

Delhi–Mumbai and New Delhi–Howrah routes are progressing rapidly over Northern Railway. The OHE modification work on the UP and DN main lines of the Rajdhani route—specifically the New Delhi–Palwal section (New Delhi–Mumbai route) and New Delhi–Chhipyana section (New Delhi–Howrah route)—has been completed, making the OHE fit for 160 km/h operations. Feeder and PSI works related to the 2x25 kV system are currently underway.



4.7 Achievements of Loco Operation:

Operation of trains during Kumbh Mela:

- **Train Operations:** Successfully operated 1,259 Kumbh Mela special trains and 2,011 Early Clearance Runs (ECRs) during the Mela period.
- **Crew Management:** 72 additional crew sets were provided from other Northern Railway divisions to meet increased demand. Maintenance staff and Chief Loco Inspectors (CLIs) were also deputed to LKO division.
- **Locomotive Deployment:** Locomotives were balanced from other divisions and deployed on both ends of special trains to avoid loco reversal during MahaKumbh. A total of 42 rakes operated with locomotives at both ends.
- **Staff Accommodation:** Additional accommodations were arranged across LKO division for running staff, CLIs, and RSO personnel.
- **Fueling Facilities:** Temporary diesel fueling points were established at MBDP and AYC stations.
- Staff Movement:Nine additional Motorized Unmanned Vehicles (MUVs) were hired for crew and maintenance staff movement, stationed at PYGS, PRG, PLP, AYC, BSB, and RBL.
- **Round-the-Clock Staffing:** CLIs and maintenance staff (Diesel & Electric) were deployed

24/7 at critical points—PYGS, PRG, PFM, AYC/AY stations—to ensure smooth and punctual running of Mela specials.

- **Crew Facilities at PRG**
  - A new temporary crew lobby was created and made operational at PRG station.
  - Two new kiosks integrated with biometric attendance machines were installed for Sign 'ON' and Sign 'OFF' in the old running room, which was also upgraded with subsidized meal services and a capacity of 48 beds.
  - An additional 37 beds were arranged in the waiting hall at the second entry side of PRG for Mauni Amavasya.

a) **Additional Bed Capacity:** Total 253 additional beds added across running rooms at:
   - PYGS: 117 beds
   - MBDP: 10 beds
   - AYC: 70 beds
   - JNU: 10 beds
   - PLP: 31 beds
   - BSB: 15 beds

b) **Mauni Amavasya Arrangements:** 25 beds arranged at PFM station building specifically for Mauni Amavasya train operations originating from PFM.

c) **Crew Availability at PRYJ:**
   - 20 crew members from LKO/NR division were consistently made available at PRYJ on main Snan days and weekends.
   - On non-Snan days, 10-12 crew were present at PRYJ.

d) **Crew Availability at PRG/PYGS/PFM:**
   - 40 crew members were deployed at PRG, PYGS, and PFM on main Snan days and weekends.
   - On non-Snan days, crew strength was adjusted to 20-25.

e) **Directional Crew Readiness:** At PRG and PYGS, three crew members were kept alert for each direction (LKO, AYC, and JNU).

4.7.1 Extending help to NCR to operate trains during Kumbh Mela:

Despite 1,606 vacancies (11.6%) in the running cadre of Northern Railway (NR), 90 crew sets-comprising 90 Loco Pilots (LPs) and 90 Assistant Loco Pilots (ALPs)-along with three Chief Loco Inspectors (CLIs) were transferred from the Delhi (DLI) and Moradabad (MB) divisions of NR to North Central Railway (NCR) to operate freight trains in the DFCCIL section between Khurja Junction (KRJN) and Kanpur Central (CNB). Additionally, Northern Railway balances an average of 10 MEMU-qualified Loco Pilots daily to NCR for MEMU train operations.

4.7.2 Running Rooms:

a) **Implementation of Running Room Management System (RRMS):** The RRMS developed by CRIS to check-in check-out in running room has been implemented in 25 running rooms of NR. In this software, CC Lobby forwards the crew to running room through software and running room receptionist allots the room to the crew. No permission slip is required. Now, no manual intervention is not required in allotment of room/bed.

b) **New Running room:**

- New Running room at LKO has been commissioned on 24.03.2025 having124 bed rooms with capacity of 250 beds.
- New running room at UCR has been commissioned on 01.07.2024 having 15 bed rooms with capacity of 30 beds.

c) **Subsidized meal facility:** Subsidized meal facility has been provided in two additional running rooms during current financial year (TD & LKO/Chg). Now, subsidized meal scheme exists in 36 running rooms over NR.

4.7.3 Crew Lobby:

a) Commissioning of New Crew Booking Lobby:To control over due hours and spare running of crew, new crew booking lobby has been commissioned at KRJN.

b) New Electrical & Electronic LP/ALP callout & Emergency brake Application System with Voice & Video has been installed in MB lobby on 31.12.2024.

c) The ‘Smart Motion-Based Signal Calling out System’ has been introduced in Crew lobby at LKO(Chg) of LKO division on 26.12.2024 for better visualization and practicing of crew to help LPs/ALPs to inculcate habit of signal calling out and to brake the hesitation of ALP in applying the Emergency brake(RS valve) to prevent SPAD and over speeding cases.

4.7.4 Details of HSD (Fuel) issue position:

Actual fuel issue of HSD oil for traction purpose, other than Traction and actual cumulative issue the detailed position is tabulated below:

Item	2023-24	2024-25	% age
HS Doilissue (In KL)	227362	201270	-11.5
NR Locos	131279	112666	-14.2
FR Locos	61096	54468	-10.8
Traction (KL)	192375	167134	-13.1
Otherthan Traction	34987	34136	-2.4
Avgofftake (In KL)	621	551	-11.3

4.7.5 Trip inspections:

During 2024-25, trip inspection examinations were carried out of 26567 locomotives(12592 NR & 13975 FR). Out of these 25039 locomotives wereof Mail/Express (12151 NR & 12288 FR) and 1528 locomotives (441 NR & 1087 FRlys) were of freight services.

4.8 Operational Achievements of Diesel Wing:

- On 13.01.2025, following the official ceremonial announcement of the MAHA KUMBH, the Traffic Department requested enhanced locomotive availability to ensure seamless to-and-fro movement of KumbhMela special trains. Diesel Shed AMV rose to the occasion by ensuring a continuous supply of locomotives as per Traffic requirements.

  Despite significant challenges—such as a large number of HHP and ALCO locomotives grounded due to material shortages and overdue maintenance—the shed accepted the task and successfully provided a total of 48 locomotives for KumbhMela operations. This included 6 ALCO locomotives in MU (Multiple Unit) configuration, 24 standalone ALCO locomotives, 8 electric locomotives, and 10 HHP locomotives.

- **Major Schedule of HHP Diesel locomotives:** 103 HHP Diesel locomotives are maintained by Diesel Shed, Ludhiana. In the financial year 2024-25 Diesel Shed, Ludhiana has done major schedule (6Y/3Y) of 18 HHP locos.

- **At the Diesel Shed AMV of Northern Railway, the restoration of the EPD** (Electronic Power Device) test bench was carried out in-house. This initiative resulted in significant cost savings, which would have been incurred had the work been outsourced. Additionally, it saved manpower and time, as EPDs previously had to be tested at other railway units. At Dsl shed AMV of NR restoration of EPD test bench was done in-house which resulted in cost saving which otherwise would have attracted cost if attended through outsourcing as well saving of manpower and time as EPDs were earlier tested at other Railway units.

- To enhance the reliability of HHP locomotives, all HHP locos at the Diesel Shed AMV of Northern Railway have been brought under Annual Maintenance Contracts (AMC).

4.9 Performance:

4.9.1 Loco Performance:

A. Yearly Loco performance:

S. N.	Item No	Target 2024-25	Performance					Best Ever	
			2020-21	2021-22	2022-23	2023-24	2024-25	Figure	Year
1.0	**Ineffective % age**								
	(a) Electric Loco (Stat)	6.9	6.1	6.0	6.6	5.3	6.1	5.3	2023-24
2.0	**Loss of Punctuality (Inc) (Ownership basis)**								
	(a) Electric Loco asset failure	--	116	1640	1746	1758	1658	--	--
	(b) Average Loco holding	--	709.3	874.1	1064.3	1154.9	1189.6	--	--
	(c) FRPCPM	--	1.36	15.63	13.67	12.68	11.61	11.61	2024-25

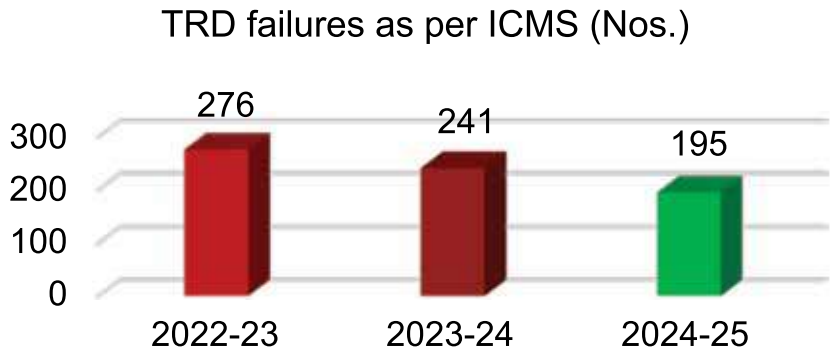
B. Assets Failures and Asset utilization:

S. N.	Items	2023-24	2024-25	% age variation (+/-) Imp/Det.
1.0	**Ineffective % age**			
	(a) Electric Locos(Stat) T=6.9	5.3	6.1	(+) 11.6
2.0	**Asset failure (Ownership basis)**			
	(a) Electric Loco asset failure	1758	1658	
	(b) Average Loco holding	1154.9	1189.6	
	(c) FRPCPM	12.68	11.61	(+) 8.43

4.9.2 OHE Performance:

A. **OHE Failures v/s Target:** A consistent thrust is being given to maintain OHE (Overhead Equipment) reliability through the implementation of the Reliability Action Plan. As a result, Northern Railway has recorded a significant reduction in TRD (Traction Distribution) failures compared to previous years.

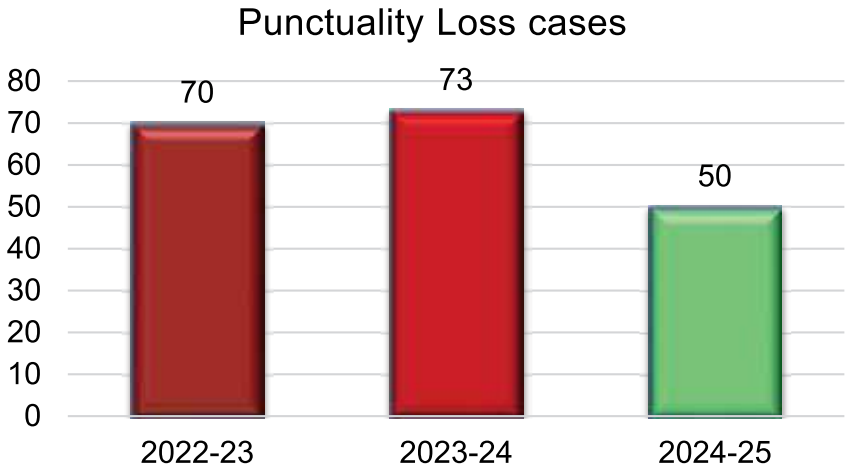
B. **TRD FAILURES AS PER ICMS:** There has been a 21.3% reduction in asset failures over Northern Railway compared to the previous year, significantly surpassing the Railway Board's MoU target of 5% reduction. This reflects the effectiveness of focused efforts and reliability enhancement measures implemented across the zone.



Failures	2022-23	2023-24	2024-25
TRD failures as per ICMS (Nos.)	276	241	195
TRD Failures/100 TKM	2.04	1.65	1.29
% Reduction of TRD failures over last year.	-	- 19 %	- 21.3 %

4.9.3 Punctuality Performance On TRD Account

TRD asset failures over Northern Railway have shown a consistent decline compared to previous years. Consequently, the number of punctuality loss cases per Track Kilometre (TKM) due to TRD asset failures has also significantly reduced during 2024–25.



Punctuality loss cases	2022-23	2023-24	2024-25
TRD failures (Punctuality loss cases) in Nos.	70	73	50
TRD Failures/100TKM	0.50	0.50	0.33
% Reduction over last year	-	+3 %	- 34%

4.9.4 Diesel Wing:

S N	Parameters		Cumulative Average till March 2024-25
1	Asset Failures- NR-IR (BG diesel)		7.4
	Asset Failures- NR-IR (NG diesel)		3.7
2	Direct Punctuality Loss On Diesel loco a/c NR-IR		15.8
3	Outage-NR diesel sheds	Target	479.2
		Actual	491.65

4.9.5 General Power Supply:

A. Yearly Performance of General Power supply

S. N.	Item No.	Target for 24-25	Performance					Best Ever	
			20-21	21-22	22-23	23-24	24-25	Figure	Year
	A) ENERGY CONSERVATION								
1	Energy consumption (MU)	309.71	279.29	314.54	319.11	321.48	329.69	279.29	20-21
2	Unit Generation by Solar panels (MU)	29.21	12.74	17.77	16.95	21.14	15.63	21.14	23.-24
3	Provision of 5 Star rating equipment by venders at Railway station (Nos. of stations)	45	46	52	34	33	31	52	21-22

4	Automation of pumps with GSM technique	-	10	96	239	55	0	239	22-23
5	Electronic energy Meters in Railway installations	-	-	18	200	0	0	200	22-23
6	Automatic switching Power Factor improvement (Nos.)	25	28	26	30	33	31	33	23-24
7	Solar water heater at Running Rooms & hospitals	-	02	0	0	0	0	02	21-22
8	Automatic Switching OFF/ON of Platforms Light for all Stations (70% & 30% Circuit)	-	-	05	28	04	0	28	22-23
9	Segregation of domestic loads.	-	02	05	03	06	0	06	23-24
10	Replacement of 90 watt ceiling fans by 60/35 watt ceiling fans	6000	239	389	1190	2010	3100	3100	24-25
11	Replacement of Overhead conductors with Underground cables. (Nos. of locations)	50	50	62	31	60	27	62	21-22
12	Use of solar street lights for (a) remote place at colonies (b) training institutes (c) Retiring rooms (d) officers rest house	-	-	-	24	0	19	24	22-23
13	Use of 5 star rating pump sets	130	110	156	196	152	171	196	22-23
14	Provision of LED based station name boards (Nos.)	45	48	63	32	35	27	63	21-22
	B) PASSENGER AMENITIES								
1	Improvement in illumination at stations i.e. platforms, FOB, circulating area, waiting halls, booking office / enquiry office, concourse, Retiring Room,(No. of station)	-	14	23	31	40	59	59	24-25
2	Provision of standard signages. (No. of station)	-	04	03	09	11	19	19	24-25
3	Improvement in lighting in circulating area by providing high mast tower	-	02	16	01	12	39	39	24-25
4	Provision of Mobile/Lap top charging point (Nos.)	-	44	34	14	67	46	67	23-24
5	Commissioning of Lifts (Nos.)	20	08	10	13	18	17	18	23-24
6	Commissioning of Escalators (Nos.)	13	13	07	08	27	13	27	23-24
7	Provision of additional water coolers at stations	-	23	22	5	15	14	23	20-21
	C) STAFF AMENITIES								
1	Rewiring of quarters.	1650	842	859	774	861	1353	1353	24-25
	D) TRAFFIC AMENITIES								
1	Improvement in illumination in washing line, sick line, yard (No of station)	-	0	9	03	31	7	31	23-24

2	Improvement in goods shed/freight terminals	-	14	49	41	25	20	49	21-22
3	Electrification of stations/halts.	-	11	03	02	01	7	11	20-21
	E) SAFETY								
1	Electrification of eligible manned level crossings	-	20	8	20	50	0	50	23-24
2	Provision of RCCBs	-	-	-	-	650	1970	1970	24-25
	F) RELIABILITY								
1	AMF Panel on DG sets more than 100 kVA.	-	02	01	04	02	04	04	24-25
2	Maintenance free earthing	-	04	82	8	547	497	547	23-24
3	Pre- paid meters within vender's premises	6175	-	18	200	301	1076	1076	24-25
4	11/.750KV EOG external power supply system	-	-	-	4	47	10	47	23-24

4.9 Safety Performance:

4.9.1 General Power Supply:

A. Electrification of Manned Level Crossings: State Electricity Board (SEB) supply has been provided at 156 level crossing gates that were previously equipped with standalone solar PV systems only. This includes 121 gates in the Lucknow (LKO) division and 35 gates in the Moradabad (MB) division.

B. Provision of RCCBs: A total of 1,970 RCCBs (Residual Current Circuit Breakers) have been installed across various railway stations, rest houses, retiring rooms and TTE rest houses over Northern Railway. These have been provided for water coolers, electric poles, HMTs and electric geysers to enhance the safety of railway staff and electrical installations.

4.9.2 Loco Operation Safety:

A. Safety Seminars: From April 2024 to March 2025, a total of 1,399 safety seminars were organized. During these sessions, 11,242 running staff members participated and were addressed on the prevention of SPAD (Signal Passed At Danger) incidents as well as other safety-related issues.

B. Family Interactions: Between April 2024 and March 2025, 1,003 interaction sessions with family members of running staff were organized at crew lobbies across all divisions. A total of 5,365 family members attended these sessions, where they were encouraged to maintain a positive home environment and ensure that Loco Pilots (LPs) and Assistant Loco Pilots (ALPs) receive proper rest to support safe train operations.

4.9.3 Analysing of CCVR:

CVVRS (Crew Vigilance Video Recording System) has been installed in 13 locomotives

across Northern Railway sheds. From April 2024 to March 2025, 310 CVVRS checks were analyzed, identifying 338 irregularities. These included issues such as failure to call out signals with hand gestures, instances of micro-sleep, ALPs not checking the functioning of the RS valve, failure to place a hand on the RS valve while passing a yellow signal, missing train numbers and crew IDs in the SPM and LPs not opening the signal location book on the desk. Staff found at fault were counselled by Chief Loco Inspectors (CLIs).

4.9.4 Analysing of Speed chart:

Speed chart analysis is an important tool for monitoring the driving skills of Loco Pilots (LPs). Prior to November 2024, very few speed charts were analyzed over Northern Railway. From November 2024 onwards, a decision was made to analyze two speed charts for each LP every month. This initiative resulted in a significant increase, with 47,466 speed charts analyzed by Chief Loco Inspectors (CLIs) from November 2024 to March 2025 using an app. Crews were counselled appropriately on irregularities such as late braking, over speeding and abrupt braking identified during the analysis.

4.10 Diesel Safety:

4.10.1 ZERO ACCIDENTS Target achieved on Diesel Loco account.

4.11 System improvement

4.11.1 System improvement in TRD during 2024-25:

A. Replacement of corroded/weak/damaged catenary wire:

Electrification in the Delhi area began in 1976. Over time, the catenary wires have become aged and their condition has further deteriorated due to heavy pollution in the Delhi (DLI) area. To address this, phased replacement of the catenary wires is underway. Additionally, corroded catenary wires are being replaced in chemically polluted zones near factories across various sections of all divisions. Splicing is also carried out whenever a single damaged strand is detected to prevent failures.

During the financial year 2024–25, 131.8 km of old and weakened catenary wires were replaced. Furthermore, 1,618 locations with damaged strands received splice repairs.





B. Replacement of brazed jointed contact wire:

Electrification in the Delhi area commenced in 1976. The contact wire installed until 1995 featured silver-brazed joints approximately every 100 meters. Failures of these brazed joints began to occur from 1989 onwards. Consequently, a phased drive was initiated to replace all contact wires with silver-brazed joints.

In the Delhi (DLI) area, replacement of these failure-prone brazed joint contact wires is ongoing. Approximately 554 km (70%) of the total 794 km of such contact wire have been replaced. Replacement on main lines has been completed, with work continuing on yard lines and goods lines. During the financial year 2024–25, 20.63 km of brazed joint contact wire was replaced.



C. Replacement of corroded contact wire:

The condition of TRD assets deteriorates significantly due to chemical pollution discharged by factories near railway tracks. To improve reliability, identified corroded contact wires in these polluted areas are being replaced in a phased manner. During the year 2024–25, 23 km of corroded contact wires were replaced.

D. Replacement of corroded cantilever Assembly:

Severe effects of chemical pollution on TRD assets have been observed in various sections of Northern Railway due to industrial effluents from factories located near the tracks. This pollution causes rusting of cantilever assemblies in affected areas. Consequently, these rusted cantilever assemblies are regularly surveyed and replaced. During the year 2024–25, a total of 5,364 rusted cantilever assemblies were replaced in polluted zones.

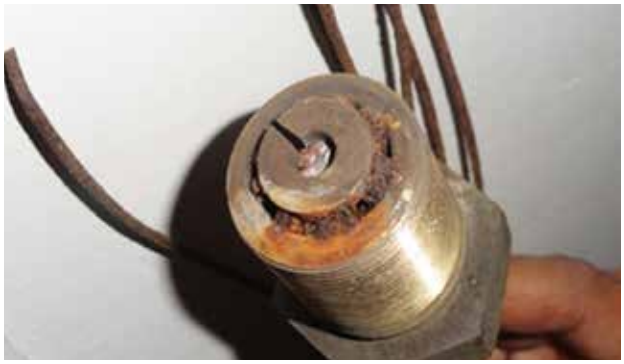




E. Replacement of corroded steel anti creep wire:

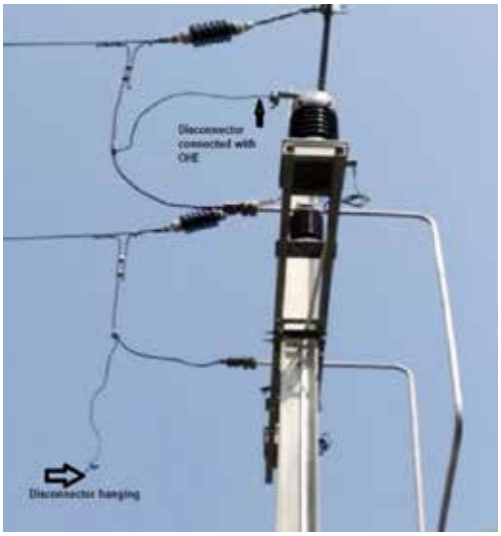
Steel anti-creep wires are also subject to corrosion and increased risk of failure due to chemical pollution from nearby factories across various sections in all divisions of Northern Railway. To address this, corroded steel anti-creep wires are being replaced with copper catenary wires. During the financial year 2024–25, 435 corroded steel anti-creep wires were replaced with copper catenary wires.





F. Provision of Disconnectors on Lightning Arrestors (LA):

In the event of a Lightning Arrester (LA) failure on the line, the line remains energized until the faulty LA is identified and physically isolated, often causing significant traffic interruptions. To prevent this, disconnectors are being installed to automatically disconnect the LA from the Overhead Equipment (OHE) upon failure. This ensures uninterrupted traffic flow and allows for much faster restoration. Additionally, the device provides a visual tell-tale indication to identify the failed LA quickly. A drive was launched to equip all gantry LAs across Northern Railway with disconnectors. During the financial year 2024–25, 800 disconnectors were installed on gantry LAs in accordance with RDSO's revised SMI TI/MI/0048 Rev-2. This initiative will help reduce OHE failures caused by LA malfunctions.



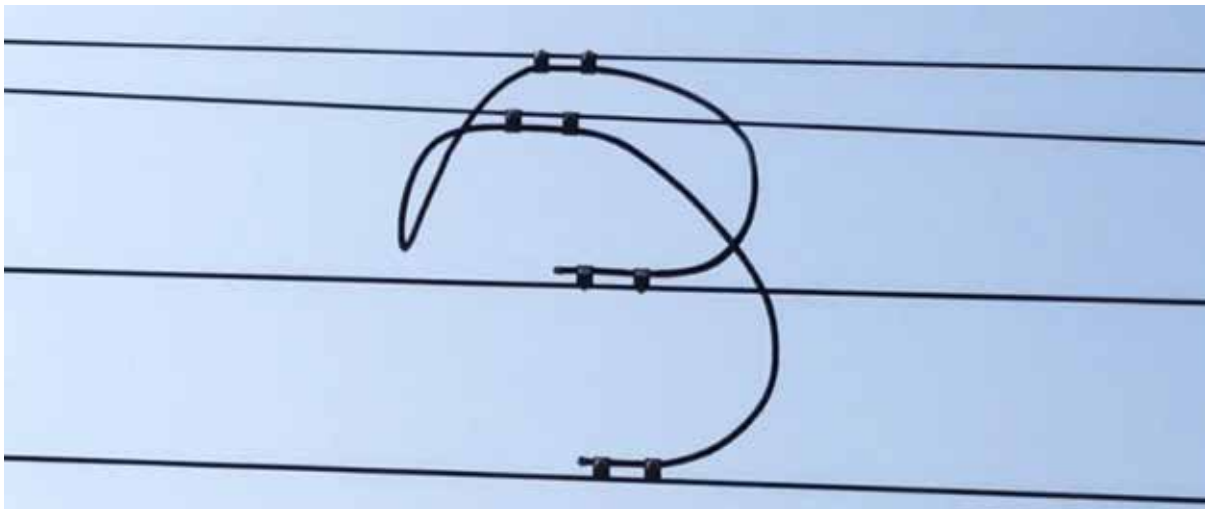


G. Enhancement of OHE capacity: To improve the reliability of TRD assets, the following actions have been undertaken to enhance OHE capacity and reduce incidents of OHE parting from PG clamps of G-jumpers, isolator jumpers and drop jumpers, especially in high-density sections and Vande Bharat routes:

i. Replacement of 105 sq. mm drop jumpers with 160 sq. mm drop jumpers at isolators, along with increasing the number of PG clamps from 4 to 6 to enhance the contact area for better current transfer. During the year 2024–25, 1,146 isolators received 160 sq. mm drop jumpers. Work on main lines has been completed and replacement is ongoing in yard lines.



ii. Provision of 160 sq. mm jumper wire as G-jumper on UIOL in the first subsector of TSS, replacing the earlier 105 sq. mm jumper wire to increase current carrying capacity. This upgrade was implemented at 552 locations during the year 2024–25. Additionally, cross-type connected G-jumpers are being installed throughout the entire section to enhance the current transfer path between two OHE lines.



iii. Provision of 105 sq. mm G-jumpers on both sides of UIOL in high-density single-line sections to increase the current transfer path between two OHE lines. This has been implemented at 549 locations during the year 2024–25.

4.11.2 Power Supply System Improvement:

S N	Item No.	Target for 24-25	Performance					Best Ever	
			20-21	21-22	22-23	23-24	24-25	Figure	Year
	SYSTEM IMPROVEMENT								
1	AMF Panel on DG sets more than 100 kVA.	-	02	01	04	02	04	04	24-25
2	Maintenance free earthing	-	04	82	8	547	497	547	23-24
3	Pre- paid meters within vender's premises	6175	-	18	200	301	1076	1076	24-25
4	11/.750KV EOG external power supply system	-	-	-	4	47	10	47	23-24

4.12 Reliability

4.12.1 OHE MEASURES TO ENHANCE RELIABILITY OF OHE DURING 2024-25:

A number of measures were taken to improve reliability of OHE during 2024-25, which are as under:

A. Checking of PG Clamps & Joints Using Thermo-Vision Camera: To enhance the reliability of Track and Rolling Stock Depots (TRD) assets through predictive maintenance, regular thermo-vision inspections are conducted. These inspections are performed half-yearly for Overhead Equipment (OHE) and quarterly for Power Supply Installation (PSI) equipment to detect and address potential failures or incipient faults proactively.

During the year 2024–25:

- A total of 26,316 kilometers of OHE and 4,268 PSI installations (including Traction Sub-Stations (TSS), Sectioning Posts (SP) and Sectioning and Paralleling Posts (SSP)) were inspected using thermo-vision cameras.
- 28 hot spots were identified during these inspections.
- All detected hot points were promptly attended to by arranging necessary power blocks for safe rectification.





B. Provision of contact wire in place of catenary wire under over line structures (FOB/ ROB): To prevent catenary wire parting caused by falling foreign materials from Foot Over Bridges (FOB) and Road Over Bridges (ROB), RDSO recommended replacing the catenary wire with contact wire beneath these structures. During the year 2024–25, this replacement was carried out at 118 locations.



C. Provision of Retro- reflective Sigma Boards before signal: To enhance Loco Pilots' awareness of approaching stop signals, retro-reflective Sigma boards and Sigma strips are regularly installed on the two masts behind stop signals in electrified territories. During the year 2024–25, retro-reflective Sigma boards were provided at 699 locations.





D. Replacement of Aluminium Cross Feeders: During the financial year 2024–25, eight cross-feeders were replaced with 150 sq. mm copper cross-feeders along with their drop jumpers at switching posts.





E. Replacement of old designed failure prone RRA clamps: To arrest the cases of contact wire parting due to sharp edges in old designed RRA clamps, a drive was launched to replace these with modified RRA clamps in phased manner. During the year 2024-25, 899 nos. sharp edge RRA clamps were replaced with modified RRA clamp. This shall improve the reliability of system.





F. Major Schedule of OHE: 10794 TKM major schedule of OHE i.e. IOH/POH carried out during the year 2024-25.

G. Checking of Turnout & Cross over: 10071 nos. Turn-out & cross-over on main line & yards were checked during the year 2024-25 to avoid Panto-entanglement.





H. Maintenance of ATD: AOH/POH schedule of 26943 Nos. ATD were carried out during the year 2024-25.

I. Live line checking: Total 18038 RKM Live line checking of OHE by 8-wheeler Tower Wagon was carried out during year 2024-25.

J. Current Collection Test: To improve the reliability of OHE 15859 RKM Current collection test with Oliver G has been carried during year 2024-25.

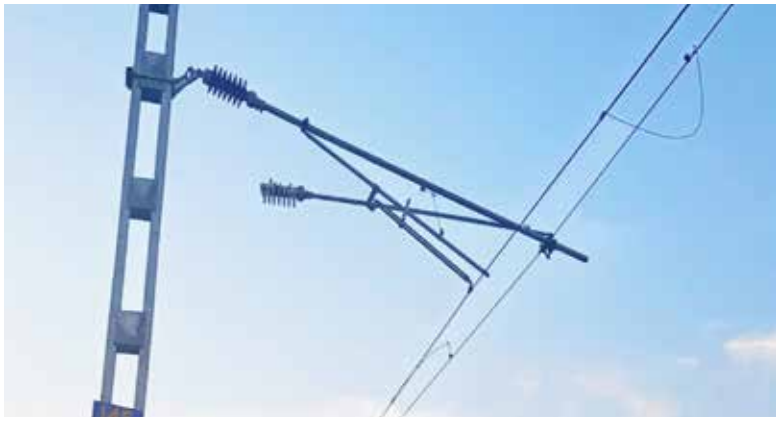
K. Maintenance of gantry: Annual scheduled maintenance of 620 Nos. gantries of switching stations was carried out during year 2024-25 covering feeders, PG Clamps and provision of bimetallic strips etc.



L. Cleaning of Insulators: As a measure to improve the reliability of OHE by arresting CB tripping 43073 Nos. insulators have been cleaned in polluted areas and 410979 Nos. insulators have been cleaned in normal areas as a regular exercise during the year 2024-25.

M. Porcelain Insulators replacement: To improve the reliability of OHE system in vandal prone zone 882 Nos. porcelain insulators were replaced by composite type insulators during the year 2024-25.





N. Provision of missing/damaged traction bonds: To improve the safety by limiting rise of rail potential and reliability of system, provision of traction bonds are regularly ascertained and their tightness is ensured during foot patrolling. 35313 Nos. missing/damaged traction bonds were replaced provided during the year 2024-25.

O. Provision of PVC pipes as anti-bird measures: There is problem of Bird nest formation in fabricated Drop Arms. To arrest the CB tripping and failures due to bird nest, PVC pipes were provided on 496 nos. fabricated drop arms of portals as anti- bird measures during the year 2024-25.





P. Provision of circular disc on cantilever in identified birding areas as anti-bird measures: To arrest the cases of insulator failure/OHE tripping due to birding on cantilever assembly, circular disk has been provided on cantilevers as per RDSO's SMI TI/MI/0059 at 671 nos. locations in identified birding areas during the year 2024-25.

Q. Provision of Anti monkey climbing device on OHE portal & mast: There is problem of OHE failure due to electrocution of Monkeys climbing on mast and portals in monkey prone areas. To arrest the CB tripping and failures due to monkey electrocution, Anti monkey climbing devices were provided on OHE mast and portals at 3293 nos. locations in identified monkey prone areas during the year 2024-25.





R. Tree Trimming: To improve the reliability of OHE, 161680 Nos. trees branches close to OHE were trimmed during the year 2024-25 to maintain safe clearance of 4 meters with OHE.





S. Annual Relay testing & calibration of 82 Nos. TSS was carried out during the year 2024-25.

T. Earth Pit resistance checking:10646 Nos. earth pit resistance values have been checked to improve the reliability of OHE during the year 2024-25.

U. Checking healthiness of LA: 2367 Nos.LAs were checked for healthiness by Leakage current monitor during year 2024-25.

V. Replacement of old SS wire rope of ATDs more than 9 years old: 2187 Nos. SS wires of ATDs were replaced due to over aged more than 09 years during the year 2024-25.

W. Provision of sacrificing mast in loading/unloading sidings: 236 Nos.sacrificing masts have been provided in loading/unloading sidings during the year 2024-25.

4.13 Power Supply Reliability:

4.13.1 7216 mtrs. Overhead conductor replaced by the underground cable at various Railway station/colonies over Northern Railway to ensure safety, reliability & smooth working of power supply to railway installations and colony as well.

4.13.2 70,762 meters 4 Core LT cable has been laid at various locations over Northern Railway for improvement in the reliability of power supply arrangement.

4.13.3 Over head line conductors at 27 nos. stations (DLI-1,FZR-9,LKO-1,MB-8 &UMB-8) over Northern Railway have been replaced with underground cables.

4.14 Green Energy Initiatives:

4.14.1 1160 Kwp Power Plant:

During FY 2024–25, 606.19 kWp of grid-connected rooftop solar power plants were installed across various service buildings and railway stations on Northern Railway. Till date, a total

capacity of 24,816 kWp of rooftop solar installations has been commissioned under both RESCO and CAPEX modes across Northern Railway premises.

These solar power plants generated 15.564 million units (15.56 Lacs units) of electricity in the last year, resulting in:

- Cost savings of approximately Rs. 7.96 Crores
- Reduction of 12,765 tonnes of CO_2 emissions annually.





4.14.2 Remote controlling and monitoring of the ACs in the relay rooms.

21 nos. devices for Remote Controlling of ACs have been installed at S&T installations (Relay Rooms) in Moradabad Division for efficient and economic operation of installed ACs.

4.15 Economy Measures

4.15.1 Economy Measures of Power Supply:

Provision of LED tube lights (lamp) in place of high wattage fittings:

8155 LED fittings in place of place of high wattage fittings have been provided at various Railway station buildings.

- 10.1.2 11KV/750V EOG External power supply on 10 Nos. Washing lines have been successfully operated at various depots over Northern Railway (DLI-01, LKO-02, FZR-05 & MB-02). This External power supply is fed to EOG LHB Rakes from CSS during daily repair work in washing line and sick line. With its commencement, there will be no air pollution in daily repair work.

4.15.2 TRD: OHE Economy in Traction Energy Bills:

Open Access Status in Northern Railway:

Northern Railway is availing cheaper traction power through Open Access in the states of Haryana, Delhi, UP & Punjab directly from Generators. With this 92% of the total power requirement of Northern Railway has come under Open Access.

- Total saving on traction energy bill through open access in NR during the FY 2024-25 is approx. Rs. 530 Crs. up to Mar'25 for UP, Delhi, Haryana & Punjab states.

4.15.3 Economy (Loco):

- **Scrap disposal:** Electric loco sheds disposed off a total of 863.523 MT ferrous scrap, 33.184 MT non-ferrous scrap and 243 nos. empty drum & 539 nos. loco battery during FY 24-25 against the targets of 420 MT ferrous scrap & 11 MT Non-ferrous scrap.

4.15.4 Economy (Diesel)

- **Scrap disposal (MT):**

Shed	Target	FERROUS	NON-FERROUS	Total
TKD	750 MT	409.11	5.40	**414.51**
LDH		512.78	25.1177	**537.8977**
AMV		133.78	11.662	**145.442**
TOTAL		**1055.67**	**42.1797**	**1097.8497**

- Alco loco condemnation: During 2024-25 NR Diesel sheds have finalized the condemnation of 52 Alco class Diesel locomotives which is Second Highest during the last 10 years.

4.16 Staff Amenities

4.16.1 Power Supply:

Rewiring of staff quarters: Rewiring has been done for 1353 nos. (DLI-480, FZR-106, LKO-65, MB-510 & UMB-192) staff quarters.

4.16.2 Diesel wing:

Water pipeline laying work and work of a new boring of deep tube well at Diesel Shed AMV of NR is under progress to cater the need of fresh drinking water in Diesel Shed premises.

4.17 Manpower Planning:

4.17.1 General Power supply:

Bench Marking	Staff per 1000 units (on Roll)
IR average	0.13 (2021-22)
Northern Railway	0.11

4.17.2 TRD:Position of TRD Staff on roll for 2024-25 is as under:

Item	TRD (Staff on roll per TKM)
Staff required as per revised yardstick:	0.22 Non Sub-urban area 0.42 Sub urban area
TRD Staff in N. Rly.	0.20 Non Sub-urban area 0.40 Sub urban area

4.17.3 Division wise staff position over NR is as follows:

Items		DLI	FZR	JAT	LKO	MB	UMB	Total
Electrified RKM		1551	1211	578	1462	1408	1038	7248
Electrified TKM		3654	1921	965	3445	2840	2183	15008
Sanctioned strength of staff		982	379	240	715	668	497	3481
Staff On Roll		914	311	205	689	584	375	3078
Manpower per TKM	Sub urban (Yardstick: 0.42/ TKM)	0.40	-	-	-	-	-	0.40
	Non-Sub-urban (Yardstick:0.22/TKM)	0.19	0.16	0.21	0.20	0.19	0.15	0.20

The Railway Board has revised the benchmarking norm from 0.45 staff per Track Kilometer (TKM) to 0.22 staff per TKM. Presently, the staff-to-TKM ratio on Northern Railway has further reduced to 0.20 staff per TKM.

Despite the reduced staffing levels, maintenance activities are being effectively carried out by the existing workforce without compromising on quality or safety standards. To optimize resources and maintain efficiency, the following non-core functions have been outsourced across all divisions of Northern Railway:

- Maintenance of Power Supply Installations (PSI) assets
- Manning and housekeeping of Traction Sub-Stations (TSS)
- Other non-core activities

4.18 Operations wing:

Vacancy Position and Promotions in Running Cadre:- During FY 2024–25, Northern Railway (NR) inducted 36 Assistant Loco Pilots (ALPs) into the line staff. Additionally, 694 running staff were promoted to higher grades, including 194 promotions from Senior ALP/ Loco Pilot Shunter (LPS) to Loco Pilot Goods (LPG).

Training

- As of 31.03.2025, no running staff on Northern Railway (NR) are overdue for Periodic Medical Examination (PME) or mandatory transportation training.
- Foggy weather operational training has been imparted to all running staff to ensure safe train operations during low-visibility conditions.
- Electric traction training was provided to 373 running staff who transitioned from diesel to electric operations.
- KAVACH system training was conducted for 756 personnel, including Running Staff, Crew Loco Inspectors (CLIs), and Instructors, to enhance safety and operational preparedness.

Shortage of Running Staff

As on 31.03.2025, there are 1,634 vacancies in the running cadre of Northern Railway, representing a shortfall of 11.8%.To address this shortage, the selection process for 1,020 Assistant Loco Pilot (ALP) posts through the Railway Recruitment Board (RRB) is currently underway.

4.19 Training at ETC/GZB, DTC/LDH, DTC/AMV & DTC/TKD

4.19.1 ETC/GZB:

- During FY 2024–25, a total of 208 training courses were conducted against a target of 175, with 7,961 trainees trained across various programs. In comparison, 195 courses were held in FY 2023–24 against a target of 166.
- A special training course on KAVACH technology commenced in September 2024, with 900 trainees successfully completing the program by March 2025.
- A special training program on the WAG-12 locomotive was conducted for 695 trainees in 2024–25. Instruction was provided by ETC/GZB, and examinations were administered by MELPL/SRE.
- A refresher course on WAG-12 locomotives was also conducted for 309 trainees during the year.
- A special training course on T-18 (Vande Bharat Express) was conducted for 433 trainees, while a refresher course on T-18 was imparted to 13 trainees.
- A one-day special simulator course on the operation of the RS (Emergency) Valve for Assistant Loco Pilots (ALPs) was launched on February 25, 2023, and continues to be conducted round-the-clock. As of May 2024, a total of 1,786 ALPs have been trained under this initiative.
- A special training class for escorting staff from C&W and TL-AC departments was organized, with 100 trainees in attendance.
- To recognize and motivate running staff for their outstanding performance, “Star of the Month” appreciation certificates are awarded at the lobby, divisional, and zonal levels. These recognitions are also uploaded on the ETC/GZB website: www.etcgzb.in.
- A quiz program has been introduced to assess and enhance trainee knowledge through interactive learning.
- Safety seminars were conducted at ETC/GZB to raise awareness and improve operational safety among Loco Pilots, with a particular focus on preventing SPAD (Signal Passed At Danger) incidents.
- Yoga and meditation sessions have been initiated at the center to promote mental wellness, focus and efficiency among trainees.
- Counseling sessions on sound sleep and guided relaxation techniques have been introduced to improve the well-being and performance of trainees.
- The procurement of gym and fitness equipment, along with sports and recreational items, is currently underway to promote physical wellness and recreational engagement among the trainees at ETC/GZB.

4.19.2 DTC/LDH

- A total of 41 classes on Combined Diesel and Electric traction were conducted during FY 2024–25, significantly exceeding the target of 21 classes.
- 534 trainees were trained across various courses in FY 2024–25, compared to 1,041 trainees in FY 2023–24.
- An Initial (AIM) training class for the North Western Railway (NWR) Zone was conducted, with 40 trainees successfully completing the course.
- 9 classes of ARM and PRM were organized during the year.
- Two special pre-coaching classes for Junior Engineers (JE) and one class under the Management Development Programme (MDP) were conducted in FY 2024–25.
- A Safety Seminar was held on 20.12.2024, focusing on SPAD (Signal Passed At Danger) prevention, troubleshooting techniques, and driving efficiency for Loco Pilots.
- A Power Point presentation in Hindi on Kavach Technology was developed to raise awareness on safety and technological advancements.
- To improve campus infrastructure, a new garden and motor bike parking facility were constructed during FY 2024–25.

4.19.3 DTC/AMV

- A total of 154 batches of regular and special courses were conducted for running and maintenance staff during 2024–25, with 1,301 trainees completing training across various programs.
- New Electric Locomotive courses were introduced at DTC/AMV from September 2024, providing refresher training to 348 Loco Pilots/Assistant Loco Pilots.
- 37 Assistant Loco Pilots underwent initial training as per the syllabus issued by the Railway Board.
- 250 running staff received training in a Special Course on Automatic Signalling during the year 2024–25.
- Three Safety Seminars were organized on 16.08.2024, 10.12.2024, and 28.02.2025 at DTC/AMV to promote safe train operations and prevent SPAD (Signal Passed At Danger) incidents.
- A Refresher Course for Shed Maintenance Staff was introduced from October 2024, through which 148 maintenance staff completed training.
- To promote mental well-being, a daily session on Yoga and Meditation is conducted before the commencement of classes for running staff.

4.19.4 DTC/TKD

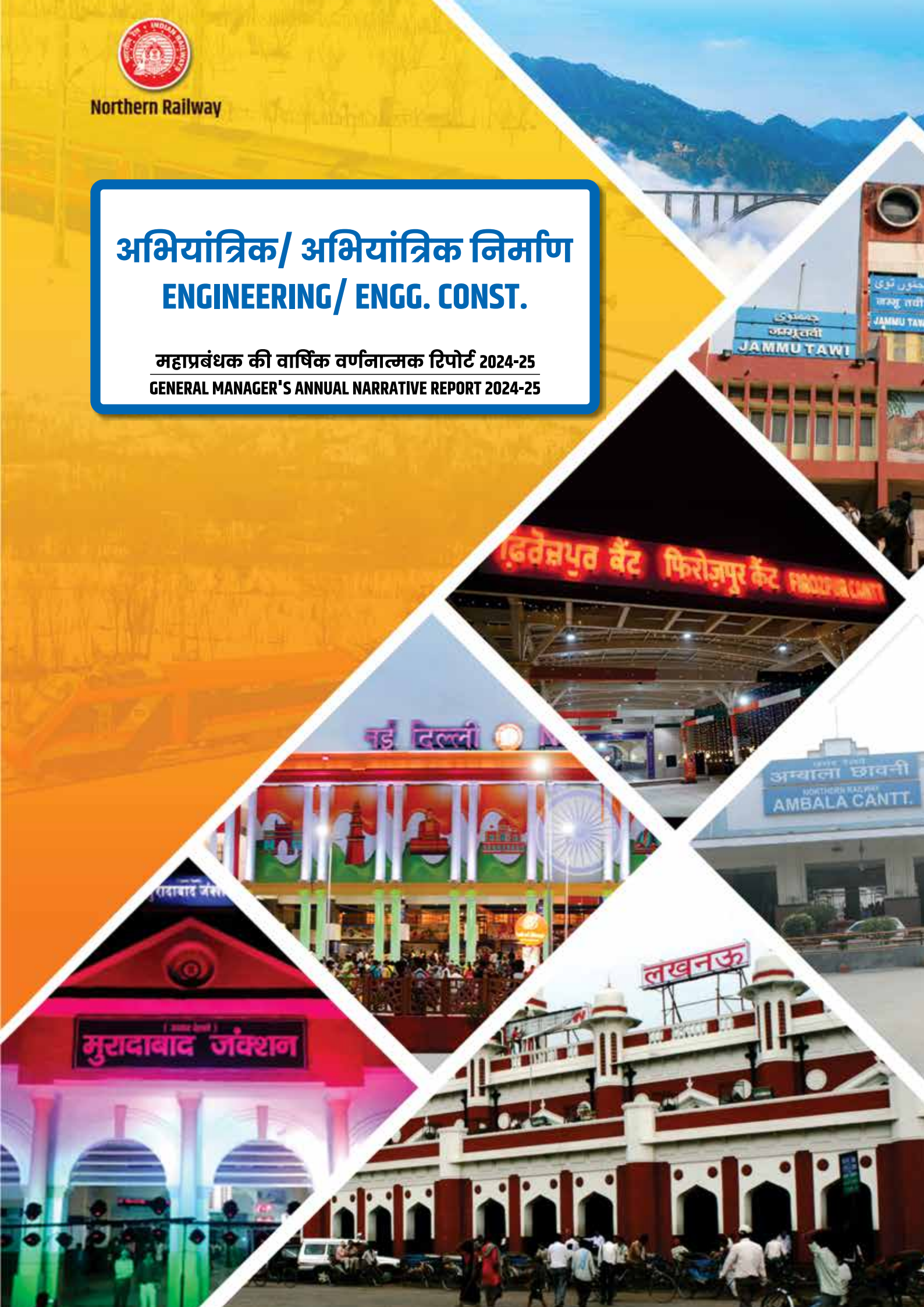
- A total of 610 running staff received training in various courses (AIM, RNG-4, RNG-5, RNG-9, PRM, ARM, and WDG4G/6G) during 2024–25, compared to 1,054 trainees in 2023–24. The reduction is attributed to the combined refresher training for Diesel and Electric traction initiated in September 2024.

- 133 maintenance staff underwent refresher training in 2024–25, compared to none in 2023–24.
- 35 trainees participated in the SC/ST Pre-Selection Course for JE/DSL (Mechanical) during 2024–25, as against nil in the previous year.
- 11 trainees received specialized training for RITES and DFCCIL in 2024–25, with no comparable training conducted in 2023–24.
- 86 trainees successfully completed the Management Development Program (MDP) during 2024–25.
- 42 trainees underwent Industrial Training in 2024–25, up from 18 in 2023–24.
- 39 trainees completed Act Apprentice Training during 2024–25, marking a significant increase from 11 in 2023–24.
- 842 trainees were trained in Overhead Equipment (OHE) during 2024–25, compared to none in the previous year.
- A seminar on the Computer Controlled Brake (CCB) system of locomotives was conducted on 23.04.2025, aimed at enhancing safety awareness among maintenance staff. A total of 30 trainees attended.

Northern Railway

अभियांत्रिक/ अभियांत्रिक निर्माण
ENGINEERING/ ENGG. CONST.

महाप्रबंधक की वार्षिक वर्णनात्मक रिपोर्ट 2024-25
GENERAL MANAGER'S ANNUAL NARRATIVE REPORT 2024-25



CHAPTER - V

GENERAL MANAGER'S ANNUAL NARRATIVE REPORT FOR THE YEAR 2024-25

Para	Subject	2024-25
Para 6.05	Taking over of State Railway	NIL
Para 6.06	Loss to Railway Property: (i) Due to Civil disturbances and violent strikes/bomb blast.	NIL
	(ii) Due to damages caused by floods and cyclones (Repair to slips was done departmentally)	NIL
Para 6.07	Progress in Hindi in Engineering Deptt:-	96%
	The present progress of Hindi in Engineering Deptt. of N. Rly. is about 90 %. All correspondence received in Hindi is replied is Hindi. All Boards at stations, waiting halls and on service buildings are written in Hindi/bilingual. Registers in the Offices are also maintained in Hindi/ in bilingual. Efforts are being made to do as much noting in Hindi as possible and it is being progressively increased.	
Para 6.08	(a) Improvements made in Marshalling Yards and their working	Nil
	(b) Works in Progress in Marshalling yards during 2024-25	Nil
Para 6.09	(A) Works completed during 2024-25 costing Rs.100 lakhs and above:	
	(a) Remodelling & construction of passenger yards.	-
	(b) Remodelling & construction of Goods Yards	-
	(c) Line capacity works	01
	(d) Doubling of lines.	-
	(e) Other works	02
	Total expenditure incurred during 2024-25 =	**Rs. 5.49 Crore**
03 no. works costing Rs. 5.49 Cr. was completed out of which expenditure of Rs. Nil was incurred during 2024-25.		
Para 6.9 (B)	Works in progress during 2024-25 Costing Rs.100 lacs and above	
	(a) Remodelling and construction of passenger yards	30
	(b)Remodelling and construction of goods yards	17
	(c) Line capacity works	41
	(d) Doubling of line	51
	(e)Other Works in progress	86
	Expenditure incurred during 2024-25 > Rs.100 Lakh =	2389.88 Cr.
	Expenditure incurred during 2024-25 < Rs. 100 Lakh =	13.71 Cr.
	Total expenditure incurred during 2024-25 =	2403.58 Cr.
	The total cost of these 225 no. of works is about	65128.83 Crores.

(c) Throwforward in new works costing ₹100 lacs and above under all plan heads during the year 2024-25.

Plan Head (15) Doubling = ₹ 28716.5 Cr.

Plan Head (16) Traffic Facility = ₹18786.26 Cr.

TRACK

NR has total route Kms. as 7477.10 km & running Kms. as 10876.703 Km. Total track Kms. including tracks in yards, sidings etc., stands at 14165.39 Km. About 96.51 % of the route is electrified.

The track network at the end of 2024-25 in comparison with earlier years (2020-21 onward) is shown below:-

Year	Total route kms.		Running Kms.		Total track kms.	
	Electrified	Total	Electrified	Total	Electrified	Total
2020-21	5503.84	7323.29	8284.23	10103.68	10891.41	13395.46
2021-22	6125.26	7330.99	9050.43	10256.16	11817.06	13526.37
2022-23	6613.69	7362.99	9740.02	10489.32	12541.45	13742.40
2023-24	7076.74	7405.59	10373.265	10702.12	13636.319	13957.13
2024-25	7216.25	7477.10	10616.853	10876.703	13777.08	14165.39

Track Renewals:-

At the end of 2024-25 there was an arrear of 1522 CTR units in track renewal. During 2024-25., NR completed 744.00 CTR units of Track renewal against target of 600.00 CTR units.

Track Patrolling :-

NR undertakes monsoon patrolling and manning of vulnerable spots and bridges to ensure safety of track. In addition wherever any crisis comes patrolling and track protection drills automatically come into force. Gang staff are continuously examined and trained in these exercises. Security Patrolling is also being done in PTK-JAT section and JAT-UDM- SVDK being terrorism prone area.

Welded Rails:-

On most of the important routes, rails have been welded into continuous lengths from station to station and smaller lengths of 2 to 3 km. as well. On other routes, short welded rails of 39 m lengths and single rails are adopted. As on 31.3.2025, total length of B.G. welded track on NR was 10522 kms. out of which 9869 kms. is with long welded rails and 653 kms. short welded rails.

State Wise route km:-

The following table shows the breakup of route kms States/Union Territories-wise at the end of 2024-25.

S. No.	STATE (Union Territory)	ROUTE KILOMETRE 2023-24
1	Uttar Pradesh	3089.55
2	Rajasthan	31.17
3	Himachal Pradesh	312.55
4	Jammu & Kashmir	360.56
5	Punjab	2193.42
6	Haryana	1127.32
7	Delhi	187.93
8	Chandigarh (Union Territory)	15.70
9	Uttarakhand	158.90
	Total	**7477.10**

Track maintenance done by Track Machines:-

SN	Item	Progress 2023-24	Progress 2024-25	% Improvement
1	Rail Grinding by RGM (Plain Track)	1045	4703	350 %
2	Rail Grinding by SRGM (Turnout)	578	1122	94 %
3	Maintenance Tamping by MPT	5675	7918	40 %
4	Maintenance Tamping by DTE	6627	6790	2.5 %

Para 7.00

(a) TRACK RENEWAL CARRIED OUT DURING 2023-24 (FIG. IN KMS.)

Target for 2024-25 = 600.00 CTR units

S N	DESCRIPTION	RENEWAL	BG	MG/NG	TOTAL
1	Complete Track Renewal (a) With new material	RR SR	118.11 118.11	0.00 0.00	118.11 118.11
	(b) With second hand material RR	RR SR	79.24 79.24	9.07 9.07	88.31 88.31
2	Through Rail Renewal (a) With new material	RR	611.53	0.00	611.53
	(b) With second hand material	RR	189.92	0.00	189.92
3	Through Sleeper Renewal (a) With new material	SR	216.03	0.00	216.03
	(b) With second hand material	SR	58.51	0.00	58.51
4	Other Misc. Works (P)	RR	0.00	0.00	0.00
		SR	0.00	0.00	0.00
	Other Misc. Works (S)	RR	0.00	0.00	0.00
		SR	0.00	0.00	0.00
	Total in Kms		**1470.67**	**18.14**	**1488.81**
	Total in CTR Units				**744.41**

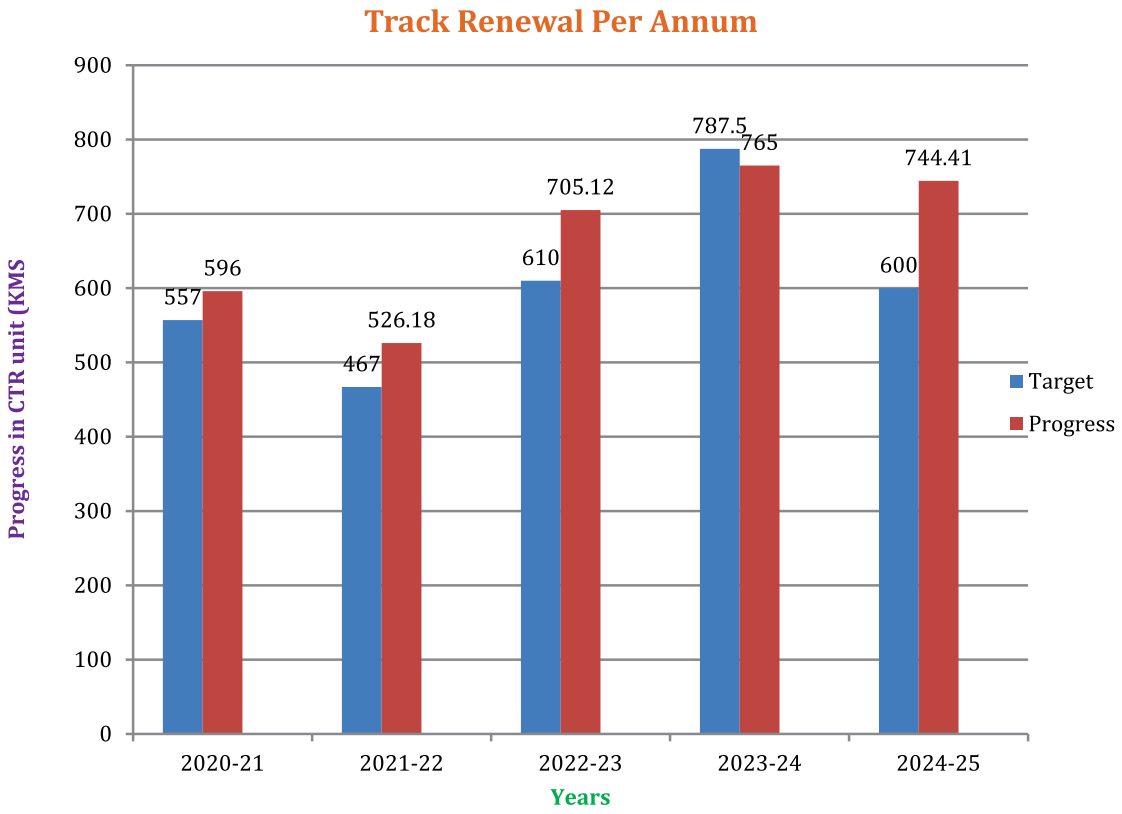


Fig.1

Item Para (7) :- Progress of Track Recording by OMS

MONTH	2020-21	2021-22	2022-23	2023-24	2024-25
TARGET	83287	86988	89942	92665	105517
APR	16482	8011	8148	74400	8576
MAY	14154	13751	7707	11708	8274
JUN	11887	16133	9484	10380	8639
JUL	14035	11455	9253	8625	10265
AUG	14763	4634	9944	9534	9772
SEP	13220	7246	6244	8185	8260
OCT	10295	8351	3018	9198	9465
NOV	10093	7911	6064	9078	10014
DEC	11796	10086	7431	9589	7795
JAN	9592	6596	8579	9887	10193
FEB	7807	16676	8062	8128	7845
MAR	10766	9315	11023	8204	10638
TOTAL	**144890**	**120165**	**94957**	**109956**	**109736**

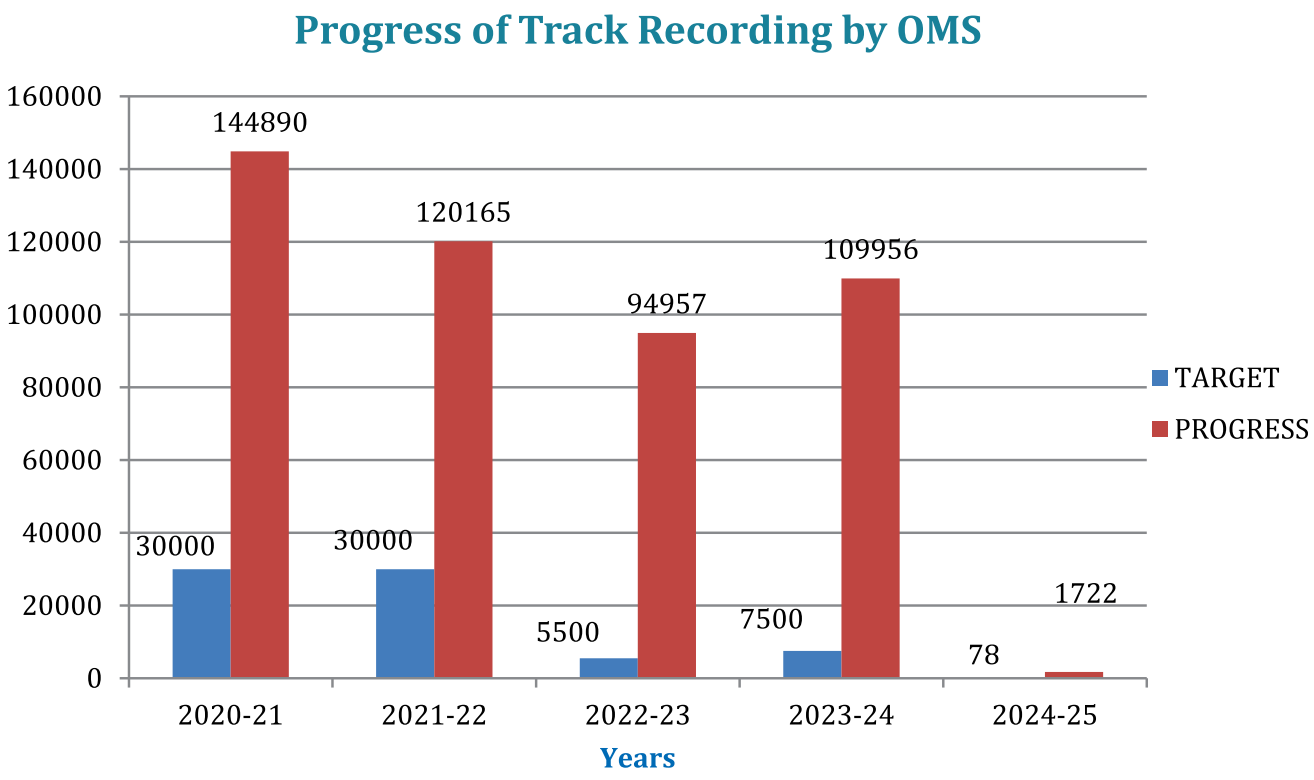


Fig.2

Para 7(B)

Welding of Rail Joints:-

Length of Track Welded in kms. Upto 31.03.2024	Length of Track Welded during 2024-25 (*)		Total length of Welded Track in kms (1+2+3)**
	By thermit welding	By flash Butt Welding	
1	2	3	4
10342 Kms (DOT Cell)	Track Renewal-744.00 TKM		10342 Kms
	47441 (TM Cell)	1722 Joints=11.48	(DOT Cell)

(*) For all welded track provided. Thermit Weld and flash butt welds are provided together in all the kilometres welded.

(**) Welded track provided during 2024-25 was by way of Through Rail Replacement (TRR). All the earlier tracks in the locations were already welded track hence no new addition was made.

PRODUCTION OF FWP/MUT:-

	Stationary Plant	Mobile Plant	Stationary Plant	Mobile Plant	Stationary Plant	Mobile Plant	Stationary Plant	Mobile Plant	Stationary Plant	Mobile Plant
YEAR	2020-21		2021-22		2022-23		2023-24		2024-25	
YEARLY TARGET	24000	6000	24000	6000	0	5500	0	7500	0	78
APR	295	0	988	1421	0	1843	0	144	0	88
MAY	1283	877	176	1619	0	838	0	282	0	20
JUN	2401	956	57	2116	0	733	0	495	0	643
JUL	2491	705	112	1301	0	879	0	1040	0	194
AUG	2139	2552	0	397	0	1193	0	1024	0	191
SEP	1340	2304	0	354	0	572	0	324	0	496
OCT	2870	1878	0	673	0	608	0	39	0	12
NOV	2155	1501	0	687	0	443	0	446	0	0
DEC	1770	1347	0	553	0	1580	0	797	0	0
JAN	0	1510	0	357	0	933	0	651	0	0
FEB	0	2305	0	1128	0	686	0	206	0	0
MAR	0	2661	0	1719	0	0	0	144	0	0
TOTAL	16744	18596	1333	12325	0	10308	0	5592	0	1722

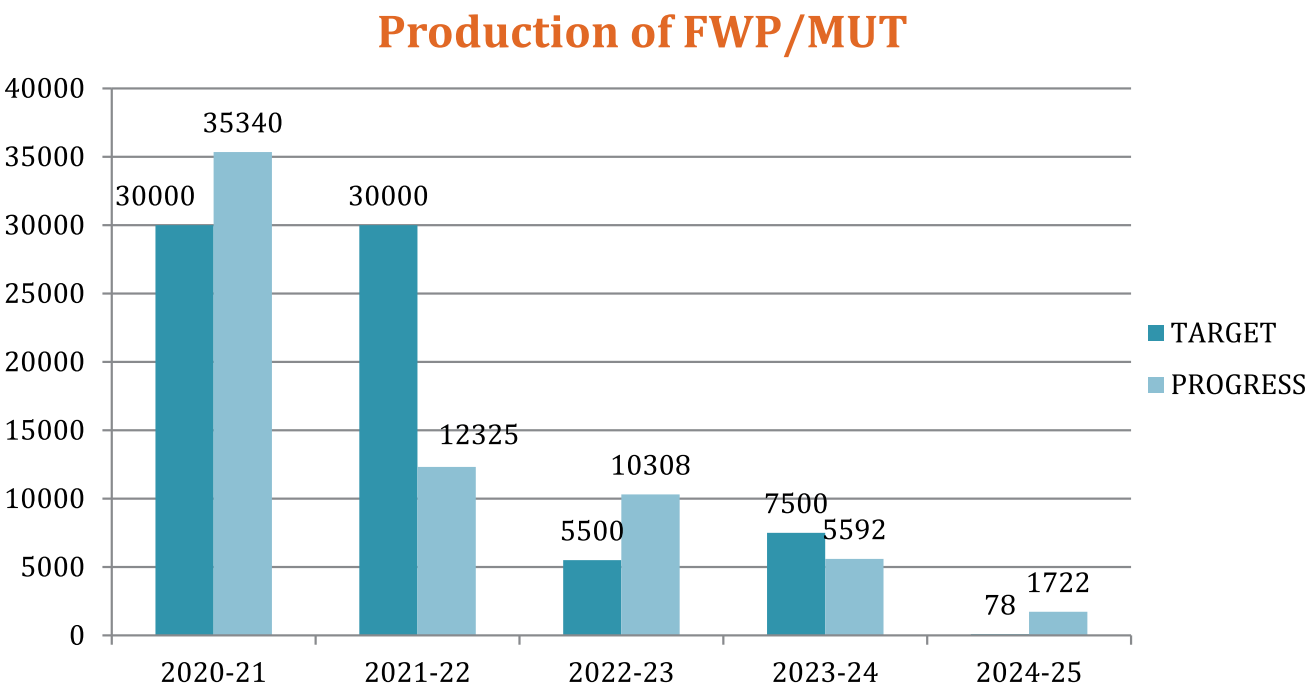


Fig. 3

Progress of Ballast Procurement During Last 5 Years		
Years	**Target**	**Progress**
2020-21	1050000	792291
2021-22	1000000	979860
2022-23	1030000	1009733
2023-24	1603250	855668
2024-25	1100000	966977

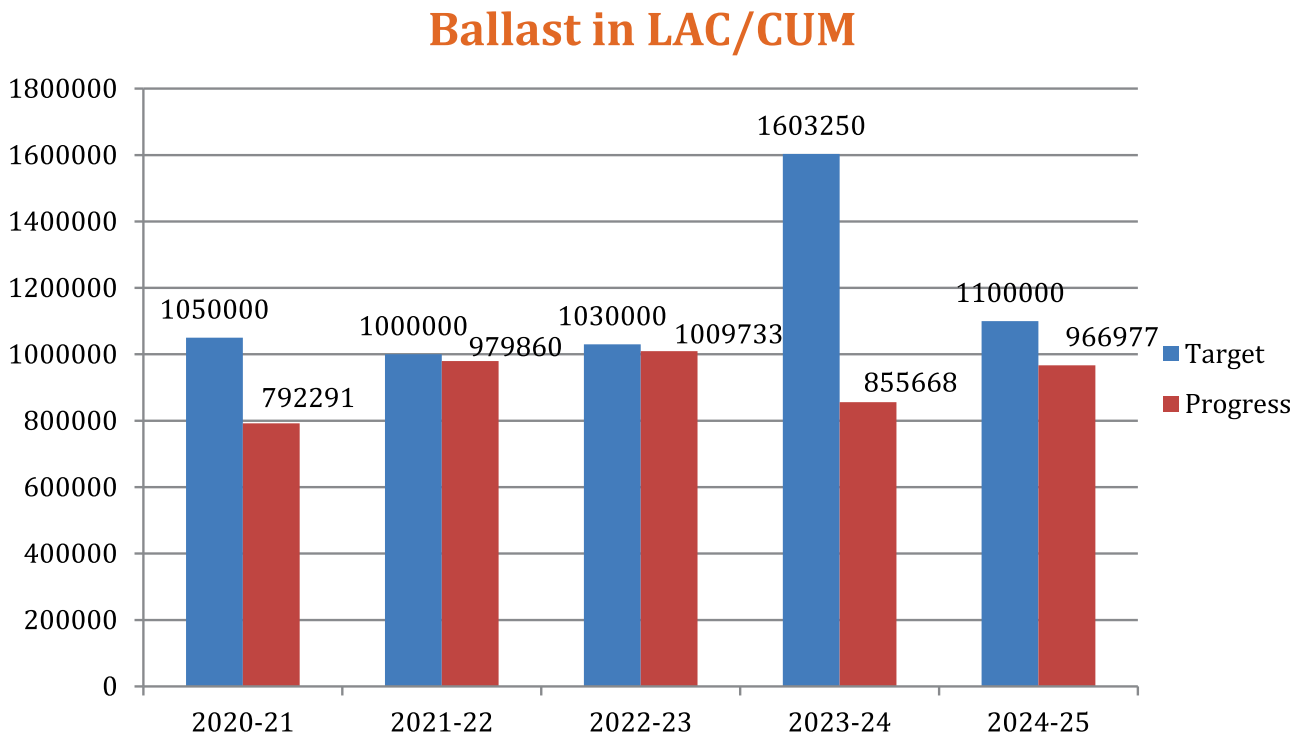


Fig. 4

CONCRETE TURNOUT SLEEPERS

Turnout Concrete Sleeper is technically the best suited sleeper for high speed trains, having traffic density routes and track circuited areas. Northern Railway has total of 10298 Nos. turnouts of all types on Main Line (BG) out of which 10254 Nos. are PSC (99.57%) and 5334 Nos. turnouts on Non Running Lines (BG) out of which 5228 Nos. are PSC (98.01%). In addition to this there are 2511 Nos. Derailing Switches are 306 Nos. Diamonds and Scissors. These are also being replaced with PSC Layout. The ultimate target is to lay 100% PSC turnouts on main line. Therefore, efforts are being made to produce maximum number of turnout concrete sleepers and lay them on the track as per the sanctioned works. The yearly production of turnout sleepers of last 5 years is given as under:-

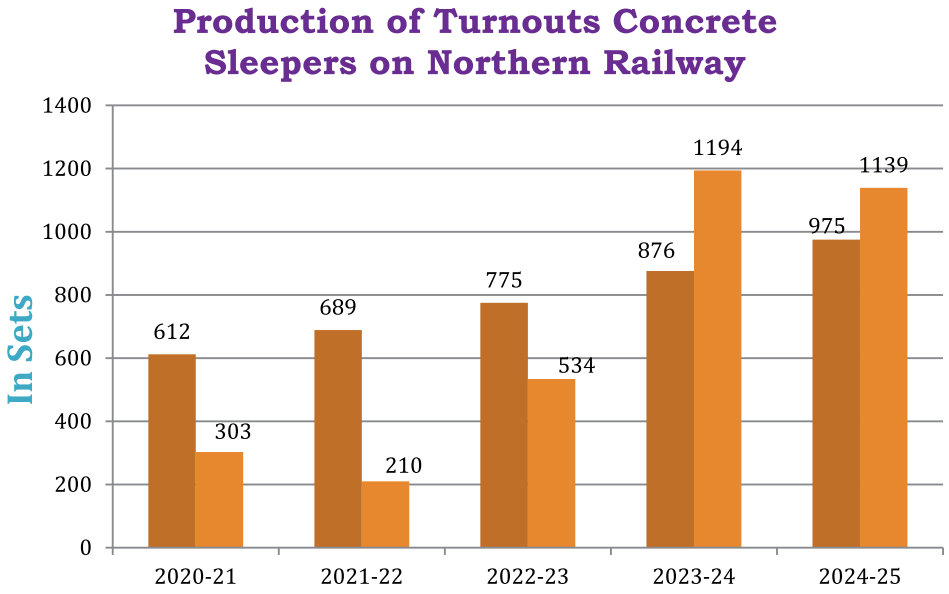


Fig. 5

CONCRETE SLEEPERS

Concrete Sleeper is the most economical and technically best suited sleeper for high speed trains, heavy traffic density routes and track circuited areas. Northern Railway has total of 10616 Kms of main line out of which 10616 Kms are on PSC (100%). The ultimate target is to lay 100% PSC on main line. Therefore, efforts are being made to produce maximum number of concrete sleepers and lay them on the track as per the sanctioned works. At present 9 concrete sleeper plants producing line sleepers and special layout sleepers. The yearly production of line sleepers of last 5 years is given as under:-

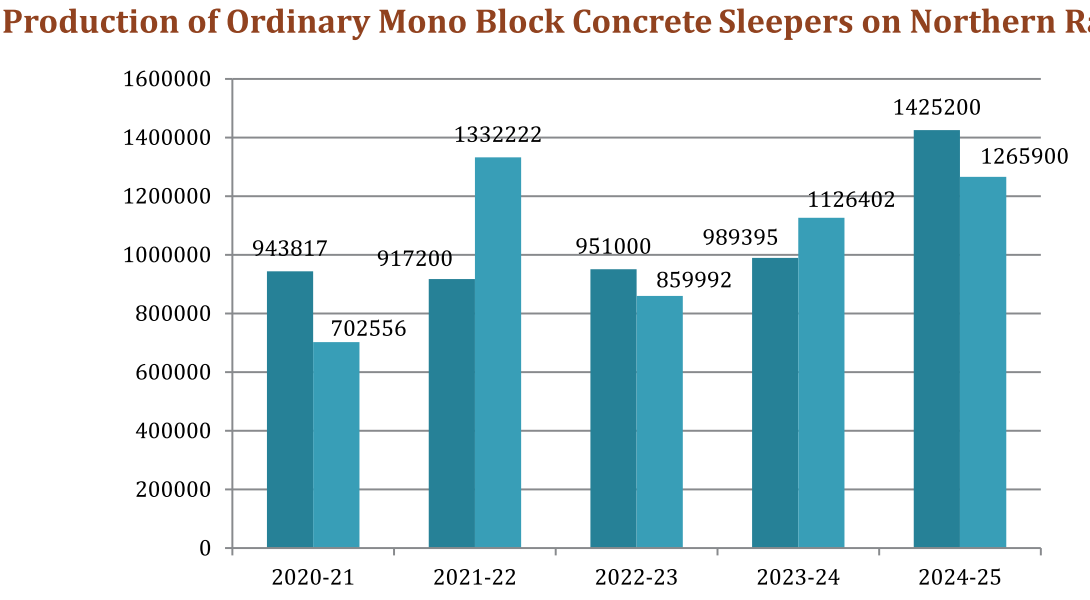


Fig. 6

7.01 BRIDGES & TUNNELS:-

Bridges:-

1. Bridges Statistics:-

The total numbers of bridges on Northern Railway are 22389. out of which 67 Nos. are important bridges, 1575 are Major bridge and balance 20747 Nos. are minor bridges.

2. Waterway under bridges:-

Statement of waterway under various categories as on 31-3-2025 is given below:

S.N	Bridge category	B.G.	M.G.	N.G.	TOTAL
1	Important bridges	33733m	-	1435 m	35168 m
2	Major bridges	68913 m	-	4280 m	73183 m
3	Minor bridges	39272 m	-	2670 m	41942 m
	Grand Total				**150293 m**

3. Bridge works completed during 2024-25 :-

Rebuilding /Rehabilitation of Bridges	351 Nos.
b) Removal of Permanent Speed restriction	0

Progress of bridge works (Cost wise):

POSITION OF EXPENDITURE DURING 2024-25 UNDER PLAN HEAD BRIDGE WORKS UPTO THE END OF MARCH-2025:-

Year	Allocation	Final Budget Allotment for the year 2024-25 (IN CR.)	Expenditure for the year 2024-25 (IN CR.)	Percentage of Expenditure	Remarks
2024-25	Total	252.94	242.83	96.00%	

Performance of bridge Workshop during 2024-25

Fabrication of steel structure = 10638 MT against the target of 11600 MT.

Tunnels:

Statement of length of tunnels for track as on 31-3-2025 is given below:

Gauge	BG	MG	NG	Total
Length of tunnel as on 31-3-2025	76851.03 M	-	8631.30 m	85482.33 m

7. Performance of Erection works during the year 2024-25 of erection of Steel:

= 4300 MT against the target of 2633.09 MT.

8. Fabrication of steel structure other than girder bridges:

= 6301 MT against the target of 3500 MT.

Productivity achieved:

= More than 1.0 against the target of 1 MT/man/month.

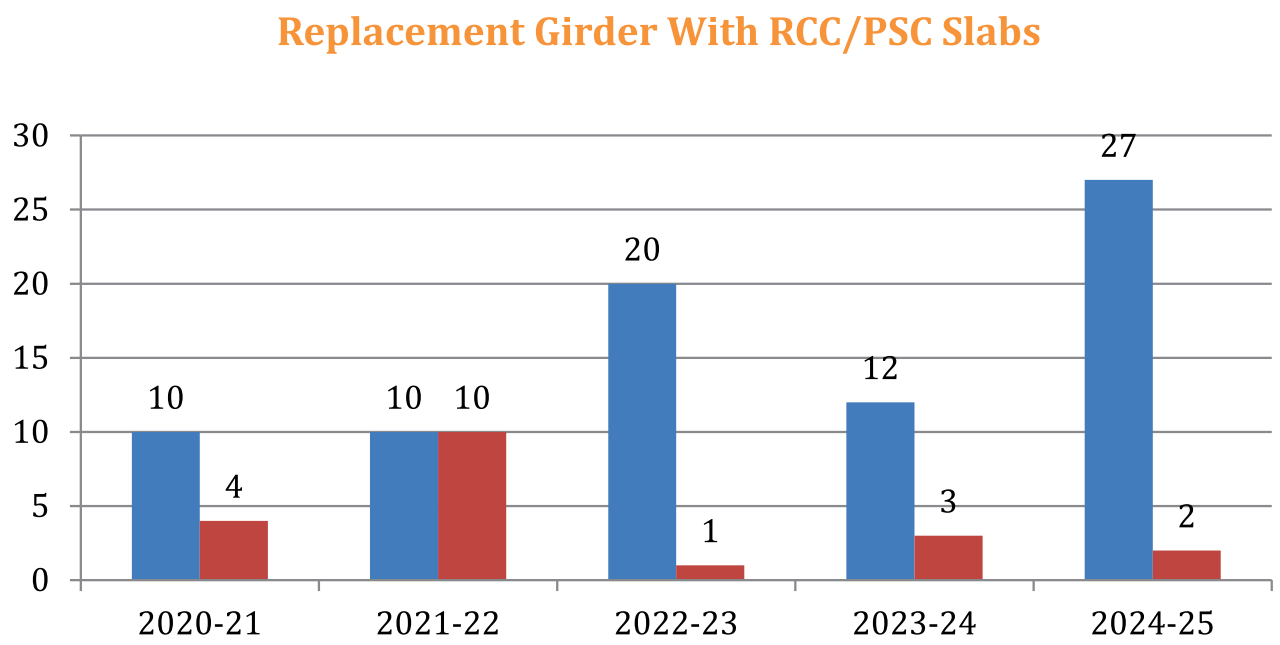


Fig. 7

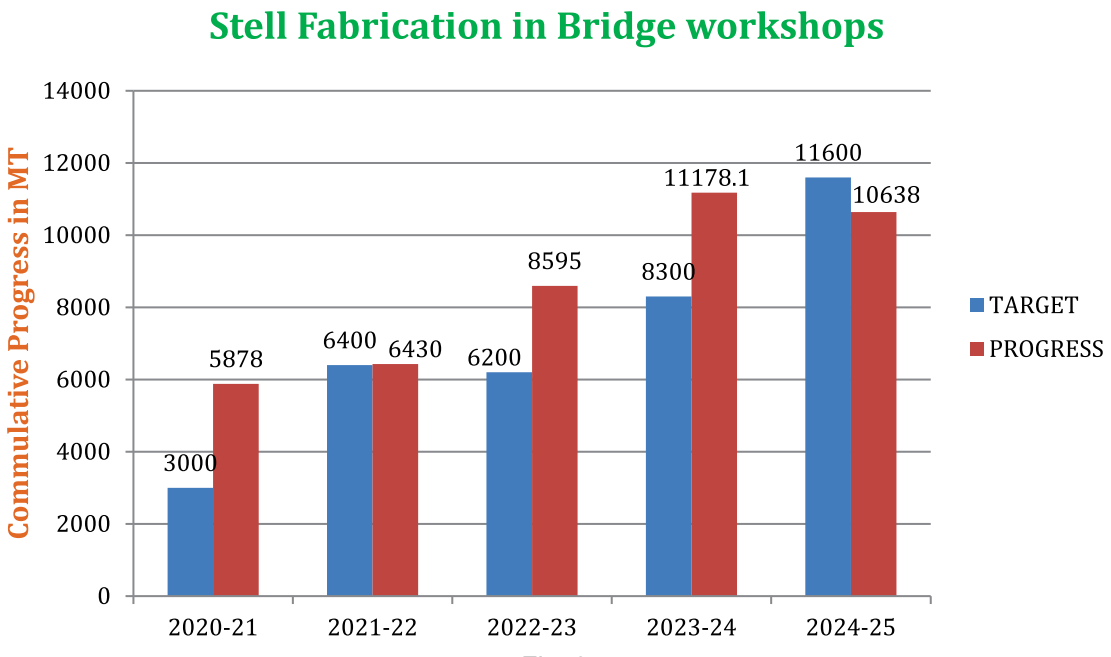


Fig. 8

QUARTERS :-

Para 7.02

Provision of Quarters

Class of Quarter	No. of Qtrs. as on 31.03.2025
I & II	51310
III	2983
IV	1479
V & above	673
No. of barracks	3753
Total	**60198**

These figures include substandard Quarters also.

Para 7.03

(a) No of over and under bridges constructed in replacement of Unmanned level crossings (UMLC's) in 2024-25 = Nil

(b) No. of over and under bridges constructed in replacement of Manned level crossings (MLC's) during 2024-25 = 71 Nos.

LEVEL CROSSINGS:-

(c) Total no. of level crossings under various classifications over NR as on 01.04.2025

S. N.	Classification of Level Crossings	Number of level Crossings 01.04.2025.
1	Special class	392
2	`A' class	252
3	`B' class	266
4	`C' class / Manned	1687
5	`C' class / Unmanned	0
6	`D' class	0
7	Canal/Manned	0
8	Canal/unmanned	0
9	Siding manned	05
10	Siding unmanned	0
	Total	**2602**

SN	Items	2024-25
1	No. of level crossing manned	0
2	No. of level crossings where additional man provided without upgrading	11
3	No. of level crossings upgraded	133
4	No. of level crossings provided with lifting barriers	04
5	No. of level crossings where traffic census has been taken	1097
6	No. of level crossings down graded	0
7	No. of level crossings de-manned	0
8	Assisted and private sidings commissioned	0
9	Railway over and under bridges constructed	117
	Total	**1362**

Table-'C'

S N	Items	Length of Over/Under bridges (Meter) As on 31.03.2025.
01.	FOB	29819
02.	ROB	16666
03.	RUB	12338

Floods & Breaches:

Para 7.04	Floods and breaches occurred during 2024-25 Monsoon.	06
Para 7.05	Review of works done by special organization set up on this Railway and review of Railway Bridges	NIL
Para 7.06	Review of works made by joint committee of Engineers (Railway and State) in the Railway and other Public affecting works.	NIL
Para 7.07	Progress made in connection with implementation of scheme for enlisting co-operation of villages in communication timely information regarding heavy rains and floods etc.	District Magistrates of the districts of all Divisions of Northern Railway requested to instruct their staff to have close coordination with Rly. Officials. Their attention in that respect is being drawn every year by divisions.

PASSENGER AMENITIES:-

PARA 8.00: Amenities for Passengers:

Total no. of stations including halts opened for passengers during 2024-25 =
(Pertain to Commercial).
Waiting rooms and Waiting halls provided for passenger during 2024-25 =
(Pertain to Commercial)

	Gents	Ladies	Combined
For 1st Class Passengers	-	-	-
For 2nd Class Passengers	-	-	-
For 1st & 2nd Class Passengers	-	-	-

PARA 8.01 : Covered and raised platforms 2024-25:-

SN	Division	(PF Shelter) No. of stations provided with covered platforms during (2024-25)	High level Platform provided during (2024-25)
1	Ambala	18	05
2	Delhi	03	16
3	Firozpur	11	05
4	Luck now	21	14
5	Moradabad	-	01
	Total	**53**	**41**

Upgradation of stations:-

Work completed at Amrit Bharat stations during 2024-25 = 20 nos.

(Works at 5 stations are completed in all respect and at other 15 stations soft upgradation works completed except 12m wide FOBs.)

Work in progress in Amrit bharat stations during 2024-25 = 116 Nos. (60 Target)

Divyangjan facilities:-

Divyangjan facilities provided at stations during 2024-25= 20 Nos. (Divyangjan completed station).

PARA 8.02: Water softener and water purification schemes:-

Automatic Chlorinator: Automatic Chlorinators have been provided at all pumping locations in all divisions of Northern Railway.

Filtration Plant: - Filtration plants at Kalka & Uklana (of UMB Division) have been overhauled by Agency of Division during the years .

Rain Water Harvesting: - 47 nos. of Rain Water Harvesting were installed during the year for recharging of underground water. Total progress of RWH upto 31.03.2024 over Northern Railway is 466.

PARA 8.03 :

Amenities for passengers : Foot Over Bridges:-

Work completed during 2024-25 = 20 Nos.

Works in progress during 2024-25 = 50 Nos. (Target)

PARA 8.04:

Nos. of stations where bathing facilities for passenger travelling in 2nd class exists including halt stations where hand pumps/water tanks have been provided = 1014 Stations.

PARA 8.05:

Passenger amenities works during 2024.25 :

a) Works completed during 2024-25 (costing Rs. 100 Lacs) and above = 27 nos.
Total expenditure incurred during 2024-25 = ₹ 1.42 Cr.

b) Works in progress costing during 2024-25 (Costing Rs. 100 Lacs) and above = 624 nos.
Total expenditure incurred during 2024-25. = ₹ 1497.40 Cr.

Schedule of expenditure of Development funds:-

(Figure in Crore of Rs.)

SN	Particular of works	2024-25
1	Platforms	105.06
2	Water Supply arrangements	20.60
3	Goods shed	104.99
4	Waiting/retiring room facilities	11.39
5	Transfer Facilities	210.98
6	Sanitation	30.57
7	Station building & circulating Area	974.06
8	Other users amenities	39.74
	Total Exp. incurred in Rly. Board/GM power works	1497.40
	Exp. incurred in DRM/LS Power works	75.19
	Grand Total	**1572.59**

LAND MANAGEMENT:-

PROFORMA 'A'

Tree Plantation (in Thousands):-

Target for 2024-25 = 10 Lac

Name of State	Total no. of Tree Surviving as on 01.04.24	Total no. of Trees Planted on Rly. Land 2024-25			Total land handed Over to Forest Deptt. (Hectares)	
		Deptt.	Forest Deptt.	Total	During Year	Total up-to date
Rajasthan	4138	1652	0	1652	0	0
Haryana	564727	134702	6508	141210	0	480
Punjab	427904	251826	30219	282045	0	350.61
Delhi	244177	27937	0	27937	0	0
U. P.	682432	416723	10964	427687	31.03	2646.76
H. P.	151875	24281	1352	25633	0	0
J&K	54914	27785	0	27785	0	0
Chandigarh (UT)	40481	26592	0	26592	0	0
Uttrakhand	115585	60295	0	60295	0	0
TOTAL	**2286233**	**791793**	**49043**	**1020836**	**31.03**	**3477.37**

Progress of tree plantation on Railway land as on 31.3.2025 is 10.02 lacs.
The year wise breakup of tree plantation is shown in the graph.

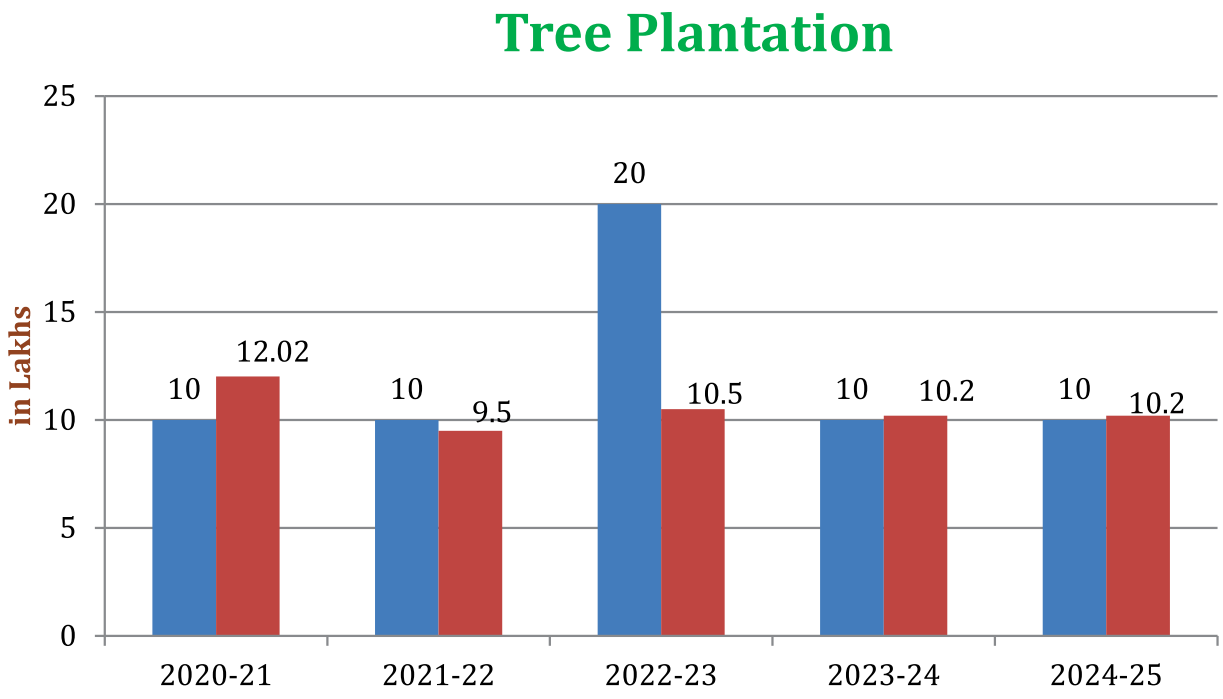


Fig. 9

PROFORMA 'B'

POSITION OF ENCROACHMENTS ON NORTHERN RAILWAY FOR 2024-25:-

Total no. of Encroach-ments as on 31.3.2024	Total no. of Encroachments		Total no. of Encroach-ments as on 31.3.25	Total no. of cas-es pending with Estate officers on 31-03-24	No. of cases filed during the Year	No. of cas-es decided during the Year	Total no. of cas-es pending with Estate Officers as on 31.3.25
	Added	Removed					
41987	0	17	41970	1919	126	125	1920

PROFORMA – 'C'

POSITION OF LICENSING AGREEMENT 2024-25

	Item	Total no of Cases	Total no of Agreement	Cases Executed
a)	G.M.F			
b)	(i) Railway Employees	578	578	441
	(ii) Outsiders			
	Commercial Plots Including Vending of Commercial Dept.	221	221	162
c)	Engg. Plots			
d)	Shopping Flats (Engg. Deptt)			

PROFORMA 'D'

EARNINGS:-

(Figures in Crores of Rupees)

S. N.	Description	Target 2024-25	Actual earnings for the last three years		
			2022-23	2023-24	2024-25
1.	Licensing of land to CONCOR	543	272.82	298.82	286.09
2	Licensing of land to oil companies		1.34	1.07	0.03
3	Licensing of land for ordinary commercial plots		1.75	0.54	0.18
4	Licensing of land for Pvt. siding		33.72	29.38	34.93
5	Way leave facilities licensing		20.91	22.15	73.30
6	Lease to Govt. Deptt./ DMRC		56.11	11.09	26.25
7	Govt./ Building licensing/ Defence		13.79	5.82	11.72
8	Other income received		99.09	421.75	604.16
	TOTAL	**543**	**499.53**	**790.62**	**1036.66**

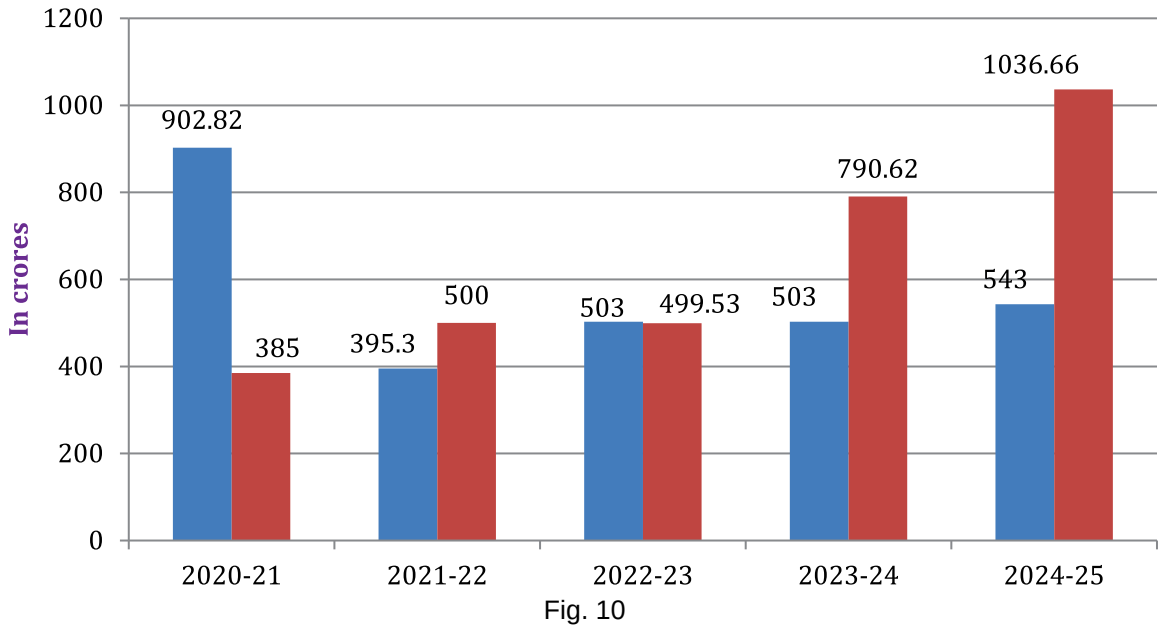


Fig. 10

PROFORMA 'E'

OUTSTANDING DUES (Rs. In Crore) 2024-25

S N	ITEM	Position as on 31.03.2024	Accretion during the year (+)	Clearance during the Year (+)	Balance Outstanding dues as on 31.3.2025
1.	GMF (Rs. In in lacs)				
	a) RAILWAY EMPLOYEES	4.91	11.95	14.12	2.74
	b) OUTSIDERS.				
	c). STATE GOVT.				
2.	TEMPORARY COMML. LICENSING.	532.08	858.85	963.36	427.57
3.	OUTSTANDING DUES OF OIL COMPANIES/ GOVT. DEPTTS.				

PROFORMA 'F'

Land Holding 2024-25 (In Hectares):-

Total Land Area at the Beginning of the year	Area of Land acquired during the year	Area of land relinquished during the year	Balance area at the end of the year	Area of Land under Active Use				Area of Land Lying vacant	Rly. on Use
				Affore - station	Com- mercial Licens- ing	G.M.F	Any Other Use		
45848.76	0.00	0.00	45848.76	5846.28	411.72	756.41	1752.74	10013.79	27067

PROFORMA –'G'

Land Holding under different Heads

S. No.	Item	Area in Hectares. As on 31.03.2025
1.	Track and structure	27087.832
2.	Under Afforestation	5846.278
3.	Commercial Licensing.	415.714
4.	Under pisciculture	40.97
5.	Under Encroachment	153.713
6.	Vacant land.	10013.786
7.	Under long term lease	119.516
8.	Under KVS/Other Schools	14.246
9.	Under religious structure	11.95
10.	Under CONCOR	90.673
11.	Under RLDA	236.772
12	Under DFCCL	1060.87
13	Under GMF Scheme	756.41
	Total	**45848.73**

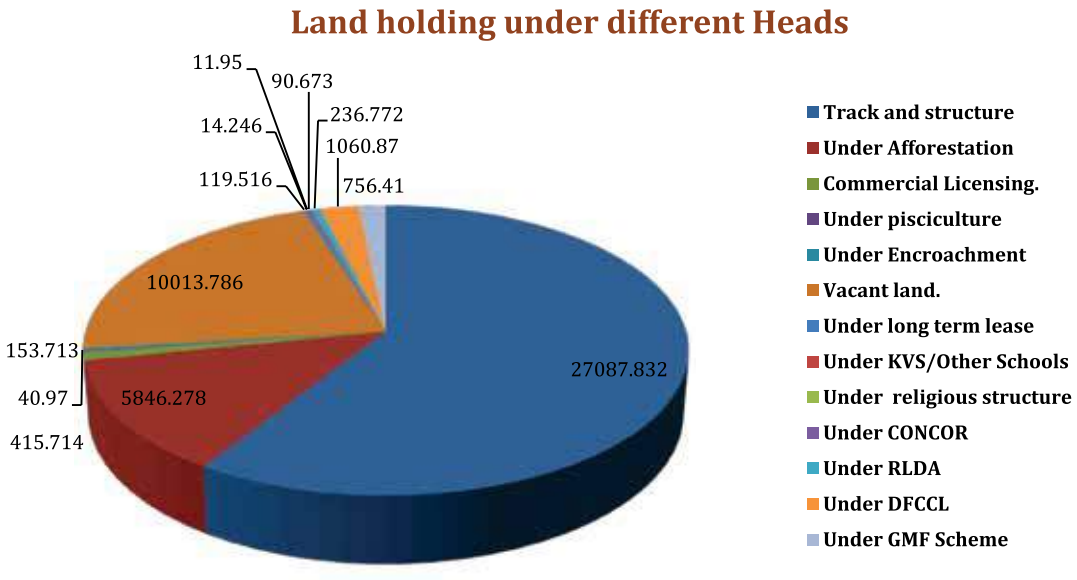


Fig. 11

DETAILS OF CIVIL ENGINEERING ASSETS (OTHER THAN P.WAY) (As on 31.03.2025)

Name of Rly.	Plinth area of service bldgs. (Sqm.)	Plinth area of reside-ntial bldgs. (Sqm.)	Linear water way of bridges (Metres)				Length of over/ under bridges (Metres)			
			Import-ant	Major	Minor	Total	FOB	ROB	RUB	Total
1	2	3	4	5	6	7	8	9	10	11
NR	**4311217.33** The above data provided excluding the Delhi Division	**3835067.32** The above data provid-ed excluding the Delhi Division	35168	73783	41942	150293	29819	16666	12338	58823

Tonnes of steel girder bridges (MT)	Tonnes of steel structure other than bridges.	No. of water pumping points	No. of Sewerage treatment points	No. of ballast Sidings sidingsidin-hquarries/ Depot.
12	13	14	15	16
4337	6301	588	20	20

Yearly Performance of Engineering Department									
SN	Item No.	Target	Performance					Best ever	
		2024-25	2020-21	2021-22	2022-23	2023-24	2024-25	Figure	Year
1	Earnings from Railway Land (Crore of Rs.)	543	902.82	359.30	499.53	790.62	1036.66	902.82	2024-25
2	Production of MBC Sleep-ers (Nos.)	1425200	702556	1332222	8589992	1126402	1265900	1332222	2021-22
3	Production of T/o Sleepers (Sets)	975	303	210	534	1195	1139	1195	2023-24
4	Ballasting (Lac CUM) In Lakh	11	7.92	9.8	10.09	8.56	9.67	10.09	2022-23
5	Track Renewal (CTR unit)	600	596.70	526.18	705.12	765.00	744.41	765	2023-24
6	Track recording by OMS-2000 (Kms.)	92665	144890	120165	94957	109956	109736	144890	2020-21
7	Tree Plantation (lacs)	20	17.40	9.5	10.50	10	10.20	17.40	2019-20
8	Replacement of Girder with RCC/ PSC slabs (nos).	12	4	10	01	03	02	34	2018-19
9	Steel Fabrication in Bridge Workshops (MT)	8300	7475	6430	8595	11178.1	11600	11600	2024-25
10	Production of FWP(Nos.)	3000	35340	13658	10308	5592	1722	35340	2020-21

5.5 New Construction & Engineering Works

5.5.1 New Lines

A. New Lines Completed During The Year 2024-25

S N	Project Name	Name of Section	Gauge	Length (Km)	Month of Commissioning
1.	Deoband -Roorkee	Deoband - Roorkee	BG	29.551	CRS inspection conducted on 29.03.2025 (29.551 Km) & authorisation received on 16.04.2025.
	Total			**29.551**	

B) I. Sanctioned During The Year 2024-25: Nil

II. Under Construction During 2024-25 - Nil

S N	Name of Project	Estimated cost (In Cr. of Rs.)	Gauge	Length (Kms)	% age of Physical Progress
1	Nangal Dam- Talwara (83.74)- New BG Line and taking over siding Mukerian- Talwara (29.16 km)	2018	BG	122.57	60
2	Chandigarh- Baddi	1540	BG	30.30	29
3	Firozpur- Patti	781	BG	25.72	0

(B/III) Frozen Works / Awaiting requisite approval from MoR- NL

S N	Name of Project	Estimated cost (In Cr. of Rs.)	Gauge	Length (Kms)	% age of Physical Progress
1	Unchahar- Amethi	380	BG	66	0
2	Delhi- Sohna- Nuh- Firozpur- Jhirka- Alwar	1249	BG	104	0
3	Faizabad- Lalganj via Akbarganj, Maharajganj and Raebareli	654	BG	116	0
4	Qadian – Beas	842	BG	39.68	0
5	Yamuna Nagar- Chandigarh via Sadhaura, Narayangarh	901	BG	91	0
6	Hissar- Sirsa via Agroha and Fatehabad	400	BG	93	0
7	Meerut - Panipat	2200	BG	104	0
8	Rajpura –Mohali	406	BG	24	0
9	Una- Hamirpur	3361	BG	41	0
10	Hardoi to Gursahaiganj	1302	BG	59	0

(B/ IV) Survey sanctioned and carried out during the year 2024-25

SN	Name of Work	Length	Survey cost (In Lacs)	DPR Cost (In Lacs)	Survey Works Prog-ress (in %)	Remarks
1	Varanasi-Pandit Deen Dayal Upadhyay 3rd and 4th line with substructure of two lines on Malviya Bridge (BR No. 11)	23.5	-	246446	100%	Project sanctioned vide Rail-way Board letter no. 2024/W-II/ NR/DL/DPR/34 (3473071) dated 24.10.2024.for an antici-pated cost of 2464.46 Cr.
2	Phaphamau-Unchahar Dou-bling	72.27	-	89900	100%	Project sanctioned vide Rail-way Board letter no. 2019/W-2/ NR/DPR/DL/11 Pt. (3463541) dated 03.10.2024.
3	(FLS) Byepass chord line at Ayodhya Cantt.	6	-	9734	100%	Project sanctioned vide Rail-way Board letter no. 2024/W-2/ NR/DL/DPR/14 (3464770) dated 27.06.2024.
4	(FLS) Y-Connection at Ghari-Harsaru to avoid rever-sal at Ghari-Harsaru.	2.5	-	5407	100%	Project sanctioned vide Rail-way Board letter no. 2024/W-2/ NR/DL/DPR/13 (3464766) dated 24.06.2024.
5	(FLS) 3rd line between Dilkhusha- Malhaur.	8.2	-	15968	100%	Project sanctioned vide Rail-way Board letter no. 2024/W-II/ NR/DL/DPR/35 (3474487) dated 10.10.2024.
6	FLS) Chord line between Bis-hanpura Haryana-Jind City to avoid reversal at Jind.	5.21	-	7687	100%	Project sanctioned vide Rail-way Board letter no. 2024/W-II/ NR/DL/44 (3476444) dated 22.10.2024.
7	(FLS) 3rd line between Delhi KishanGanj - Shakurbasti	8	-	15115	100%	Project sanctioned vide Rail-way Board letter no. 2025/W-2/ NR/DL/06 (3488402) dated 18.03.2025.
8	Delhi - Panipat Jn 3rd & 4th line	198	396	685	100%	DPR was submitted in Railway Board on 28.01.2025.
9	Panipat Jn-Ambala Cantt Jn 3rd & 4th Line			895		
10	Ambala Cantt Jn - Ludhiana Jn 3rd line(Excluding 15 kms between SNL-LDH)	151	302	270692	100%	DPR was submitted in Railway Board on 21.03.2025.
11	(FLS) Bypass between Rishi-kesh- Doiwala at Raiwala	2.00	2.50	28781.72	100%	DPR submitted to Board on 08.07.2024
12	(FLS)Doubling of Phapham-au bypass	2.50	-	43.70	100%	DPR submitted Rly board on 01.03.2024.
13	(PET) Nemisharanya to Farrukhabad via Hardoi new BG line	112.00	56.00	213165.19	100%	DPR submitted to Railway Board on 20.09.2024

14	Bypass line Bhatinda	28.53	40.00 for 08 no. bye pass including BTI	56434.18	100%	DPR submitted to Railway Board on 27.09.2024. PEC observations are being complied.
15	(FLS) New BG rail line from Baddi to Ghanauli	25.00	62.50	216376.00	100%	DPR Submitted to Rly Board on 24.09.2024
16	Bypass line Balamau	10.04	40.00 for 08 no. bye pass including Balamau (Roza)	5173.00	100%	DPR submitted to Railway Board on 29.10.2024
17	Manaknagar-Kanpur with grade separated bypass at Kanpur Central Station 3rd-4th line (LKO-IV)	67.22 (92KM)	134.44	Under preparation	100%	Conceptual Yard plan, L-section are under approval.
18	Jalandhar cantt - Pathankot cantt- Jammu Tawi (JUC)	210.75	432.00	NA	55%	Total 8 Packages out 3 Packages Estimates has been submitted to Authority, Pkg4 to Pkg 8 estimates under Progress
19	(FLS) New line between Tanda-Urmur to Hoshiarpur (Firozpur division).(JUC)	33.76	77.76	116801.00	100%	DPR/Detailed Estimate under finance vetting.
20	(FLS) 3rd & 4th line between Zafrabad-Shivpur except (Shivpur-Varanasi) 45.4 km and 4th line between Shivpur -Varanasi 5.79 km.(BSB)	51.19 (45.40+ 5.79 km)	75.10	Under Preparation	90%	Conceptual plan submitted to division for review and approval
21	Y-connection at Muzzampur Narain on Moradabad- Saharanpur section.(MB)	6.00	12.00	Under Preparation	100%	Alignment & concept plan finalised. Estimate submitted by Survey Agency on 25.06.2025. Estimate sent for finance vetting.
22	(FLS) New line between Dhampur- Kashipur.(MB)	58.00	145.00	Under Preparation	30%	Alignment not finalised on NER part.
23	(FLS)3RD Line btw Salarpur-Ayodhya Cantt.-Ayodhya-Darshan Nagar. (LKO-I)	22.00	28.51	Under Preparation	60%	Conceptual Yard plan, L-section are under approval.
24	(FLS) New double line connectivity between Farukh Nagar - Jhajjar.(TKJ)	24.69	61.82	132673.00	100%	Conceptual Yard plan Approved, L-section are under approval.DE Under Finance Vetting
25	(PET) New Line Ranital Rly station to Jwalaji Nadaun, Hamirpur and Bilaspur Rly station. (S&C)	100.00	50.00	Under vetting	60%	Conceptual Yard plan, L-section are under approval.Traffic details are under preparation.
26	(PET)New line between Mullanpur to Barnala via Raikot(S&C)	53.00	26.50	133722.70	70%	Traffic data collection, FIRR & EIRR calculation is in progress. Targeted for DPR submittion to Board on or before 31.08.2025.

27	(FLS) New line between Karnal-Yamuna Nagar (UMB)	63.14	157.85	Under Preparation	60%	Conceptual yard plan under signature.
28	(FLS) 3rd line between Shakurbasti - Rohtak. (SERD-I)	60.00	120.00	Under Preparation	90%	Conceptual yard plan approved by Division.
29	(FLS) Doubling between Prithla to Palwal (9.14).(S&C)	9.14	18.28	Under Preparation	50%	Finalisation of Conceptual yard plan is pending with DLI Division, S&T and TRD sub estimates are pending with sister departments, Traffic data collection is under progress by agency.
30	(FLS) New Line between Dadri-Faridabad-Gurugram with mega passenger terminal in noida, (TKJ)	113.00	225.00	Under Preparation	60%	Traffic data collection, FIRR & EIRR calculation is in progress. Conceptual Plan under preparartion. Target Date of Submission 30.11.2025
31	(FLS)Bhiwani-Rohtak-Panipat-Ambala/Shambhu- to be developed as feeder route of WDFC` (TKJ)	316.50	490.00	Under Preparation	70%	Traffic data collection, FIRR & EIRR calculation is in progress. Conceptual Plan under preparartion. Target Date of Submission 30.10.2025
32	Doubling of Jhangai-Mariahu-Zafrabad. (BSB)	48.00	96.00	Under Preparation	20%	Field survey is under progress.
33	Doubling of Phaphamau -Pratapgarh (47 km) and Chilbila -Sultanpur-Ayodhya Cantt (94 km) (LKO-I)	141.00	282.00	Under Preparation	40%	Field survey is under progress.
34	(FLS) New line between Dehradun to Saharanpur via Shakumbhari Devi.(UMB)	81.25	203.12.	Under Preparation	60%	L-section, Conceptual yard plans have been scrutinized and under signature.
35	(FLS) Doubling of Sirhind-Morinda - Nangal Dam section. (CDG-I)	103.00	206.00	Under Preparation	65%	Conceptual plans are under approval with Ambala Division. Traffic survey in progress. DPR under preparation.
36	(FLS) Flyover between Kunwadeeh (NER) to Phaphamau (NR) station. (BSB)	10.00	17.64	Under Preparation	20%	Field survey is under progress.
37	(FLS) Doubling of Garhi Harsaru - Farrukh Nagar. (CSB-I)	11.27	22.54	Under Preparation	70%	Traffic data collection, FIRR & EIRR calculation is in progress. Conceptual Plan under Approval. Target Date of Submission 30.10.2025

38	(FLS) Elevated Rail corridor from Delhi to Jaipur via Rewari. (CSB-I)	310.00	767.00	Under Preparation	100%	DPR vetted by finance submitted to Rly. Bd. on 15.02.2024. During MI inspection on 08.04.2024, few suggestions were made. Revised DPR submitted to accounts for vetting after technical check at K. Gate on 14.08.24. Finance observations raised on 23.09.24. RITES compliance received and EIRR/FIRR pending and DPR to be submitted to finance. TDC-Oct'25
39	(FLS) Doubling between BH 'K' to Vyas Nagar. (BSB)	8.00	6.18	Under Preparation	20%	Field survey is under progress.
40	(FLS) Gauge conversion of Pathankot-Joginder nagar section from NG to BG. (CDG-II)	200.00	600.00	Under Preparation	20%	First 50 km. alignment finailzed. 100 km is under progress.

5.5.2 Construction Works

A. Progress of Gauge Conversion works : Nil

B. Doublings

(i) Doublings Completed During The Year 2024-25 (Dl)

SN	Project Name	Name of Section	Length (Kms)	Month of Commissioning
1	Palwal IR & New Prithla (WDFC)	Palwal IR & New Prithla (WDFC)	9.13	12.02.2025
2	Janghai - Pratapgarh - Amethi	Pratapgarh - Gaura	23.715	26.03.2025
		Total	**32.845**	

(ii) Sanctioned During The Year 2024-25

SN	Section	Gauge	Length (Km)	Month of Commissioning (TDC)
1	Northern Railway- Chord line between Bishanpura Haryana- Jind City	BG	5.21	Apr'28
2	Northern Railway - Bypass/Chord line at Ayodhya Cantt. (between Salarpur-Masodha)	BG	6	Jan'27
3	Northern Railway- Y-connection at Garhi Harsaru to avoid reversal at Garshi Harsaru	BG	2.5	Sep'26
4	Northern Railway- 3rd line between Dilkusha- Malhar (8.20 km)	BG	8.20	May'28
5	Phaphamau –Unchahar Doubling	BG	2.27	Dec'28
6	Varanasi- Pt. Deen Dayal Upadhyaya - Multitracking including construction of a new Rail- cum- Road Bridge across Ganga River	BG	15	Dec'29
		Total	**94.18**	

(iii) Progress Of Doubling Works- Dl

SN	Name of work	Length (Km)	Estimated cost (Fig. in Cr. of Rs.)	% age of Physical progress
1	Mansa-Bhatinda (Phase-I), (52 km) incl. new material modification for Rama Mandi (Raman) - Sada Singhwala via Talwandi Sabo - new line			
	Mansa-Bhatinda (Phase-I)	52	217.93	100
	Material Modification for New line between Rama Mandi (Raman) - Sada Singhwala via Talwandi Sabo - new line	43	Survey work in progress	Nil
2	Anand Vihar- Tilak Bridge – 3rd & 4th line	19.54	419	50
3	Jaunpur – Tanda	77.25	1079	100
4	Ludhiana - Mullanpur	21	295	99
5	Ludhiana-Kila Raipur	19	238	52
6	Chipyana Buzurg-Ghaziabad - 4th line	1.55	34.29	3
7	Doubling between Jaunpur Jn-Zaffarabad	6.28	177	3
8	Dayabasti - Grade separator	3	196	63
9	Utretia-Zafrabad - Doubling of balance 148 km section with MMs for Rae Bareli - Akbarganj (46.9 km) & Sultanpur - Amethi (29.22 km) with new MM of Sultanpur - Kadipur - new lines			
	Balance 148 km doubling between Utretia-Zafrabad	148	1581	100
	MMs for Rae Bareli - Akbarganj (46.9 km) & Sultanpur - Amethi (29.22 km) with new MM of Sultanpur - Kadipur (38.7 km) - new line	114.82		Nil
10	Barabanki - Akbarpur	161	1798	100
11	Janghai - Pratapgarh - Amethi	87	1194	69
12	Barabanki-Malhaur - 3rd & 4th Line	32.84	407	74
13	Connectivity between Palwal (IR) & New Prithala (WDFC) (Umbrella work)	9.14	112.06	100
14	Construction of 3rd line between Varanasi-Shivpur	5.83	78	0
15	Chord line between Alal -Himmatana	12.52	174	0
16	Chord line connecting Mufti ganj (NER)- Jaunpur-Mahgawan by passing Jaunpur Jn (DL)	1.5	76	0
17	Bye pass line between Didarganj Road/Khanja Halt (NER) to Bilwai (NR) to avoid reversal at Shahganj Jn (DL)	5.7	137	0
18	Bye pass line at Ayodhya Dham	1.5	56	0

(iv) Frozen Works / Awaiting requisite approval from MoR

SN	Name of Project	Estimated cost (In Cr. of Rs.)	Gauge	Length (Kms)	% age of Physical Progress
1	Bareilly-Chandausi-Aligarh	2454	BG	75.183 (BE-CH Section only)	0
2	Moradabad-Chandausi	480	BG	44	0
3	Panipat-Rohtak	814	BG	71.4	0
4	Ferozepur-Bathinda & Jakhal-Hisar	2376	BG	168.80	0
5	Varanasi-Moradabad by passing Lucknow, with fly-over at Unnao	2500	BG	102	0
6	Asthal Bohar-Rewari	852	BG	75.20	0
7	Delhi-Shamli-Tapri incl Saharanpur by-pass	1500	BG	175	0

(C) Progress of works under plan head-42 “Workshops including Production units”.

SN	Name of work	Original Cost	% age of Physical progress
1	New Delhi - Dismantling of existing pit lines and sewage system. Rebuilding of all the 3 WL with proper pits and sewage arrangements at STB Complex etc. Construction of covered shed with provision of EOT gantry at sick line, Firozpur. Up-gradation of 26-coach length washing line, Varanasi.	15.69	70%
2	Dehradun - Provision of loco outpit.	3.76	50%
3	Kalka - Extension of Broad gauge washing line No.5 & 6 towards diesel shed end by 100 m	6.34	100%
4	Bareilly (Carriage & Wagon Depot) - Covered shed with EOT crane incl AC maintenance shed	20.14	Work is to be dropped
5	Upgradation of maintenance infrastructure at Amritsar into Vande-Bharat Chair Car Maintenance Depot	61.77	1%
6	NDLS Upgradation of maintenance facilities including provision of covered shed on DLT-W/L Nos. 3, 4 & 5, RAJ-W/L Nos. 9 & 10.	56.53	2%
7	BWSN - Upgradation/ Development of Maintenance Infrastructure as VBE Maint. Depot Incl. provision for M&P and Training Facilities etc.	254	0%
8	Upgradation of Coaching Depot, Hazrat Nizammudin to STAR DEPOT.	37.92	2%
9	ANVT - Upgradation of maintenance facilities including provision of covered shed on Washing Cum Pit-lines.	60.03	1%
10	Anand Vihar Setting up of Trainset Depot for Maintenance of Vande-Bharat Sleeper Trains in compliance of WTA-527 at Anand Vihar (N.R.)	167	0%
11	Lucknow - Setting up of main line electrical multiple unit car shed (10 rakes)	23.83	3%
12	Bareilly- 26-coach washing & sick line facilities (one each)	12.47	100%
13	Shakurbasti (Diesel Shed) - Augmentation of homing capacity for WDM2 locos (50 Nos)	22.86	100%
14	Faizabad - Construction of 26 coach length washing line	5.48	100%

15	Ambala Cantt, Khan Alampura Joint Goods Yard, Moradabad, Ghaziabad, Tughlakabad & Shakurbasti - Improvement in existing infrastructure for freight train examination.	26.89	45%
16	LKO(CBW) - Creation of facility for sub assembly overhauling for ELPOH shop inside the Workshop.	7.73	0%
17	SSB - Upgradation/ Development of Maintenance Infrastructure as VBE Maint. Depot Incl. provision for M&P and Training Facilities etc.	258	0%
18	AYODHYA CANTT Development of Universal Coaching Maintenance Facility at Ayodhya Cantt (AYC) Station.	67.87	25%
19	Shri Mata Vaishno Devi Katra Setting up of additional trip shed at Shri Mata Vaishno Devi Katra (SVDK)	15.53	0%
20	Jagadhari workshop : Augmentation of LHB shed for improving outturn and reduction in cycle time.	43.46	20%
21	Jagadhari workshop : LHB Coach POH Enhancement & Wagon Bogie Shop Extension.	18.06	35%
22	Jagadhari workshop : Extension of different sheds & flooring in WR & Wheel shop.	43.71	2%
23	Daulat Pur chowk : Creation of infrastructural facilities by construction of One new covered washing Line & complex for integrated maintenance of rolling stock.	43.33	0%
24	LKO(CBW) : Creating shed capacity for pit line examination of incoming and outgoing Vande Bharat (16 coach lengths)	37.33	0%
25	Varanasi Upgradation of Coaching Maintenance Facilities at BSB Coaching Depot.	48.49	0%
26	Lucknow-Malhaur: Development/Up-gradation of Vande Bharat Chair Car Maintenance Depot at Malhaur over LKO Division	245	0%

5.5.3 Progress of works under plan head “Traffic Facilities”-

SN	Name of Work	Original Cost (in Cr.)	% of Physical Progress
1	Bijwasan - Land acquisition for development of freight & coaching terminal (Complete land has been acquired. Land cost has been deposited with State Govt. Some landowners have not turnup to take amount.)	85.35	100
2	Bijwasan - Coaching / freight handling terminal	63.46	61
3	Holambi Kalan - Addl acquisition of land & development of world class freight terminal (Land acquisition & 3 km long boundary wall completed. Balance work to be executed by division)	848	Construction related work completed. Balance work done by open line.
4	Mughalsarai- Lucknow- Moradabad- Ambala- Jalandhar- Amritsar (1150 km)- Longer loops	221	78

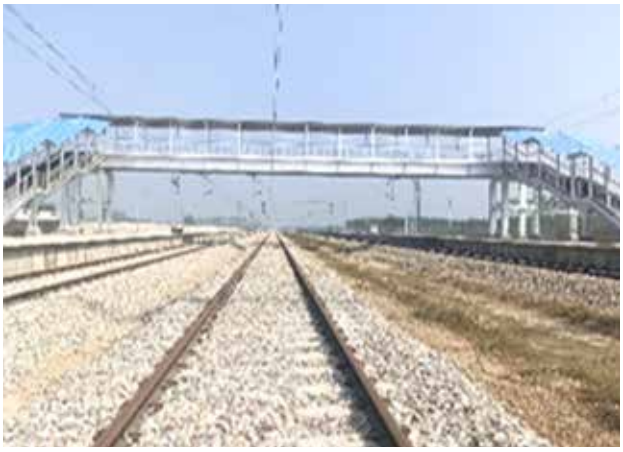
5	**Jammu** - Second entry in c/w development of coaching terminal (NI done on 06.03.2025)	181	25
6	**Moradabad Division** - Addl. directional up / down loops (5 stations) : Raisi Station only is balance .	11.31	75
7	**Chhan Arorian** - Goods handling line with covered goods shed and cement handling facility	17.54	22
8	**Gharyala** - New block station with shifting of goods traffic of Patti	21.87	30
9	**Bareilly:** BE yard remodelling	48.9	0
10	**Naya Ghaziabad:** Conversion of naya Ghaziabad (GZN) Halt into Crossing station.	24.53	0
11	**Bandhua kalan - Sultanpur**: Provision of 12 IBS in 6 busy stations (SLN, ZBD, AYC, PBH, RBL & JNH)	41.01	0
12	**Pathankot Cantt:** Provision of shunting neck at PTKC to facilitate shunting movement avoiding involvement of main line	13.74	0
13	**Nangloi:** Provision of the longer loop on both UP & DN Direction.	17.9	0
14	**Faridkot:** Provision of R&D facility on Goods loading line to curtail arrival to placement time.	15.1	0
15	**Chandigarh:** Development of additional maintenance and stabling facilities at Chandigarh.	11.14	0
16	**Dhandari Kalan:** Remodelling to increase handling capacity and provision of Shunting neck.	41.82	0
17	**Jalandhar Cantt:** Remodelling of JRC for provision of Up loop Line and extension of short length lines to accomodate full lenth trains.	34.09	0
18	**Parao Mehna Halt:** Conversion of halt station to a crossing station with development of freight terminal	32.86	0
19	**Sahnewal Jn.~~Amritsar Jn.:** Extension of loop lines on 3 stations on SNL-ASR Section.(TRA, DIW & HMR)	11.14	0
20	**Achalganj:** Conversion of Achalganj halt station into Crossing Station between Unnao-Bighapur section	29.47	0
21	Provision of Directional loop line along with Down main line at **Darazpur**.	12.29	0
22	**Ghaziabad:** Connectivity of 3rd line CYZ-GZB with 4th line of GZB-SBB	4.63	0
23	**Budhai balamgarh halt:** Conversion of halt station to a crossing station with development of freight terminal	30	0
24	**Rohtak~~Panipat:** Provision of a new crossing station between **ROK-GHNA**.	26.42	0
25	**Shakurbasti** - Coaching terminal in metre gauge area	114	
26	**Lucknow** - 4-line entry & exit with yard remodelling	34.98	20
27	Asaoti~~Addition & alteration i/c/w provision of High rise OHE at Asaoti/ Piyala station and merger of DFCCIL western corridor at Asaoti yard.	31.11	100
28	**Kumbhawas** Yard Remodelling work (a DFC Deposit Work)	111	5

5.5.4 Work Completed During 2024-25

A. New Line Commissioned during 2024-25 (29.551 km)

Deoband -Roorkee New Line (29.551 Km)

CRS inspection conducted between Deoband- Roorkee NL on 29.03.2025 & authorisation received on 16.04.2025.





B. Doubling commissioned during 2024-25 (32.845 km)

Connectivity between Palwal IR & New Prithla:

Work of Connectivity between Palwal (IR) & New Prithala (WDFC) (9.13 km) has been completed and commissioned on 12.02.2025.





Maa Bela Devi Dham Pratapgarh-Gaura doubling (23.715 KM):

Maa Bela Devi Dham Pratapgarh-Gaura section has been commissioned on 26.03.2025, followed by a speed trial of 120 kmph of the entire section.





Status of ROB/RUB/LHS works (PH-30) completed in financial year-2024-25

Completion of ROB in lieu of LC No. 44 at km 73/13-15 on Delhi-Ambala section

Work for Construction of ROB in lieu of LC No. 44 at km 73/15-17 on Delhi-Ambala section was sanctioned in 2019-20. This consists of composite steel girders having 02 spans (1x37.28 m +1x18.08 m) on the Rly portion. The work has been completed.



Completion of ROB in lieu of LC No. 127 on Saharanpur-Ambala-Ludhiana section.

Work for Construction of ROB in lieu of LC No. 127 on Saharanpur-Ambala-Ludhiana section was sanctioned in 2013-14. This consists of Bow string girder having 01 span (1x60 m) on Rly portion. The work has been completed.



Completion of 2 lanes ROB in lieu of LC No. 47 at km 79/1-3 on Delhi-Ambala section near Diwana

Work for Construction of 2 lanes ROB in lieu of LC No. 47 at km 79/1-3 on Delhi-Ambala section near Diwana was sanctioned in 2019-20. This consists of composite steel girder having 02 span (1*37.28 m+ 1*25.08 m) on Rly portion. The work has been completed.



Completion of ROB at km 149/10-11 in lieu of LC No. 75-A on Prayag-Phaphamau section between Prayag-Phaphamau station

Work for Construction of ROB at km 149/10-11 in lieu of LC No. 75-A on Prayag - Phaphamau section between Prayag - Phaphamau station was sanctioned in 2021-22. This consists of composite steel girder having 01 span (72 m) on Rly portion. The work has been completed.



Completion of ROB at km 34.400 on ROK-PNP section (NHAI)

Work for Construction of ROB at km 34.400 on ROK-PNP section was sanctioned in 2021-22. This consists of composite steel girder having 02 spans (25.00 m) on Rly portion. The work has been completed.



Completion of ROB at km 68.562 on SNP-JHI section (NHAI)

Work for Construction of ROB at km 68.562 on SNP-JHI section was sanctioned in 2021-22. This consists of composite steel girder having 01 span (1*31.2 m) on Rly portion. The work has been completed.



Completion of ROB at km 11.987 on PNP-JHI section

Work for Construction of ROB at km 11.987 on PNP-JHI section was sanctioned in 2021-22 (NHAI).
This consists of RDSO composite girder having 01 span (36 m) on Rly portion. The work has been completed



Completion of ROB in lieu of LC No. 45-A Rly km 67 and NH km 399.300 between Maholi and Hempur station in Sitapur City on ROSA-Sitapur section

Work for Construction of ROB in lieu of LC No. 45-A Rly km 67 and NH km 399.300 between Maholi and Hempur station in Sitapur City on ROSA-Sitapur section was sanctioned in 2011-12. This consists of composite steel girder having 01 span (52.20 m) on Rly portion. The work has been completed



Completion of 4 lane ROB at km 21.70 on Narwana-Kurukshetra section near Railway Station Kalayat.

Completion of 4 lane ROB at km 21.70 on Narwana-Kurukshetra section near Railway Station Kalayat. The work has been completed.

Construction of ROB at km 20/27-20/29 on DLI-BTI section

Deck slab casting of all 04 nos. carriageway above Railway track of ROB at Km0/27-29 between NNO-GHE stations on DLI - BTI section (NHAI Work) completed. For Non-railway carriageway 6-deck slab out of 8 are completed, 45nos girders out of 52 have been launched.

Construction of ROB LC No. 98-B/2 at Yamuna Nagar section

Work for Construction of ROB LC No. 98-B/2 at Yamuna Nagar section was sanctioned in 2007-08. This consists of Steel composite girder having 02 spans (24m) on Rly portion. The work has been completed.

Construction of ROB LC No. 72 at Phaphamau section.

Work for Construction of ROB LC No. 72 at Phaphamau section was sanctioned in 2023-24.. The work has been completed.

Construction of ROB at km 86/04-05 of Ganga expressway under Moradabad division.

Work for Construction of ROB at km 86/04-05 of Ganga expressway under Moradabad division was sanctioned in 2022-23. This consists of RDSO composite girder having 1 x 36 m (track span) & 1 x 18 m (non track) span girders on Rly portion. The work has been completed.

Construction of 2 lane ROB LC No. 118 at km 250/9-11 on SRE-UMB section of UMB division.

Work for Construction of 2 lane ROB LC No. 118 at km 250/9-11 on SRE-UMB section of UMB division was sanctioned in 2016-17. Clear span is 1*54 m. Bow string girder is used. The work has been completed.



Construction of 2 lane ROB LC No. Spl.1-A at km 0/10-11 on Rajpura-Patiala section near Rajpura

Work for Construction of 2 lane ROB LC No. Spl.1-A at km 0/10-11 on Rajpura-Patiala section

near Rajpura was sanctioned in 2019-20.Span is 1*60 m. Bow string girder is used. Carriage way width is 9.5 m. One side footpath of 1.5 m is provided.

Construction of ROB completed at Km 84.682 on JIND - SNP section (NHAI Work) Construction of ROB completed at Km 84.682 on JIND - SNP section (NHAI Work). This work has been completed.

Construction of 2 lane ROB in lieu of LC no 139 at km 161/1-2 completed on Delhi-Bhatinda section near Narwana yard Construction of 2 lane ROB in lieu of LC no 139 at km 161/1-2 completed on Delhi-Bhatinda section near Narwana yard. This work has been completed.

- **Construction of RUB** in lieu of level crossing No.49 near Diwana on Delhi-Ambala section.



Construction of RUB in lieu of LC Nos. 168 at Km 359/5-7 on UMB-LDH section of Firozpur Division.

- **Construction of 2 lanes RUB** in lieu of level crossing No.26 at km 37/7-8 on Delhi-Rewari section near Gurugram.
- **Limited Height Subways** at LC No.21 on DBD-RK section
- **Limited Height Subways** at Br. No.18 on DBD-RK section.
- **Limited Height Subways** at Br. No.18B on DBD-RK section.
- **Limited Height Subways** at Br. No.20 on DBD-RK section
- **Limited Height Subways** at No.24 on DBD-RK section
- **Limited Height Subways** at Br. No.24A on DBD-RK section
- **Limited Height Subways** at Br. No.27C on DBD-RK section
- **Limited Height Subways** at Br. No.28 on DBD-RK section
- **Limited Height Subways** at Br. No.30 on DBD-RK section
- **Limited Height Subways** at Br. No.32B on DBD-RK section
- **Limited Height Subways** at Br. No.31 on DBD-RK section
- **Limited Height Subways** at Br. No.33 on DBD-RK section

- **Limited Height Subways** at Br. No.34 on DBD-RK section
- **Limited Height Subways** at Br. No.37A on DBD-RK section
- **Limited Height Subways** at Br. No.38 on DBD-RK section
- **Limited Height Subways** at Br. No.39 on DBD-RK section
- **Limited Height Subways** at Br. No.39B on DBD-RK section
- **Limited Height Subways** at Br. No.40 on DBD-RK section
- **Limited Height Subways** at Br. No.42 on DBD-RK section
- **Limited Height Subways** at Br. No.43 on DBD-RK section
- **Limited Height Subways** at Br. No.62 on DBD-RK section
- **Limited Height Subways** at Br. No.64B on DBD-RK section
- **Limited Height Subways** at Br. No.66 on DBD-RK section.
- **Limited Height Subways** at Br. No.77 on DBD-RK section
- **Limited Height Subways** at Br. No.78 on DBD-RK section
- **Limited Height Subways** at Br. No.79 on DBD-RK section
- **Limited Height Subways** at Br. No.81 on DBD-RK section
- **Limited Height Subways** at Br. No.82A on DBD-RK section
- **Limited Height Subways** at Br. No.84 on DBD-RK section.
- **Limited Height Subways** at LC No. 390 in Duganpur Yard
- **Limited Height Subways** at LC No.56 in Kartarpur Yard
- **Limited Height Subways** at LC No. 30 on Meerut Cantt.-Saharanpur
- **Limited Height Subways** at LC No.21 on Patial-Mukerian section
- **Limited Height Subways** at LC No.23 on Patial-Mukerian section
- **Limited Height Subways** at LC No. 389 on Duganpur Yard
- **Limited Height Subways** at LC No. 146 on UMB-LDH section.
- **Limited Height Subways** at bridge no 27 on Patial-Mukerian section
- **Limited Height Subways** at bridge no 32 on Patial-Mukerian section
- **Limited Height Subways** at bridge no 46 on Patial-Mukerian section
- **Limited Height Subways** at bridge no 50 on Patial-Mukerian section
- **Limited Height Subways** at LC-48 on Delhi- Shamli section
- **Limited Height Subways** at bridge. 33 on Utretia -Transport Nagar section
- **Limited Height Subways** at bridge no 27 on on Deoband – Roorkee section
- **Limited Height Subways** at bridge no 33A1 on on Deoband – Roorkee section
- **Limited Height Subways** at bridge no 35 on on Deoband – Roorkee section
- **Limited Height Subways** at At bridge no 63 on on Deoband – Roorkee section
- **Limited Height Subways** at bridge no 72 on on Deoband – Roorkee section

5.5.5 Traffic Facility Works

Following traffic facility works (PH– 16) have been completed during the year 2024-25:

NI Work done in connection with New Lines, Doublings and Traffic Facility works: (Total: 26 Nos.)

- The work of additional directional loops at commissioned at Balamau, Masit, Mewa Nawada, Miranpur Katra & Todarpur.



Miranpur Katra

- The work of longer loops commissioned at Ladhowal, Cheheru, Sahnewal, Kartarpur, Duganpur & Bhadaiyan



Sahnewal

- NI of Jammu done in connection with Second entry work of development of Coaching terminal.
- NI of Shahganj done in connection with Doubling between Jaunpur-Akbarpur
- NI of Palwal done in connection with Doubling between New Prithala (DFC) to Palwal (NR).

- NI of Roorkee, Jabrera,Banera khas & Deoband done in connection with New Line between Deoband-Roorkee.
- NI of Ayodhya Cantt. Yard remodelling.
- NI of Alam Nagar done in connection with Doubling between Alam nagar -Transport nagar.
- NI of Rosa Yard remodelling.
- NI of Janghai, Pratapgarh, Gura, Prithiganj & Maabarhi devi dham done in connection with Doubling between Janghai - Pratapgarh - Amethi.

5.5.6 Status of FOB works completed in financial year-2024-25

New line:

02 Nos. FOB Banhera Khas & Jhabrera have been completed.

Doubling:

01 Nos. FOB –Model Gram has been completed.

Traffic Facilities:

02 Nos. FOB - Chakrajmal & Chiheru have been completed.

Customer Amenities:

03 Nos FOB at Jalandhar Cantt have been completed.

5.5.7 Status of Track Renewals (PH-31) completed in financial year 2024-25.

Utratia - Alamnagar byepass: TFTR (17 Km) completed.

5.5.8 Status of Bridge Works (PH-32) completed in financial year- 2024-25

Nil

5.5.9 Status of Other Electrical Works, incl TRD (PH-36) completed in financial year- 2024-25-

Nil

5.5.10 Status of Workshops including PUs (PH-42) completed in financial year- 2024-25

Bareilly (Now Raebareli)- 26-coach washing & sick line facilities (one each) has been completed and engine trial done. Kalka- Extension of Washing Line No 5&6 by 100 metres: Washing lines completed and engine trial has been done.

5.5.11 Status of STAFF WELFARE (PH-51) completed in financial year 2024-25

Nil

5.5.12 Status of PASSENGER AMENITIES (PH-53) completed in financial year- 2024-25

Nil

5.5.13 Status of OTHER SPECIFIED WORKS (PH-64) completed in current financial year- 2024-25

New integrated running room for loco pilots & guards (125 Nos 2-bedded rooms) at Lucknow completed.

5.5.14 Status of TRAINING HRD WORKS (PH-65) completed in current financial year- 2024-25

Nil

Table No. C: Number of over and under bridges constructed in replacement of level crossing during 2024-25 - 17 nos. (list as under)

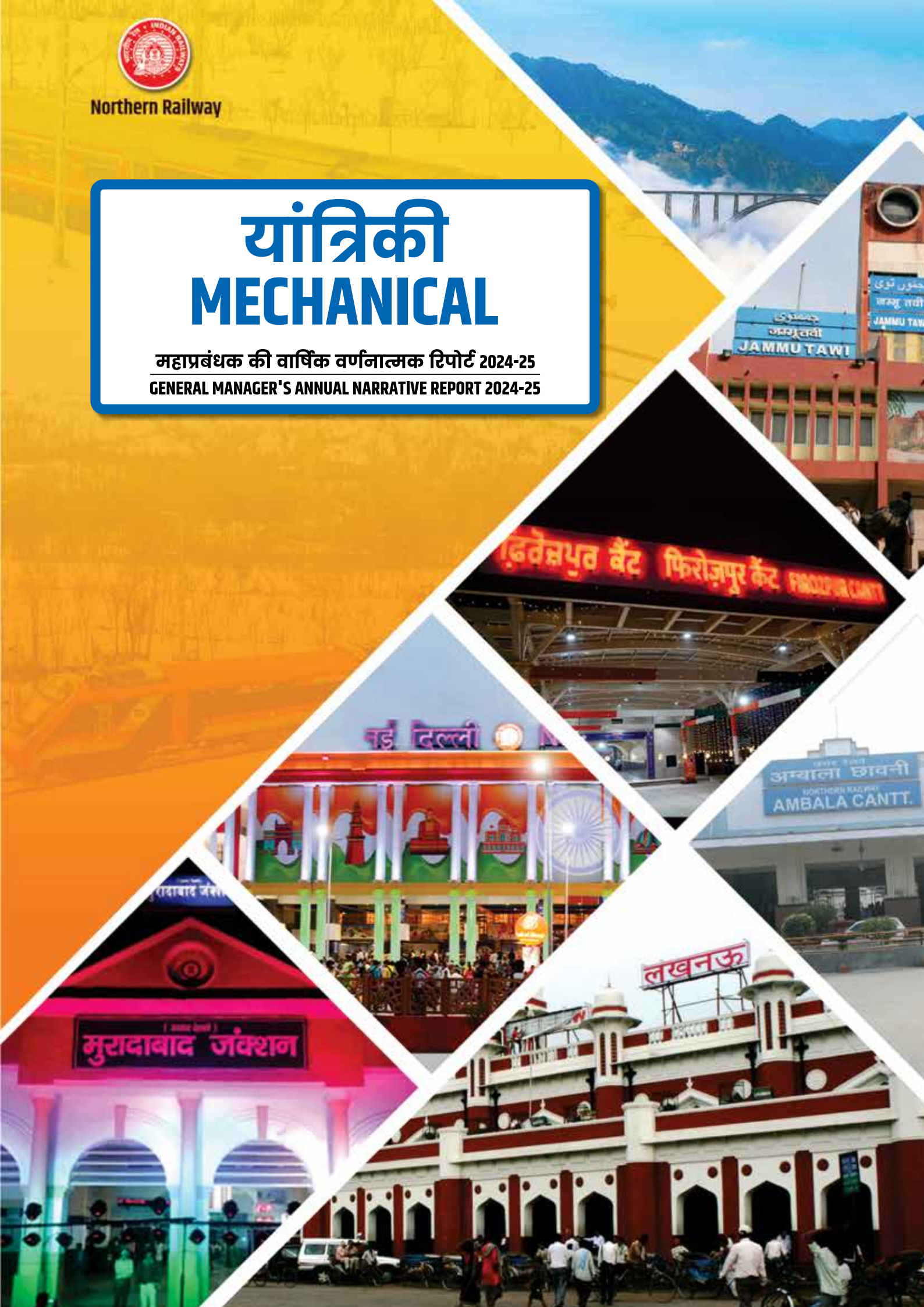
SN	Type of work	State	Description of work	Section	LC No.	ROB/ RUB/ LHS	Dy. CE/C	Div.
1	CS-PB (UMB)	HR	Construction of 2 lanes ROB in lieu of LC No. 44 at Km 73/13-15 on Delhi-Ambala section near Samalkha	DLI-UMB	44	ROB	CSB-I	DLI
2	CS-PB	HR	Saharanpur-Ambala-Ludhiana - Road over bridge on level crossing Nos.124 & 127 (2 Nos.) (ROB NO. 127 ONLY)	SRE-UMB	127	ROB	UMB	UMB
3	CS-PB (UMB)	HR	Construction of 2 lanes ROB in lieu of LC No. 47 at Km 79/1-3 on Delhi-Ambala section near Diwana	DLI-UMB	47	ROB	CSB-I	DLI
4	BOT	UP	Construction of ROB at Km 149/10-11 in lieu of LC no. 75-A Prayag-Phaphamau section between Prayag Phaphamau stations.	PRG-PFM	75-A	ROB	LKO-II	LKO
5	NHAI	UP	2 lane to 4 lane of Nh-24 (Bareilly-Sitapur section) from km 262.000 to km 413.200 of NH-24/UP. Const of ROB in lieu of LC No. 45-A Rly km 67 and NH km 399.300 between Maholi and Hempur station in Sitapur City on Rosa-Sitapur section	Rosa-STP	45-A	ROB	MB	DLI
6	CS-PB	HR	Delhi-Ambala - Road Under bridge in lieu of level crossing No.49 near Diwana	DLI-UMB	49	RUB	CSB-I	DLI
7	AW	UP	LHS at LC No. 390 in Duganpur Yard (Traffic facility work)	Dugunpur Yard	390	LHS	MB	MB
8	AW	PB	LHS at LC No.56 in Kartarpur Station (Traffic facility work)	Kartarpur	56	LHS	JUC	FZR
9	CS-LB	PB	Construction of 4 lanes RUB in lieu of LC No. 168 at Km. 359/5-7 on Ambala – Ludhiana section of Firozpur Division on DFC route.	UMB-LDH	168	RUB	CDG-II	FZR
10	CS-PB (UMB)	HR	Construction of 2 lanes RUB in lieu of LC No. 26 at Km 32/7-8 on Delhi-Rewari section near Gurugram	DLI-RE	26	RUB	SERD-I	DLI
11	RLY COST-PB	UP	Meerut Cantt-Saharanpur - Road over bridge in lieu of level crossing Nos.30, 83 & 45 (3 No)	(ROB NO. 30 ONLY)	MTC-SRE	30	LHS	CSB-II

12	RLY COST-PB	PB	Ludhiana-Ambala- 2 lane road under bridges in lieu of LC's Nos. 142 (KM:309/6-8) & 146 (Km:315/27-29) (2 No)	(LHS NO 146 ONLY)	LDH-UMB	146	LHS	CDG-II
13	CS-PB	HR	Yamuna Nagar-Road over bridge at level crossing No.98-B/2	Yamuna Nagar	98-B/2	ROB	UMB	UMB
14	CS-PB	HR	Construction of 2 lanes ROB in lieu of LC Nos. 118 at Km 250/9-11 on SRE-UMB section of UMB division.	SRE-UMB	118	ROB	UMB	UMB
15	CS-PB (UMB)	PB	Construction of 2 lanes ROB in lieu of LC No. Spl 1-A at Km 0/10-11 on Rajpura-Patiala section near Rajpura	RPJ-Patiala	Spl 1-A	ROB	CDG-I	UMB
16	CS-PB	UP	LHS in connection with ROB at Level Crossing no.C-48 at Km.48/8-9 between Baraut & Qasimpur kheri station. (Cost Sharing)	DLI-SMQL	C-48	LHS	SERD-I	DLI
17	CS-PB	HR	Construction of 2 lane Road Over Bridge in lieu of LC No. 139 at Km. 161/1-2 on Delhi-Bathinda section near Narwana Yard.	DLI-BTI	139	ROB	UMB	DLI

Northern Railway

यांत्रिकी
MECHANICAL

महाप्रबंधक की वार्षिक वर्णनात्मक रिपोर्ट 2024-25
GENERAL MANAGER'S ANNUAL NARRATIVE REPORT 2024-25



CHAPTER - VI

6.1 About the Department

Efficient and safe train operation is the outcome of synergic efforts of various departments in Railways. Role of Mechanical Department acquires importance as this department not only facilitates smooth & safe train operation by maintaining motive power & rolling stock but also plays a crucial role in restoration & relief work when flow of traffic is interrupted by any eventuality.

Mechanical department of Northern Railway is responsible for maintaining a total of 7744 coaches (4158 Non AC & 3586 AC coaches). An average 145.3Primary Based Mail/Express Trains and 48.2 Goods Trains are maintained every day.

6.1.1 Maintenance of mechanical assets is being undertaken at:

DIV.	Freight depots	Coaching depots
DLI	TKD, GZB, SSB Private siding – ICD/TKD, GHH, PT, AST, BDMJ, PWL, DWNA, MUZ	DLI, NDLS, HNZM, ANVT, DEE, MTC, JHI, PNP, SSB, ROK
LKO	LKO	LKO, BSB, AYC, SLN, RBL, MBDP, PYGS, JNU
FZR	LDH, JUC, ASR, FZR Private siding –DDL, GRFL/SNL	FZR, ASR, CIA,
JAT	PTK	SVDK, JAT, PTK, BDGM, MCTM, BJPL(NG), PTK(NG)
MB	MB	DDN, HW, NBD, MB, BE, BLM,RKSH, SPN, YNRK
UMB	UMB, KJGY, BTI, Private siding - CHA, ICAK-QRP, GPHK-QRP	UMB, KLK, SRE, NLDM, CDG, BTI, SML(NG), KLK(NG)

6.1.2 Periodic overhauling of assets on NR is undertaken at following shops:

S N	Workshop	Major Activities
1.	Jagadhri	• POH of AC & NAC ICF coaches
		• POH of AC & NAC LHB coaches
		• Overhauling of ICF & LHB bogies for IOH of coaches
		• POH of freight stock
		• RSP works of Coaching & Freight stock
		• Wheel supply to Divisions
2.	Charbagh, Lucknow	• Electric Loco POH,
		• SPART/SPARME POH,
		• DEMU & MEMU POH
		• Overhauling of ICF coach bogies for IOH
		• POH/SS-I of T-18 bogies
		• RSP work of DEMU/MEMU
		• Wheel supply to Divisions

3.	Alambagh, Lucknow	• POH of AC and NAC ICF coaches
		• POH of AC and NAC LHB coaches
		• Overhauling of ICF & LHB bogies for IOH of coaches
		• RSP works of coaching stock
		• Wheel supply to Divisions
4.	Amritsar	• Manufacturing of BOXNHL, BVCM, BRN and other wagons on demand basis
		• Fabrication of ICF bogie frames on work order basis
		• Wheel supply to Divisions
		• POH of wagon is being planned
5.	Kalka	• POH of NG coaches for Kalka-Shimla (KSR) & Pathankot - Joginder Nagar (KVR) sections.
		• Manufacturing & Rehabilitation of NG coaches.
		• Manufacturing of NG Wagons
		• POH of RMC (Rail Motor Car)
		• Manufacturing of NG components & Steam loco components for RE Steam Loco shed
6.	Sonipat	• MLR of LHB coaches
		• SS-I of LHB coach bogies
		• Maintenance of Vande Bharat is being planned

6.2 Coaching:

6.2.1 Maintenance of trains

Divn.	Depot	Trains based for PM	Trains based for SM	Trains based for TE	Passing through (Enroute watering)	Total
DLI	DLI	10	2	38	44	94
	NDLS	23	17	42	68	150
	NZM	12	24	21	31	88
	ANVT	23	1	30	0	54
	DEE	6	4	16	0	26
	MTC	3	0	4	0	7
	JHI	4	0	3	0	7
	KKDE	0	0	1	0	1
	Total	81	48	155	143	427
FZR	FZR	4	0	12	5	21
	ASR	15	5	27	4	51
	CIA	1	0	3	0	4
	LDH	0	0	0	82	82
	JUC	0	0	0	6	6
	Total	20	5	42	97	164

JAT	SVDK	8	4	8	0	20
	JAT	6	13	6	8	33
	PTK	0	0	0	8	8
	BDGM	0	0	0	0	0
	MCTM	0	0	7	0	7
	PTK (NG)	7	0	0	0	7
	BJPL (NG)	0	6	0	0	6
	Total	**21**	**23**	**21**	**16**	**81**
Divn.	**Depot**	**Trains based for PM**	**Trains based for SM**	**Trains based for TE**	**Passing through (Enroute watering)**	**Total**
LKO	LKO	9	2	17	216	244
	BSB	6	1	16	112	135
	AYC	2	1	9	0	12
	SLN	1	0	4	0	5
	RBL	3	0	5	0	8
	PYGS	4	0	15	0	19
	MBDP	1	0	5	0	6
	JNU	0	0	3	0	3
	Total	26	4	74	328	429
MB	DDN	4	0	14	0	18
	HW	2	0	11	18	31
	NBD	3	0	7	4	14
	MB	2	0	11	172	185
	BE	7	0	4	12	23
	BLM	4	0	0	0	4
	RKSH	0	0	6	0	6
	SPN	0	0	8	0	8
	YNRK	2	2	5	0	9
	Total	24	2	66	206	298
UMB	UMB	4	0	5	76	85
	KLK	3	1	5	0	9
	SRE	0	0	2	70	72
	NLDM	0	0	4	0	4
	CDG	6	4	11	0	21
	BTI	2	0	2	44	48
	KLK (NG)	7	0	0	0	7
	SML (NG)	0	7	0	0	7
	Total	22	12	29	190	253
	G.Total	**194**	**94**	**387**	**980**	**1652**

6.2.2 Primary Rakes based in Northern Railway

Division	No. of Rakes
DLI	122
LKO	41
FZR	42
JAT	19
MB	50
UMB	31
Total	**298**

6.2.3 Electrical Coaching (TL & AC)

Division	Coach Holding		Main Maintenance Depot
	AC	TL	
DLI	2409	2194	NDLS***, HNZM***, DEE***, DLI***, ANVT*** MTC**,ROK*, JHL*, JHI*
FZR	726	1066	JAT***, ASR***, SVDK***, FZR***, JUC*** PTK**, MCTM**
LKO	253	701	LKO***, BSB***, AYC***, MBDP*** PYGS** SLN*, JNU*, RBL*
MB	114	541	DDN***, BE***, HW***, YNRK***, BLM*, NBD*, MB*
UMB	104	374	CDG***, KLK***, DLPC***, UMB**, SRE**, BTI**
Total			
2024-'25	3606	4876	Total Coaches (TL & AC) = 8482
2023-'24	3492	4746	Total Coaches (TL & AC) = 8238
% Variation	+3.3	+2.7	Total Coaches (TL & AC) = +3%

*** Depots dealing with TL, AC & EOG coaches
** Depots dealing with both TL & AC coaches
* Depots dealing with TL coaches

Looking into the additional load of USBRL section, one new division (JAT) has been created during 2025.

6.3 Freight

6.3.1 ROH Depots:

CONVENTIONAL STOCK	UMB, KJGY, MB, GZB
BLC	TKD, MB, UMB

6.3.2 Goods Trains Examined Per Day

Division	Total
DLI	27.07
UMB	11.99
LKO	0.61

MB	0.55
FZR	7.80
JAT	0.18
Total	**48.20**

6.4 DEMU/ MEMU/ EMU Stock

6.4.1 DEMU Holding

		DPC		DTC		TC			SPIC	Total
Shed	700 HP	1400 HP	1600 HP	700 HP	1400 HP	700 HP	1400 HP	1600 HP		
JUC	7	48	0	13	0	15	106	0	2	191
SSB	2	26	6	1	0	0	80	24	5	144
BDGM	0	26	5	0	4	0	70	23	3	131
Total	9	100	11	14	4	15	256	47	10	466
Grand Total		**120**		**18**		**318**			**10**	**466**

6.4.2 DEMU Rakes and Utilization

Shed	No. of rakes	Daily Train services run
JUC	21	106
SSB	8	36
BDGM	7	20
Total	**36**	**162**

6.4.3 POH of EMU/MEMU coaches & tower wagons

S. No.	Activities	Target (2024-25)	Achievement (2024-25)
1.	POH of EMU/MEMU coaches	151	183
2	POH of tower wagons	19	16

6.4.4 Commissioning of newly received 8 car MEMU rakes.

S. No.	Rake no.	Received from	Received on	Commissioned on	Remarks
1.	248593-248594	RCF/Kapurthala	23.08.2024	16.09.2024	Sent to SRE
2.	248595-248596	RCF/Kapurthala	17.09.2024	18.11.2024	Sent to SRE
2.	248595-248596	RCF/Kapurthala	17.09.2024	18.11.2024	Sent to SRE

6.4.5 Commissioning of newly received 12 car EMU rakes.

S. No	Rake no.	Received from	Received on	Commissioned on	Remarks
1.	238897-238898	ICF/Chennai	30.03.2024	08.04.2024	-

2.	238899-238900	ICF/Chennai	22.05.2024	29.05.2024	-
3.	248157-248158	ICF/Chennai	28.05.2024	20.06.2024	-
4.	248159-248160	ICF/Chennai	28.05.2024	04.06.2024	-
5.	248161-248162	ICF/Chennai	12.06.2024	05.07.2024	-
6.	248351-248352	ICF/Chennai	29.07.2024	08.09.2024	-
7.	248710-248711	ICF/Chennai	04.12.2024	11.01.2025	-

6.5 Accident Relief Infrastructure

Div.	ARTs/ ARMEs/SPARMVs& BD Cranes				
	Location	Class of ART	ARME/SPARMV	BD Crane	HRE
DLI	DLI	A	SPARMV	140-T	BEMCO
UMB	UMB	A	ARMV	140-T	BEMCO
	BTI	A	SPARMV	140-T	MFD
	SRE	A	SPARMV	140T	BEMCO
	KLK(NG)	B	ARMV	--	MFD
FZR	FZR	B	ARMV	--	MFD
	ASR	B	SPARMV	--	BEMCO
	LDH	A	ARMV	140-T	LUKAS
MB	MB	A	SPARMV	140-T	MFD
	RAC	B	SPARMV	--	MFD
	HW	--	SPARMV	--	--
LKO	LKO	A	SPARMV	140-T	BEMCO
	AYC	B	ARMV	--	BEMCO
JAT	PTK	A	ARMV	140-T	BEMCO
	PTK(NG)	B	--	--	--
	BJPL(NG)	C	ARMV	--	--
	JAT	C (Tool Van)	---	--	MFD
	SVDK	A	---	140-T	BEMCO
	BDGM	--	SPARMV	--	MFD

6.6 Highlights of the year

6.6.1 Improved maintenance of Rolling Stock

6.6.1.A Workshop

S. No.	Good work	Description
1	SPIC Conversion at CBW	CBW successfully converted two SPICs from overaged MEMU MC coaches which have been nominated for NFR.

2	2nd Best Wagon POH cycle time (No of Wagons POH > 500 per month)	Wagon POH cycle time of 5.54 days achieved by JUDW in FY 24-25 which is 2nd best among the workshops having 500 wagons POH outturn per month over IR.
3	Conversion of ICF AC coach into NMGHS	AMVW has undertaken the initiative of conversion of ICF AC coach into NMGHS. As on date, NMGHS conversion is being done from ICF NAC coaches. Validation from RDSO is awaited, if successful, this will help in disposal of surplus over-aged ICF AC coaches.
4	Flameless Inspection Carriages	Alambagh Workshop has started the work of provisioning of flameless cooking equipment in inspection carriages under RSPs (LAW BOOK 708/24-25 & 709/24-25) covering 83 Nos. Qty (46 Nos. Non-AC & 37 Nos. AC).This initiative replaces the traditional use of LPG, thereby reducing the risk of fire incidents & thus creates a safer working environment. AMVW has tentatively planned for attending all inspection carriages by Dec'25.
5	Conversion of SAKSHAM	CBW & AMVW successfully converted the "SAKSHAM"-mobile training car, into Self propelled Tool Van (DPC-DTC module) for use in ART during KUMBH.
6	Conversion of ICF coaches into NMGHS	Jagadhri & Alambagh Converted 104 ICF coaches into NMGHS in FY 24-25 (JUDW-61 + AMVW-43).
7	NMG to NMGH conversion	Jagadhri & Alambagh Converted 95 NMG to NMGH in FY 24-25 (JUDW-8 + AMVW-87).
8	Overall POH cycle time of coaches	AMV ranked 1st in NR and 5th in Indian Railways with overall POH cycle time of 10.55 days in FY 24-25 (From 01-Apr-2024 to 31-Mar-2025).
9	IOH/SS-I Bogies supplied to division	3866 coach sets (1312 LHB + 2554 ICF) during the year.(Highest ever figure)
10	SS-I of Vande Bharat Version 2.0 rake	CBW along with Trainset depot, Shakurbasti carried out the SS-I of Vande Bharat Version 2.0 rake for the first time in July'24.

6.6.1.B Coaching

- Average ineffective of coaching stock during 2024-25 was 5.57% against Railway Board's target of 7.50%. This resulted in increased availability of coaches for traffic use.
- Average Ineffective of freight stock during 2024-25 was 2.75% against Railway Board's target of 2.75%. Hence, higher availability of wagons was ensured.
- ROH outturn during 2024-25 was 1018 wagons per month against 954 wagons per month during 2023-24. Hence, higher availability of wagons was ensured.
- Freight sick line outturn increased to 23952 wagons during 2024-25 against 21680 wagons during 2023-24.
- Freight hot axle cases reduced to 32 wagons during 2024-25 against 58 wagons during 2023-24.
- Freight train parting cases reduced to 11 wagons during 2024-25 against 23 wagons during 2023-24.

Proliferation of Head On Generation (HOG) system
(Environment, heritage preservation & promotion initiatives)

Due to inherent features like no noise and air pollution on account of diesel generator set

besides being energy efficiency & eco-friendly, proliferation of HOG system in EOG trains has been done over N.Rly.

- All 122 LHB type trains (151 rakes) have been made HOG compliant over N.Rly. & shifted to HOG from EOG over N.Rly. 10 trains (10 rakes) have been made HOG during 2024-25.
- Modification work to make the LHB coaches and power cars HOG compliant was done to complete all LHB stock.

Regular & special LHB trains worked on HOG scheme for 75.56% during 2024-25. This has resulted in a saving of approx. 3.54 Crore Ltrs (Approx. Rs. 317.8 Cr.) of HSD oil from April'24 to March'25 earning 94830 Tonnes of carbon credits also.

Retro-fitment of existing Fluorescent tube lights with LED lights in coaches

In order to improve the passenger amenities and recognizing the potentials of energy saving by providing LED lights, N.Rly has retrofitted existing FTL/CFL by LED lights in coaches to complete all AC & Non AC coaches.

This has resulted in substantial savings (halved energy consumption i.e. saving of approx. 4.5kW/hr per rake) besides improvement in coach illumination (30 to 65 Lux)

6.6.1.C Train set Introduction of New "Vande Bharat Express"

Two new Vande Bharat Express (VBE) Trains has been introduced in the year 2024-25 in NR.

S. N.	TRAIN NO.	ROUTE	COMMERCIAL RUN STARTED ON
1	22490/89	MTC-LKO	01-09-2024
2	22500/499	BSB-DGHR	16-09-2024

6.6.1.D DEMU SS-1 schedule of Vande Bharat Express completed

Shop Schedule (SS-1) is a comprehensive overhaul done every 18 months. The Shop Schedule for Vande Bharat Express trainsets is a periodic maintenance activity conducted at a workshop or depot to ensure the train's reliability, safety, and efficiency. It involves detailed inspection, servicing and repair of various components, including mechanical, electrical, and onboard systems.

Four SS-1 schedules of rake nos.IC1001, IC2002, IC2009 & IC2018 of VB rakes successfully completed, during the year 2024-25.

Fitment of Fire Detection and Suppression system (FDSS) in DEMU/DPCs

FDSS has been installed to detect fire incidents in critical areas and automatically suppress the fire to prevent escalation. This has improved the safety for both passengers and crew. The work has been completed successfully in 73 nos. DEMU DPCs during 2024-25.

6.6.1.E MEMU Trial of 20-Car 3-Phase MEMU rake in Sanehwal (SNL)-New Morind (NMDA) section.

3-Phase MEMU trains were operated with rake formations of up to 16 cars. As per the requirement of RDSO, formation of a 20-Car 3-Phase MEMU rake was planned for conducting extended trials. Accordingly, a 20-Car RCF/MEDHA MEMU rake (consisting of rake numbers 238670–238679–238676–228136–238678) was formed at EMU Car Shed, Ghaziabad. This involved arranging inter-vehicular couplers, required materials, and carrying out modifications as per the RDSO scheme.

The rake was turned out from the shed to Chandigarh (CDG) on 07.12.2024, with a dedicated team of SSEs, JEs, and staff deputed at CDG to ensure readiness for trial. After rake loading, the trial was successfully conducted jointly by EMU Car Shed/GZB and RDSO on 24.12.2024 in the Sanehwal (SNL) – New Morinda (NMDA) section. The scope of the trial included:

- Coupler force measurements
- Stationary test
- Emergency Brake Distance (EBD) tests under wet and dry rail conditions Parking brake

6.7 Developments in EMU/MEMU Car Sheds

6.7.1 Development of Inspection Car no. 329

A new Inspection Car was developed by converting an overage MEMU Motor Coach no. 30029 by EMU Car Shed, GZB. This has been completed within three months' time with provision of latest facilities (mentioned under) and inaugurated by MT&RS during his visit to shed on 27.01.2024. The details of work carried out are as under:

i. Complete interior fabrication & best wooden work with false ceiling both in executive & non-executive portion.

ii. Entirely re-designing of one end cab and modifying the other end cab to give a better look.

iii. Shifting of LT compartment near the HT compartment to have a spacious larger size executive portion.

iv. Provision of 28 executive type seats in executive portion & 18 seats for staff & supervisors in
non-executive portion.

v. Provision of western style commode, mirror & wash basin in the toilet of executive portion.

vi. Modular Kitchen in Executive Portion with pantry racks, oven, chimney, refrigerator etc.

vii. Provision of a toilet in non-executive portion for staff & supervisors.

viii. A fine finishing work in the exterior of body cell followed by better quality light pleasant colour painting to give an aesthetic look.

ix. Provision of Bio-toilet in the Inspection Car.

x. Traditional man-made regional paintings have been provided to give it an exotic look longer 3-Phase MEMU rake operations.

6.8 New Work Commissioned during 2024-25

(i) Various facilities at **Trainset Maintenance Depot, Shakurbasti** which are first of its kind have become operational.









ii) Work of "**Electrification of Washing Lines at Katra (SVDK) station over**" costing Rs. 2.99 cr. has been completed in PH-42.



iii) Work of "**Charbagh Workshop - Heavy repair work and extension of shed including other related work for creating facilities of DEMU/EMU POH, in the old Diesel shop**" costing Rs. 2.32 cr. has been completed in PH-42.



iv) Work of "**Construction/repair of boundary wall of Alambagh Workshop**" costing Rs. 2.35 cr. has been completed in PH-42.



v) Work of "**Improvement in infrastructure facilities for Wagon examination by Repair of pathways & provision of lights in yards at UMB**" has been completed in PH-42.





vi) Work of “**Provision of End On Generation (EOG) testing facilities works at YNRK over MB Division**” costing Rs. 1.58 cr has been completed in PH-42.



vii) Work of “**Up-gradation of 26 Coach Length New Washing Line, Sadar at Lucknow as per latest CAMTECH drawing**” costing Rs. 3.41 cr. has been completed in PH-42.



viii) Work of “**Augmentation/Upgradation of resources and infrastructure at Amritsar Workshop for increasing production and reduction of cycle time of wagon manufacturing**” costing Rs. 2.95 cr. has been completed in PH-42.





ix) Work of "**Horizontal Roof Lifeline for fall Protection for working at height confirming to IS 3521 (Part 8): 2021 at ASRW**" costing Rs. 0.95 cr. has been completed in PH-42.





x) Work of "**Delhi - Provision of 750 V power supply for testing & maintenance of EOG coaching rolling stock at washing line/sick line**" costing Rs. 34.28 cr. has been completed in PH-42.

xi) Work of "**Lucknow - Provision of 750V power supply for testing & maintenance of EOG coaching rolling stock at washing line/sickline over LKO Division**" costing Rs. 7.29 cr. has been completed in PH-42.

6.9 Major high value M&Ps (costing more than 50 laks) Commissioned during 2024-25 under PH-41:

i) **EOT CRANE-10 Ton** commissioned on 18.02.25 at Jagadhri Workshop.



ii) **3150 KVA, 66/11 KV, YNyn0, ONAN** cooled power transformer complete with all fittings commissioned on 12.12.24 at Jagadhri Workshop.



iii) **TRAVERSER 80T 2 track** commissioned on 20.04.24 at Jagadhri Workshop.





iv) **Spare power pack**, control table and spare hydraulic hose pipe set for ART commissioned on 07.08.24 at Bhatinda, Saharanpur & Ambala.





6.10 Ongoing Major Projects

- **Setting up of Train set depot at SSB in PH-42** Composite tender for Civil, Elect., S&T and Mech. works had been awarded on 05.04.22 to M/s HYT, Pune. Work is in progress for 1st phase and is advanced stage of completion. RE has been sanctioned by RB on 03.04.25.

- **Mission Raftar project for raising of speed to 160 KMPH on NDLS-BCT route in DLI area and NDLS-HWH route in LKO area**

  - **Creation of mechanical maintenance facilities at DLI area:** 50% work completed during FY 2024-25.

  - **Creation of mechanical maintenance facilities at LKO area:** 70% work completed during FY 2024-25.

USBRL project

- Work of construction of the 3rd washing line at **Shri Mata Vaishno Devi Katra** is almost completed, only hydrant work is pending and is expected to be completed by Jun ’25.
- Work of construction of 02 new dual-pit inspection lines with covered shed being constructed for LHB/Vande Bharat maintenance in place of existing old washing lines at Badgam. Work likely to be completed by Oct ’25.
- For work of extension of DEMU Shed from 8 coaches to 12 coaches at Budgam, Civil & Elect. works have been completed during 2024-25. M&Ps are under procurement. Work for further extension to 16 coach length has also been sanctioned by RB. Tender for the same has been awarded on 26.03.25. Soil testing done. Drawing and design under approval.
- Work of ‘**Development of freight and Goods maintenance facilities at Budgam**’ is in progress and is expected to be completed by Jun ’25.
- Work of sick line shed with EOT crane provision at **Badgam** has been sanctioned by RB and is being executed by CAO/C/USBRL. Tender awarded on 26.03.25. Soil testing done. Drawing and design under preparation.
- The ‘Quick Watering Arrangement’ work is currently in progress at **Badgam**, Srinagar and Jammu Tawi and is expected to be completed by Sep ’25.

6.11 New Works sanctioned under PH- 42

Works sanctioned for upgradation of maintenance infrastructure for Vande Bharat trains and other rolling stocks at Coaching Depots, Freight Depots, Workshops, DEMU/EMU Car Sheds, Diesel Sheds and Electric Loco Sheds under Umbrella works (PH-42) and GM lumpsum power during FY 2024-25 are as under:

- 01 no. proposal of BSB costing Rs. 48.48 cr. has been sanctioned by RB in umbrella work 2022-23.
- 06 nos. proposals of ELS/LDH, BDGM DEMU Shed (12 to 16 coaches), BDGM sickline, JAT (750V), AMVW (store) & SVDK (Trip shed) costing Rs. 140 cr. have been sanctioned by RB in umbrella work 2023-24.
- 18 nos. proposals of LKO (3) & KJGY ROH depot (2), BSB, EMU Car Shed/GZB, AMVW, ASRW, CBW, JUDW, DLI (2), KKDE, MB (2), HW and UMB costing Rs. 62.08 cr. have been sanctioned by GM/NR in umbrella work 2023-24.

- 06 nos. proposals of AMVW, ASRW (2), JUDW (2) and LDH Diesel Shed costing Rs. 29.39 cr. have been sanctioned under GM lumpsum power in 2024-25.

6.12 Other Initiatives in NR

6.12.1 Zero Waste Railway Colony at S.P. Marg and San Martin Marg Railway colonies

A pilot project for transformation of premier colonies of NR, namely S.P. Marg and San Martin Marg Railway Colonies into Zero-Waste colonies, through a collaborative partnership with the Why Waste Wednesdays Foundation, on a pro bono basis have been undertaken. A zero-waste colony is a colony from which waste sent to the landfill is minimal or as close to nil as possible. Thus, most of the wet waste generated in such colonies is processed within the premises and dry waste is segregated and reused/recycled by involving the informal sector/authorized recyclers in accordance with Solid Waste Management Rules 2016 and amendments thereto.

Why Waste Wednesdays Foundation conducted a profiling of the households and collected data regarding the existing waste management system through a door-to-door survey by the volunteers. From February 14 - March 17, 2024, housekeeping staff of the contractor and volunteers from WWWF conducted door-to-door awareness campaigns in the colonies. Flyers were distributed by DLI division educating residents about wet and dry waste distributed to households.

An MRF and composting plant, along with leaf composters, have been installed at SP Marg Colony and are currently functional. Additionally, the newly constructed MRF and composting plant at San Martin Marg Colony were completed in May 2025 and will begin operations shortly. The next phase of development includes establishing a Reduce-Reuse-Recycle (RRR) center at SP Marg Colony.

6.12.2 First Time Energy Audit of Shed by BEE Certified Firm.

A team of M/s SABS Energy Enviro Pvt Ltd, Indore, M. P. visited EMU Car Shed, Ghaziabad on 27.05.2024 for conducting energy audit of shed which was due since long. They have checked various parameters and appreciated the steps taken by shed towards energy conservations. This kind of audit has been conducted for the 1st time in shed and shall be beneficial to shed for further improvements.

6.12.3 First External Surveillance Audit of ISO: 9001-2015 & 5S on 27.05.2024.

A team of External Auditors visited EMU Car Shed, Ghaziabad on 27.05.2024 for conducting 1st Surveillance Audit of ISO: 9001-2015 & 5S standard. They have checked all the parameters, house-keeping & maintenance procedure of the most of the section and found in order. The practices adopted by shed have been appreciated by them & few suggestions were also given by them for further improvements.

6.12.4 First time Thematic Painting work on the Walls of Shed.

EMU Car Shed has been accredited with the GreenCo Bronze rating by the Confederation of

Indian Industry (CII). In line with the suggestions received for further training and awareness of staff regarding the GreenCo policy, the Shed has undertaken several initiatives to promote environmental consciousness and related themes.

One of the key initiatives is the thematic wall painting project. Various sections of the Shed—especially the front and side walls, as well as the gallery of the administrative building—have been adorned with vibrant murals depicting themes such as environmental conservation, Swachhata (cleanliness), sports, forest and energy conservation, water preservation, monuments, cultural heritage, and social awareness.

These paintings have significantly enhanced the aesthetic appeal of the Shed premises, creating a visually engaging and motivating environment from the entrance up to the workplace. This initiative, undertaken for the first time in the history of the Shed, has brought a sense of pride and positive energy among the staff.



6.12.5 Award of "Best Maintained DEMU/MEMU/EMU Shed" Shield to GZB/Shed.

EMU Car Shed, Ghaziabad has been awarded with a shield of "**Best maintained DEMU/EMU/MEMU shed**" during 69th Railway Week function-2024 organised at National Rail Museum, New Delhi on 23.01.2025. This is a glorious & proud moment for entire team of shed.





6.12.6 Great appreciation & award of Rs. 25,000/- for commissioning &turning out new MEMU rake in a record time of single day.

One 3-Phase MEMU 8-Car RCF/MEDHA rake (239053-239054) was received in EMU Car Shed, Ghaziabad on 26.03.2024 from RCF/Kapurthala with loco attachment. As per short notice from HQ, a directive was received to induct a 12-Car rake into passenger service within a day, requiring immediate commissioning of the 8-Car rake and the addition of another unit of 4 coaches.

Accepting this challenging task, the shed promptly deployed a team of hardworking supervisors and staff. With meticulous planning and coordination, commissioning of the 8-Car rake was successfully completed on 27.03.2024. Subsequently, a 12-Car rake was formed and all necessary testing was completed the same day. This marks the first instance in the history of EMU Car Shed, Ghaziabad, where such a task was accomplished within a single day. The rake was turned out directly for passenger service—train no. 04336 in the GZB-MB section—on 28.03.2024, without any prior trial run.The exemplary effort has been highly appreciated by PCME/NR, who immediately sanctioned an award of Rs. 25,000/- for the team in recognition of this achievement.

GM sanctions:

By close coordination with other Departments, 22 GM sanctions (Chg. - 13,Frt. - 9) were taken during the period.

6.13 System Improvement

Following COEs were developed by NR Workshops in 24-25: -

a) Jagadhri Workshop- BMBS (WR) section:-

Objective: -

- Center of knowledge for BMBS.
- Dismantling, assembly and testing of BMBS Brake Cylinder Assembly.

Facilities : -

- Ergonomically designed benches to assemble and disassemble the cylinders

- Hydraulic presses for easy assembling and disassembling of cylinders
- Automation for smooth operation for overhauling
- Exploded as well as cut model for better understanding of system
- Mechanized system i.e. conveyor, Gantry Crane etc. for Handling of cylinder parts









b) Alambagh Workshop- Motor Repair Section:-

Objective:-

- Monitoring and testing of parameters to avoid errors.

Facilities

Bearing of RMPU blower motors is replaced with the new one in all LHB coaches & then motor run test is performed for 15 minutes and following parameters are noted:

- Temperature Rise
- Vibration of bearing is checked through Shock Pulse Meter
- Current drawn by motors

After complete assembly & testing, motors are sent to RMPU section for fitment & final testing along with the RMPU.



c) RCNK, Sonipat: Air Brake Section:-

Objective:

- To conduct all prescribed Air Brake Tests

Facilities:-

- Testing Facilities of Disc Brake cylinder, Distributor Valve, Small components, FIBA device etc.
- For training purpose related to LHB coaches



6.13.1 Commencement of ROH at Wagon Care Centre, GZB

The Sick Line at GZB depot has been officially approved as C-class ROH depot vide Railway Board dated 15.07.2024. First wagon no. 55020160029 ER BRNA was made fit after ROH at GZB on 21.08.2024.







6.13.2 Installation of Rake Testing Rigs (RTRs) at Dhandari Kalan (DDL)

Two new RTRs have been installed for examination Line No. 16 & 17 at DDL on 04.02.2025 for air pressure testing of BLC rakes.



6.13.3 Installation of Hydraulic Huck Bolting Machine at Tughlakabad (TKD)

01 no. Huck bolting machine which provide a permanent, vibration-resistant Joint without the need for secondary locking mechanisms or welding.





6.13.4 Hydraulic Shearing Machine at Tughlakabad

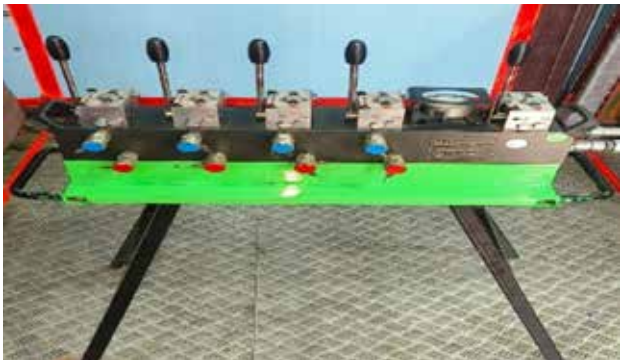
The Tuglakabad Wagon Care Centre has recently commissioned a Hydraulic Shearing Machine has been commissioned at Wagon Care Centre, Tughlakabad. The key features of machine include high precision cutting for fabricating and repairing wagon components, increased productivity due to its ability to handle high workloads in reduced time, high durability and reliability as it is built to withstand rigorous use, secure working environment for staff as enhanced safety features are integrated into the machine and sustainability due

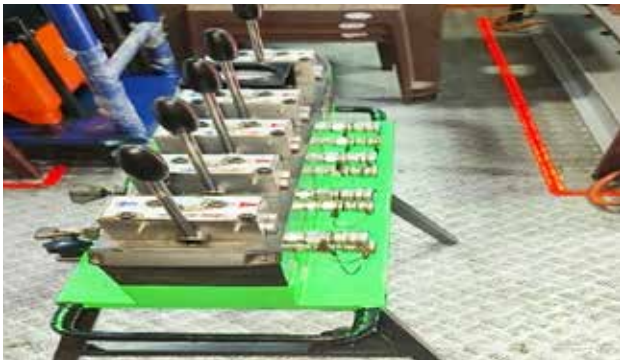
to optimum energy usage. The machine is currently being used for cutting and shaping metal sheets and plates, fabricating custom components, repairing structural elements of wagons and preparing materials for retrofitting & upgrades.



6.13.5 Hydraulic Re-railing equipment Control Table at NDLS

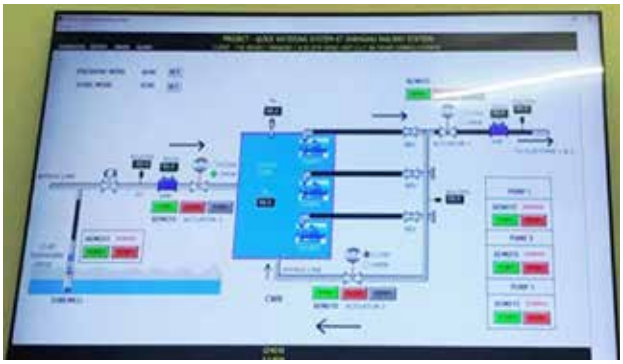
Road Mobile Breakdown Van, NDLS has recently commissioned a control table in standby of the existing control table for hydraulic re-railing equipment. The benefits include operational continuity, improved safety and faster recovery as backup system minimizes response time in critical situations.





6.13.6 Installation of Quick watering systems

Quick Watering system were installed at NDLS, NZM, SHG, SLN & LKO (Upgradation) during the period to ensure full en-route watering of coaches.The system consists of water pumps, Supervisory Control and Data Acquisition (SCADA) control panel, pressure sensor and digital flow meter in header.





6.13.7 Provision of 750V supply in washing lines for maintenance & pre-cooling of EOG/HOG trains

Rake maintenance/pre-cooling of HOG/EOG rakes is still being done through running power cars which is major reason of diesel consumption (Approx. 25000 ltrs/month). Total 58 out of 86 washing lines with pit lines were identified for provision of 750V external power supply for maintenance & pre-cooling of EOG/HOG trains, 6 washing lines have been completed during 2024-25 (Cummulative-58), work under execution at 28 washing lines. This is eco-friendly due to its inherent benefits like no air & noise pollution as well as potential revenue saving as diesel will be saved by non-running of DG sets. This will save HSD oil.





6.13.8 Automation of RMPU Testing and Monitoring system

RMPU testing at JUDW & AMV(W) was intensified during the year. The salient features are:

- Real time display of Parameter such as Voltage, Current of all fan motors & compressors, Temperatures & pressures of different portions of refrigerant cycles
- Automatic Control of heat load in cooling chamber at desired level during testing
- Calculation of Cooling efficiency of RMPU AC units
- User friendly online access on phone & PC through App/software
- Report generation in PDF format for backup and online access
- Generation of all logs and Data recording after every ten minutes during testing
- Incorporation of additional inputs in test reports such as RMPU Sl. No. Coach No., Unit Make, Staff details etc.
- This will ensure Automation of testing procedures and data records, Elimination of human errors during testing and calculation of cooling efficiency, Improve reliability of RMPU AC units during train service and Energy savings due to automatic controlling of heating & cooling parameters.



Display of the monitor



Automated DATA acquisition system

6.13.9 Provision of power factor corrector capacitors in EOG coaches & power cars

To enhance the capacity utilization of DG sets, EOG coaches were provided with power factor corrector capacitors. This improves the power factor resulting in smooth power supply without overloading and enhancing the existing rake loads. Proper working of these capacitors is ensured during primary maintenance by the divisions.

6.13.10 Development of advanced VCB testing chamber cum commissioning of HV tester with VCB test bench, VCB Analyser & Contact resistance meter

A state-of-the-art Vaccum Circuit Breaker (VCB) testing chamber has been developed and commissioned at EMU Car Shed, replacing the earlier in-house testing panel. This new facility is equipped with advanced testing equipment, including a High Voltage (HV) Tester, VCB Test Bench, VCB Analyser, and Contact Resistance Meter.

The chamber enables safe and accurate testing of various types of VCBs, with capabilities of testing up to 40 kV. It allows for comprehensive evaluation of all critical parameters, significantly improving the efficiency, precision, and reliability of VCB testing. To ensure safe and effective operation, detailed system-testing instructions for both high and low voltage testing of VCBs have been prepared and prominently displayed on the outer wall of the testing chamber. These instructions serve as a clear and accessible guide for maintenance staff, promoting adherence to safety protocols and standard procedures.





6.13.11 Modification in Contactor of main Compressor (MCP)

In EMU/MEMU Motor Coaches, a Main Compressor (MCP) contactor is provided to ensure timely operation of the compressor as per system requirements. However, there have been instances of permanent sticking of the contactor's contacts, leading to continuous running of the main compressor and resulting in overheating of the contactor. Upon investigation, it was found that the knuckling spring provided in the moving contact assembly—meant to return the set coil to the de-energized position—was getting stuck due to arcing at the main contacts. To address this issue, the Shed has implemented a modification by adding an additional spring in parallel to the existing knuckling spring. This additional spring provides supplementary force to effectively bring back the moving contact, thereby preventing contact sticking.

The modified MCP contactor has been installed on a trial basis in two Motor Coaches during August and September 2024. The performance of the modification is currently under observation.



6.13.12 Arrangement of Digital Wheel Dia Gauge

A digital wheel diameter gauge has been procured for measurement of wheel dia of EMU/MEMU coaches. With this, regular measurement of wheel dia shall be possible and the gauge can be used by a single person to take accurate measurements with a very less scope of error.



6.13.13 Procurement of two fork lifter

In order to smoothen in-house material transportation & handling, one no. new fork lifter with capacity of 5.0 Ton and one no. battery operated fork lifter (02Ton) have been arranged. This has provided a lot of convenience for safe & fast material handling at EMU/Store Depot & also during maintenance of EMU/MEMU coaches in shed.





6.13.14 Transformer Oil-pipeline modification in two MEMU Motor Coaches

As per instructions issued vide Railway Board letter No. 2022/Elect(G)/113/3 Fire dated 18.11.2024 and earlier as per ICF letter and Drawing No. MD/DSS/EMU/168 AC EMU dated 31.08.2024, regarding the “Modification of Transformer Oil Pipeline Arrangement and Auxiliary Reservoir in Conventional EMU/MEMU,” EMU Car Shed has carried out partial modification of the transformer oil pipeline in two MEMU Motor Coaches initially.



Subsequently, this modification has been completed in an additional twenty-five MEMU Motor Coaches. The remaining part of the modification work, pertaining to the auxiliary reservoir, will be undertaken upon receipt of the required materials.

The transformer oil pipeline modification has resulted in the creation of additional space, thereby enabling easier access for inspection and tightening of transformer secondary connections. This enhancement facilitates smoother maintenance of transformer secondary power connections located at the rear side of the rectifier during scheduled inspections and is expected to improve the overall reliability of MEMU train operations.

6.14 Infrastructural Improvements

6.14.1 Up-gradation of Coaching Maintenance Facilities at Coach Care Centre, NDLS

Under the scope of ongoing work of “Upgradaton of Coaching Maintenance Facilities” as part of the “Mission Raftar Project”, all weather working covered shed has been provided on Washing Cum Pitlines No. 11&12 at Rajdhani Maintenance Complex of New Delhi, which is one of the technical requirements specified by Rly. Board for coaching stock maintenance for speed up to 160/200 kmph. Both the ‘Washing Cum Pit-lines’ have also been equipped with overhead electrification for the maintenance of Vande Bharat Train-sets as well.






6.14.2 Construction of new washing line at Coach care Centre, DEE:

Construction work of washing line no. 2 has completed at Coach Care Centre, DEE and has been made operational since 13/08/2024.




6.14.3 Extension of track for pit wheel lathe located at Anand Vihar Terminal (ANVT):

Track for pit wheel lathe at ANVT towards DLI end has been extended to allow for the accommodation of two more coaches at a time, facilitating the turnout of three coaches per day.

6.14.4 Maintenance infrastructure for USBRL section Badgam

- DEMU/MEMU Shed - Extension from 8 coach to 12 Coach length. Civil & Elect. works have been completed during 2024-25. M&Ps are under procurement. Work for further extension to 16 coach length hasalso been sanctioned by RB. Tender for the same has been awarded on 26.03.25. Soil testing done. Drawing and design under approval.
- Work of construction of 02 new dual-pit inspection lines with covered shedbeing constructed for LHB/Vande Bharat maintenance in place of existingold washing lines at Badgam. Work likely to be completed by Oct ’25.
- Work of sick line shed with EOT crane provision at Budgam has been sanctioned by RB and is being executed by CAO/C/USBRL. Tender awarded on 26.03.25. Soil testing done. Drawing and design underpreparation.

6.14.5 Automatic Coach Washing Plant

Automatic Coach Washing Plant (ACWP) have been commissioned at **Chandigarh** (Oct ’24) and **JUC DEMU Car Shed** (Nov ’24) resulting in saving of water and saving of revenue which is being incurred on contractual external washing of coaches and cost of water.



ACWP at Chandigarh



ACWP at JUC DEMU Car Shed

Quick Watering System

Quick Watering System has been commissioned at **New Delhi** (14.05.24), **Hazrat Nizzamuddin** (13.05.24), S**hahganj** (10.06.24), **Sultanpur** (17.08.24) and Ayodhya (22.01.25) stations under PH-53. This has resulted in manpower reduction in valve operation, proper flow to ensure full watering in limited time, improved watering in case of bunching, water saving and flow/pressure monitoring and uninterrupted water supply in peak summer.





Quick Watering System at Hazrat Nizzamuddin

6.14.6 Infrastructure Upgradation for Enhanced Maintenance Efficiency

A significant infrastructure upgradation has been completed, focusing on the construction of high-quality flooring and pathways to facilitate smoother maintenance operations.

Flooring Construction

Previously, the absence of flooring between WRP lines, TW lines, and Major Repair Shed lines hindered proper coach maintenance due to the presence of soft sand-type soil with bushes. To address this, better-quality concrete flooring has been constructed, spanning two-three coach lengths. This upgrade enables carrying out following activities at these locations:

1. Battery provision in coaches.
2. Exterior and interior painting of coaches.
3. Light and fan overhauling in coaches.
4. Maintenance of front safety lights (headlight, flasher light, Tail Light, etc.) in coaches.
5. Maintenance of pneumatic items such as E. P. Unit & Air Drier in coaches.
6. Similar maintenance activities in Tower Wagons.

Wide Concrete Pathway Construction

A wide concrete pathway has been built to connect the inspection shed to SMM Store, replacing the old, weak, and narrow pathway. This upgrade provides:

- A safe and short route for material transportation.
- A convenient route for staff movement between SMM Store, Administrative Block, Time Office, and inspection shed.

  These infrastructure enhancements have not only streamlined maintenance and material handling but also improved the overall appearance of the surrounding area and workplace.





6.14.7 Construction of 2-wheeler and 4-wheeler parking area.

There has been a long pending issue of bike/cycle/car parking in shed. Monkeys were damaging the cushion seats & other parts of bikes. After continuous efforts, parking area has been constructed which would be very useful to employees of shed and has also improved the aesthetics of shed. Entire steel structure of this parking stand have been painted with better quality reflective paints which significantly improved safety during night hours & low-light conditions thereby enhancing overall visibility in entire parking zone of shed.




6.15 Excellence in Safety

Jagadhri Workshop-

Development of Fixture for checking ATLs:- Body Shop/Wagon Repair in JUDW in-house developed a fixture for checking degree of rotation of ATL (Automatic Twist Lock) Twist head by using torque wrench, metal compass and box shaped unit. It serves for easily testing rotational functionality of ATL at torque values provided by OEM.





Charbagh Workshop

Gear case felt treatment:- Significant cardium leakage was observed from the half wiper (gear case felt) fitment position in multiple coaches, leading to unscheduled repairs. The leakage was primarily due to the use of unsuitable felt material, improper installation and insufficient lubrication. To address the issue, the following corrective actions were implemented:

Material Upgrade: Adopted high-density felt material as per IS 1719:2000 for improved durability. Process Improvement: Introduced a new process for treating the felt using heat and oil, as outlined in SMI 218. This involves:

- Heating lube oil to 70-80°C for 10 hours.
- Drying felt strips at 50-60°C for 2 hours.
- Submerging felt strips in heated lube oil at 100°C for 15 minutes.
- Cooling the submerged felts in lube oil for 2 hours.
- Final fitment of treated felts in the gear case.

Alambagh Workshop:-

Testing facility of RCBOs (Residual Current Circuit Breaker with Over current protection) in LHB TL Lab:- Testing facility of RCBOs helps in measuring the leakage current of 30 mA in addition to the over current. Due to precise measurement of leakage current, the reliability of RCBOs has been improved and enroute failure cases of RCBOs has been reduced significantly.





Restoration of Lining Gantry in USBRL section

The staff of RMRV/SVDK helped in the restoration of Lining Gantry at Railway tunnel T-33 in USBRL section on 12.10.2024 that had derailed by one wheel and got stuck up inside T33 tunnel. The alignment of lifting jack supporting roof shutter was also disturbed. The task of re-railing of gantry was challenging as staff had to work in flooded conditions in tunnel. Also, lining shutters had stuck up with the concrete tunnel lining, leaving less room to carry out lifting operation. Mis-aligned Hydraulic Lifting Jacks of the gantry made the work even more tedious. However, staff showcased strong temperament and firstly ensured safety of gantry and shutter by providing support with wooden wedges and then patiently carried out the re-railing work with the help of Lifting Jacks.



Rescue operation mock drill at Wagon Care Centre,Tuglakabad

Mock drill for rescue operation was conducted at Wagon Care Centre, Tuglakabad/ Sick Line by Local Police, RPF, Fire and Emergency Services, Medical Response Teams, National Disaster Response Force (NDRF)and Railway staff on 13/09/2024.



Fire fighting training at Prayagraj Sangam (PYGS)

Fire fighting training was provided to staff of Prayagraj Sangam depot on 19.11.2024.

Monitoring of Rail Madad

Passenger complaints lodged on the Rail Madad portal are being monitored on real Time Basis round the clock at HQ & are promptly attended by the onboard staff to minimize the response time.

Implementation of Escorting App. for entering defects observed enroute

An Android App has been developed by CRIS for entering defects observed enroute in coaches, running of DG sets, HOG running hours & fueling in power cars. Divisions have been advised to ensure entry in App for real time monitoring.

Replacement of bellow duct with Meta Aramid fabric bellow duct

As a measure of reliability improvement, replacement of bellow duct with Meta Aramid fabric bellow duct is being carried out in LHB AC coaches as per the directives of RDSO/LKO. This has to be completed in 1325 coaches. In 1st phase work for 530 coaches has been awarded 221 coaches have been completed during 2023-24 completing all 530 coaches.



Aerosol based fire extinguishers for AC coach panel

For Aerosol based fire detection and suppression system Rly Bd. has allotted work in Rly Bd. bulk RSP 2023-24 for 1786 LHB AC coaches & 578 SGAC coaches. Work awarded to M/s Rasika International for 1340 coaches & to M/s J. K. Exim for 446 coaches. Work completed in 1733 (1306 + 427) coaches during 2024-25 (Work completed).

Cleaning of Radiator after separating CAC & Radiator

To improve reliability of diesel engines provided in power cars, 100% stripping of Radiator has been started at JUDW workshop during POH from Dec'2023. Also, CPCB-II Engines have radiator unit in two parts (CAC & Radiator). Cleaning of CAC & Radiator fins from both side after separating both parts is being ensured at JUDW workshop. Engine internal scale removing is being ensured using Ready wash during POH. External cleaning of Radiator is being ensured at depot also.



Before cleaning



After cleaning

Water leakage test for RMPU trough

JUDW has started conducting water leakage test for trough area and staff was using rugs and other similar type of materials for plugging of water drain holes from where seepage of water could be seen during leakage test. To stop this water seepage special plugging device has been developed by using fastener and rubber seal gaskets. Extended fastener is placed through one end of drain to other end and tightened with rubber gasket on both ends this ensures zero water leakage through drain holes during testing.



Provision of safety rope for securing Z.S. Coupler

DLI division has provided safety rope on the rear end ZS couplers of LSLRD/ Power Cars to avoid their falling on track during running of train enroute.



Provision of Projected SS Collar Ring around the condenser air out let in RMPUs

Provision of projected SS Collar Ring around the condenser air out let in RMPUs for better condensation and comfort cooling by avoiding short circling of air is being done at all depots over NR. These have been provided in all coaches.



Conversion of 100 VA feeder control transformer to 200 VA control transformer - 1649 LHB AC coaches & 256 power cars

To improve reliability of coaches during running on HOG supply, conversion of 100VA feeder control transformer to 200VA as per directives of RDSO/LKO has been taken up & completed in 1348 coaches & power cars (DLI-839, FZR-181, UMB-95, LKO-92, MB-62, AMV-21 & JUDW-58) during 2024-25.

Replacement of DC carriage fans with BLDC fans in GS coaches

Conventional DC carriage fans are failure prone as these use carbon brush and also consume more power. As a measure of safety & reliability improvement, energy efficient Brush Less DC (BLDC) fans are being provided in GS coaches during POH.

Fitment of Fire Detection and Suppression system (FDSS) in DEMU/DPCs

FDSS has been installed to detect fire incidents in critical areas and automatically suppress the fire to prevent escalation. This has improved the safety for both passengers and crew. The work has been completed successfully in 73 nos. DEMU DPCs during 2024-25.

Virtual Meeting on Quality Issues of CBW POH coaches on 03.05.2024.

There have been huge shortcomings, deficiencies & unscheduled lifting in OFF-POH MEMU coaches POHed by CBW, which were communicated from time to time to CBW. In connection with this a virtual meeting was organised on 03.05.2024, in which, officers & key supervisors from both side were present. The meeting started with a presentation of EMU Car Shed, Ghaziabad. All the failures reported within 100 days, Major Failures & Unscheduled lifting cases were discussed and suggestions given for improving POH quality & reducing failures. Other issues were also discussed to streamline the system. This meeting was quite successful and also served as a platform for knowledge sharing.

Divisional level safety meeting on 01.05.2024& 02.01.2025.

A divisional level team headed by Sr. DSO/DLI conducted a safety meeting at EMU Car shed, Ghaziabad on 01.05.2024& 02.01.2025. After an initial address by Sr. DSO/DLI on the importance of safety, all the points related to fire prevention & avoiding derailments

were discussed with concerned SSE/JEs. They have also advised to ensure the tightness of electrical connections of cables of coach and keep electric panels neat & clean. Emphasis on proper techniques for carrying out safe shunting of coaches was also given All Section Inchargesalongwith shunting staff & shunters (LPS) have participated in the meeting and also given their suggestion for further safety improvement.



Seminar & practical training on safe isolation & closing of OHE of Inspection & Washing Pits

A safety & practical training on safe isolation & closing of OHE of Inspection & Washing Pits was conducted on 30.05.2024. The procedure & guidelines to be followed before isolation of OHEs and closing of same after completion of work by respective sections were told to the staff & supervisors of concerned sections. Proper earthing measures were also explained for safe working of staff on roof & underframe of EMU/MEMU rakes. Instructions were given for immediate & record keeping entry in registers for OHE isolation & closing. Consequences of accidents in case of even minor negligence by staff & supervisors were highlighted.This seminar & training session was attended by most of the staff & supervisors of Running, Shunting, DJ& Pantograph sections of shed and is a step towards safety.





Conducting Weekly Training/Mock-drill/Demonstration for fire prevention.

In connection with fire prevention, three groups of Senior SSEs have been nominated for ConductingWeekly Training/Mock-drill/Demonstration session in different areas such as “fire

prevention in EMU/MEMU coaches", "fire prevention in shed premises/installations" & "case study of smoke/fire/derailment/accident". A total of ten such training & sessions have been conducted which has improved awareness & skills of supervisors & technicians towards fire & accident prevention.



Training on Quick & Proper operation of Fire Extinguishers

A team of M/s Crash Fire visited EMU Car Shed, Ghaziabad on 15.05.2024 & 13.06.2024 for conducting training on quick & proper operation of Fire Extinguishers. They have demonstrated it by conducting a mock drill in order to train supervisors & staff in extinguishing fire in minimum possible time. Most of the running staff & supervisors have attended the mock-drill and gained the benefit.









Completion of monsoon & weak-long safety drive.

In compliance to HQ instruction, 15 days monsoon drive has been conducted from 22.06.2024

to 06.07.2024. A total of 619 coaches have been checked & attended with respect to all parameters regarding monsoon preparedness. A weak-long safety drive has also been successfully conducted from 12.07.2024 to 18.07.2024. These drives have improved amenities of passengers and safety & reliability of EMU/MEMU trains.

Successful completion of Railway Board's special drive on coach maintenance.

In compliance to Railway Board's directive (letter no. 2025/safety-1/3/2/2 dated 06.02.2025), shed has successfully completed a special drive from February 13 to March 19, 2025 on coach maintenance. The drive consisted of comprehensive checks on all EMU/MEMU coaches and counselling of staff by shed officers to improve maintenance practices. Shortcomings identified during the drive were promptly addressed ensuring enhanced safety and reliability of rolling stock.

Safety Drives

- Safety & seasonal drives (Summer, Monsoon & Winter) are launched regularly to ensure reliable and safe working of equipments in coaches and power cars.
- Special drive for checking of fire safety measures of coaches have been launched regularly as per the directives of Safety Dte of Rly.Bd. Results were advised to Rly.Bd.
- In order to prevent fire incidence in EMU/MEMU rakes, a fire prevention safety drive has been successfully carried out in EMU/MEMU rakes.

6.16 Innovative Measures

6.16.1 Jagadhri Workshop

In-house Development of Body Bulge straightening fixture for BOXN type wagons :- Wagon Repair team of Jagadhri Workshop has developed a body bulge straightening fixture for BOXN type wagons. Initially this activity used to be done by chains and jacks which was very laborious and poorly ergonomically designed. This fixture is easy to operate & staff friendly.



Before



After

6.16.2 Amritsar Workshop

Development of BOXNHL wagon floor holding arrangement to maintain Camber:-There was a problem of Camber in BOXNHL floor due to which buffer height is increased and wagon detained at final section by Inspection authority, result in delay in dispatch of wagon

as well as wastage of labour to rectify these defects. Now, a new BOXNHL wagon floor holding arrangement is developed in house to maintain Camber by ASRW staff to hold the ends of BOXNHL under frame floor tightly by screw arrangement, with use of this holding arrangement, the Camber and buffer height is maintained properly now, resulting in saving of time and labour and improved quality.





6.16.3 Alambagh Workshop

Prototype Conversion of Hybrid Coach into Automobile Carrier cum Brake Van SNMGHSR:- With increasing population of NMGs resulting in requirement of more number of last vehicle (brake van) for NMG rakes. Currently SLR/SLRD is being used as last vehicle for NMG rakes in which material loading cannot be done and thus causing loss of revenue to Railways. Hence, Railway Board nominated Alambagh Workshop to convert one Hybrid coach (LHB shell on ICF bogies) into Automobile carrier-cum-brake van in consultation with RDSO. AMVW became 1st workshop in Indian Railways to successfully convert one Hybrid Coach into Automobile Carrier cum Brake Van.







6.16.4 Development of device for Centre pivot shackle lock and pin

The inspection of the fitment of the centre pivot shackle lock and pin is inherently challenging due to its location inside the bolster, which prevents direct visual access. Traditionally, this inspection relies on experienced workmen who use their hands to assess the fitment within the confined space of the bolster.

To address this limitation, the UMB Division has developed an innovative device for inspecting the fitment of the centre pivot shackle lock and pin inside the bolster. The device incorporates a camera and a light mounted on a specially designed shaft. This setup allows clear visualization of the location through a mobile phone connected to the device. As a result, the fitment can now be inspected more easily and effectively.

6.16.5 Up-gradation of Brake van at Wagon Care Centre, TKD

Two Brake Van No. 87122215529 BVCM and 87151810122 BVCM were upgraded at Wagon Care Centre, Tughlakabad to improve safety, comfort and aesthetics.

6.16.6 Working model of Electro Pneumatic Pressurized Flushing system (EPPFS) at ANVT

A working model of Electro Pneumatic Pressurized Flushing system was conceptualized, fabricated and commissioned in sick line complex at ANVT on 07/04/2024, to augment staff knowledge about operation and maintenance of EPPFS system.



6.16.7 Introduction of New “Vande Bharat Express”

Two new Vande Bharat Express (VBE) Trains has been introduced in the year 2024-25 in NR.

S. N.	TRAIN NO.	ROUTE	COMMERCIAL RUN STARTED ON
1	22490/89	MTC-LKO	01-09-2024
2	22500/499	BSB-DGHR	16-09-2024

6.16.8 Innovative Cable Protection Solution: Flexible Conduit Steel with Asbestos Packing

EMU Car Shed, Ghaziabad, has introduced a novel solution to safeguard train line cables in MEMU coaches. A flexible conduit steel arrangement with asbestos packing, sourced from Patiala Locomotive Works, has been successfully provided in MEMU Motor Coach No. 30087. This has been provided in four train line cables each of approximate length of more than 30 meters on the roof ceiling & ending at jumper boards of end wall in the Coach.

Key Features:

- One-inch diameter flexible conduit steel with asbestos packing
- Provides protection against damage and theft
- Bears jerks, reducing damage risk
- First-time use in coaches, replacing traditional aluminium pipes

This innovative solution will be closely monitored for performance, with potential for wider proliferation across other cables.

6.17 HR Initiatives

6.17.1 Training under 'Rail Kaushal Vikas Yojana'

C&W Training Centre, GZB has been nominated to impart training to eligible candidates in the fitter and welder trade under 'Rail Kaushal Vikas Yojana'. 33 candidates (Fitter-24& Welder-09) completed their training in 2024-25.



6.17.2 Installation of working model of Bio Vacuum Evacuation system at C&W Training centre, Ghaziabad

A working model of Bio-Vacuum Evacuation System has been installed at C&W Training centre, Ghaziabad on 17-12-2024. This system is being used to impart practical training to induction course and refresher course trainees. With the help of this working model, Training centre/GZB has prepared & uploaded an educational video on their YouTube channel (Rail Gyaan Ganga GZB) regarding Bio vacuum evacuation system & it's enroute troubleshooting.





6.17.3 ON job training to loco pilot for online operation of 3-phase MEMU rakes

Whenever any unusual case arises online like malfunctioning of software, brake binding in 3-Phase MEMU coach, air leakage near air suspension bellow etc. LP/ALP/LPAS/LPG are not able to handle such situation which leads to major punctuality loss online. Hence, since Jan'2025, on job training for online operation of 3-Phase MEMU rakes are being organized at MEMU/SRE. As such total 157 nos. LPP/LPG/LPS have imparted the said training upto 28.02.2025. This will definitely control punctuality loss cases online.





6.17.4 Hydraulic testing of fire extinguishers used in MEMU coaches

Cumulative Hydraulic testing on 68 nos. fire extinguishers has been carried out, out of 84 nos. upto Feb'25. This will definitely enhance reliability of fire extinguishers used in MEMU train service.



6.17.5 Special drive for provision of insulation sleeve on battery box cover leg

Under special drive, insulation sleeve has been provided on battery box covers leg (connection terminal side) of conventional as well as 3-Phase MEMU motor coaches to avoid short circuit in between battery box cover arm and its terminal. During the year 24-25, this provision has been implemented in all 40 nos. MEMU motor coaches.



Provision of insulation sleeve on battery box cover leg

6.18 Staff Welfare Initiatives

During the review period, a total of 308 staff members have been promoted, comprising the following:

- 05 JE (Promoted through PQ)
- 49 Tech-I to Sr. Technician
- 181 Tech-II to Tech-I
- 57 Tech-III to Tech-II
- 16 Assistant/EMU to Tech-III

Additionally, **MACP (Modified Assured Career Progression)** has been granted to 04 EMU Supervisors. At present, there are no pending promotion cases in this cadre. These timely promotions and career advancements have significantly boosted the morale of staff and their families have positively reflected the image of Railways in the public domain.

6.18.1 Common facilities provided in all NR Workshops

- **Crèche:** In workshops where there is sizeable population of female employees, the facility of crèche has been provided. This enables the mothers to take care of their young children, while they are at work.
- **E-Kiosk:** The Kiosks help the employee see their status of leaves, passes, salary and other establishment details without any human intervention.

- **Changing Rooms & Lockers:** all Staff have been provided changing rooms and locker facilities. Separate toilet blocks for ladies called ping toilets have been provided for them.
- **Canteen:** Workshops have staff canteens that serve tea, snacks and meals at reasonable rates to the employees.
- **Health units:** Workshops have dedicated health Units within the premises to cater to emergencies in case of any injuries to the staff, while at work.
- **ATM:** Automatic teller machines have been installed inside the workshops for any emergent requirement of cash.
- **Library:** The railways has provided libraries inside the workshop for any literary pursuits by the workers at the workshop











- **Deluxe Toilets & Pink Toilet:** Toilets for ladies, equipped with pad dispenser and incinerator.
- A free medical awareness-cum health check-up camps were organized in NR Workshops time to time to create awareness on health issues and to extend the quality treatment for the various ailments.
- 09 emergency eye wash



fountains have been strategically installed at various locations in ASRW.

- Jagadhri Workshop organized 22 Grievance Redressal Camp in 2024-25 for facilitation of staff grievance regarding Accounts & Establishment.
- Jagadhri Workshop organized Pension Adalat time to time for the redressal of grievances related to Pension.

6.19 Enviroment and Housekeeping efforts

On June 5, 2024, Northern Railway celebrated World Environment Day with a focus on the theme “Land Restoration, Desertification, and Drought Resilience,” under the slogan “Our land. Our future. We are #Generation Restoration.”





The celebration commenced with GM/NR administering the “LiFE Movement” pledge to all attending officers, encouraging eco-friendly practices in daily life to reduce environmental impact. A factsheet on ‘Zero Waste Railways’ was presented, highlighting the Model Zero-Waste Railway Station and Railway Colony Initiative undertaken by Northern Railway in collaboration with the Government of Uttar Pradesh and German Development Cooperation (GIZ-India). A video documentary titled “Composting ki Pathshala” was unveiled, showcasing the composting unit. Mr. Vaibhav Rathi, Senior Technical Advisor on Climate Change and Circular Economy at GIZ, presented on the Miyawaki plantation technique used in Varanasi, demonstrating its benefits and rapid forest development. ACMS (H&FW), DLI division, provided an update on the “Model Zero Waste Colony” project running at SP Marg and San Martin Marg railway colonies. Dr. Ruby Makhija, Founder of Why Waste Wednesdays Foundation (WWWF), shared her experiences collaborating with Northern Railway officials and colony residents on this initiative. A talk on “Circular Economy Approaches in Construction” was also conducted, featuring insights from Mr. Shrashtant Patara, CEO of Development Alternatives, and Dr. Shashank Bishnoi, Professor of Civil Engineering at IIT Delhi. In addition, all divisions of Northern Railway celebrated World Environment Day 2024 with a variety of impactful activities, including webinars and seminars, the administration of the LIFE and Swachhata pledges to senior officers, branch officers, and staff, and widespread sapling plantations. Cleanliness drives were conducted alongside video and audio campaigns, signature and selfie points were set up for engagement, and cloth bags were distributed to passengers to promote sustainable practices. Banners, posters, and standees were displayed across divisions to raise awareness on pressing environmental issues, reinforcing Northern Railway’s commitment to a greener future.

- **Celebration of World Environment Day**: - All NR Workshops,Coaching Depots and Frieght depots observed World Environment Day on 5th June, 2024 keeping in line with the theme “Our land, Our Future” which focuses on land restoration, halting desertification, drought resilience and planted saplings in the premises of workshops.
- **Observance of Swachhata Pakhwada Campaign 3.0 at NR Workshops**: All NR Workshops observed Swachhata Pakhwada Campaign 3.0 from October 1st to 17th, 2024. A range of activities were organized to foster a culture of cleanliness and environmental responsibility such as administration of Swachhata Pledge, commemoration of Mahatma Gandhi Jayanti, intensive cleaning, solar power awareness initiative etc.



- **Development of Sculpture Park at KLKW**: Kalka Workshop has taken an initiative to develop Sculptural Park in front of empty space of Lab Section .All shops of Kalka Workshop were entrusted to develop sculptures from scrap available in the workshop to be displayed in the Sculptural. The utilization of scrap for making sculptures for display in park & transformation of area into a beautiful landscape by Sharmdaan of Kalka Workshop staff is a good initiative to explore the inherent skill of staff of Kalka Workshop.



- **Online Workshop on “Home Composting”**: An online workshop on the topic of “Home Composting”, with the aim of educating the residents of various colonies of Northern Railway on the benefits and techniques of home composting was organized on 12.07.2024. Ms. Jyoti Arora, a waste management consultant, was invited to be the guest speaker for

the workshop. The workshop was attended by officers and staff from all Divisions of NR, especially CHIs of various colonies.

- **Observance of Swachhata Pakhwada from October 1 to October 15, 2024**: Swachhta Pakhwada was effectively conducted from October 1 to October 15, 2024 by all the Divisions and workshops across the Northern Railway. The activities recommended by the Railway Board were executed successfully during the Pakhwada.

  Throughout the Swachhata Pakhwada, various activities such as intensive cleanliness drives were conducted to thoroughly clean tracks, stations, trains, pantry cars, washing lines, waiting rooms, toilets, water booths, solar panels, and other facilities. Special emphasis was placed on removing garbage from railway premises. To honor their contributions, safai-mitras were awarded certificates of commendation, fostering a spirit of healthy competition.



Chairman & CEO Railway Board administering Swachhata Pledge to Branch officers and staff at New Delhi Railway Station



Chairman & CEO Railway Board watching Nukkad Natak at New Delhi Railway Station



GM/NR,PHODs, PCME and DRM/DLI along with others participating in Shramdaan at New Delhi Railway Station



As part of the Swachhata Pakhwada Campaign, Northern Railway Headquarters Cultural Team presented a captivating Nukkad Natak on the theme “Swachhata Parmo Dharma” at the Central Lawn of Baroda House, Headquarters Office. The 10-member team, comprising eight male artists Mukesh Kumar, Aman Kumar, Bharat Bhushan, Harish Kumar, Anup KumarSanjay Mishra, Parivesh Khanna, and Dr. Sumit Malik and two female artists, Ms. Reena Mehra and Ms. Radha, delivered a powerful message promoting cleanliness and healthy surroundings. On the occasion, Harsha Dass, CPO/G, Ms. Archana Mittal CME/Planning, Sh. Abhishek Thakur, Dy.CPO/HQ and other senior officials of headquarters were present.

Swachhata Hi Seva Campaign 2024

Swachhata Hi Seva Campaign 2024 was observed from 14th September to 1st October 2024 with the theme of ‘Swabhaav Swachhata - Sanskaar Swachhata’, with celebration of Swachh Bharat Diwas on 2nd October 2024. NR organized a series of activities and events for the curtain-raiser ceremony and throughout the campaign.

The initiative commenced with Railway personnel across all levels taking the Swachhata Pledge on September 17, 2024. Over the campaign period, 124 public workshops were conducted across NR, including a public awareness workshop on ‘Waste Management and Related Laws’ at NRHQ on September 20, 2024. This event was attended by approximately

400 officers and staff, and was graced by the General Manager, Northern Railway. Dr. Ruby Makhija, Founder of Why Waste Wednesdays Foundation and Secretary of the Residents' Welfare Association, Navjeevan Vihar Colony, Delhi, addressed the gathering and talked about waste segregation and reducing single-use plastic.

The campaign also featured walkathons, plantation drives (Ek Ped Maa Ke Naam), elocution competitions, street plays (Nukkad Nataks), sports events, rangoli and painting competitions, and selfie points to engage participants. A total of 1,422 CTUs were identified across NR, leading to the cleaning of 50,36,507 square meters area and the disposal of 5,653 tonnes of garbage. 438 health check-up camps were organized in which 3037 sanitation workers attended. 2443 PPE kits and safety gears were distributed to Safai Mitras to protect them from infectious diseases.



GM/NR administering the
"Swachhata Hi Seva" pledge



Plantation at NRHQ

Special Campaign 4.0

Special Campaign 4.0 was conducted across Northern Railway from October 2 to October 31, 2024, with a strong emphasis on promoting cleanliness in government offices and addressing long-pending matters, continuing the legacy of similar successful campaigns held in 2021, 2022, and 2023.

The campaign was structured in two distinct phases:

1. **Preparatory Phase (September 16–30, 2024):** Focused on data collection and setting specific, measurable targets.
2. **Implementation Phase (October 2–31, 2024):** Concentrated on achieving the set targets through systematic execution

The campaign emphasized key parameters such as the disposal of pending references, review and simplification of rules, effective records management, and comprehensive cleanliness within government offices. Activities under the campaign included cleaning of designated sites, office space optimization, aesthetic enhancement, and proper disposal of scrap materials.

Daily progress was documented and submitted to the Railway Board using a shared Google Sheet, accompanied by high-resolution photographs and videos showcasing the condition of campaign sites before and after the activities.

To enhance public participation, Rail Chaupals were organized under the tagline “Baat Karne Se Hi Baat Banti Hai” at major stations with high passenger footfall, as well as at other important locations. These open forums offered passengers a direct platform to share feedback and suggestions for improving cleanliness on railway premises.

As part of the intensive inspection drive, 54 major stations and 41 coaching depots/workshops/ store depots were reviewed by HQ officers from various departments. Ten of the worst geo-tagged spots were identified in each location, along with estimates of garbage to be removed, scrap to be disposed of, and space to be cleared.

Consent to Operate (CTO) in terms of water/air act/statutory rules under EPA:

During FY 2024-25, Consent to Operate (CTO) under the Water Act/ Air Act/ statutory rules of the Environmental Protection Act (EPA) was granted to two stations in DLI division—DLI and ANVT. With this, 50 out of 83 major stations have now obtained CTO. Additionally, the renewal of CTO for all 17 stations in the LKO division has been successfully completed, while the renewal process for 27 stations in the DLI, FZR, MB, and UMB divisions is currently in progress.

ERW Works

In FY 2024-25, 08 ERWs, totaling Rs. 13 crore, have been approved including four STPs at Prayag(PRG), Phaphamau(PFM), Prayag Sangam (PYGS) and Ayodhya Dham (AY) stations of LKO division, Extension of ACWP at SVDK and Augmentation of existing STP in Rail vihar colony, UMB division etc. Currently, Rs. 6.5 crores ERW fund is available with HQ EnHM Wing.

6.20 Passenger Amenities

6.20.1 Passenger amenities work in DEMUs (Specially in Kashmir Valley area)

- For increase passenger safety and comfort, old seats and broken windows are replaced with new and upgraded one.
- Bio vacuum toilets are repaired/fitted in DEMU coaches of BDGM for better service of passengers.
- Mobile charging sockets have been provided.
- Modular switch assemblies are fitted for better aesthetics.
- Stainless steel luggage rakes are fitted for better durability and aesthetics.
- Panels of coaches have been improved. FRP panels are provided instead of conventional panels.

6.20.2 Provision of upgraded linen

Newly developed premium linen collection with increased durability was introduced for the first time in Indian Railway in Ranchi Rajdhani and Bilaspur Rajdhani after rigorous R&D in consultation with Bureau of Indian Standards for providing comfortable and hygienic bed-roll services to passengers at par with hospitality industry. This effort was highly appreciated by Rly Bd and now Rly Bd has advised N.Rly to make centralized procurement of above mill-made linen

items for all Zonal Railways covering all Rajdhani, Duronto, Tejas, Humsafar and all fully AC express trains.





6.20.3 Fitment of IOT based water level monitoring system in T. No. 12436 at ANVT

The rake of train no. 12436 Anand Vihar-Jayanagar Garib Rath has been provided with IoT based water level monitoring system. In this system, a hydrostatic pressure sensor and LoRa WAN-based communication is used to indicate the water level in coach. Whenever the water level goes beyond 40%, 10% and 0% below the designed capacity of the tank, the system generates an alert notification promptly on the mobile phone/PC so that action can be taken accordingly for replenishment of water at next watering point. The system has been integrated with CMM.

6.20.4 Maintenance of Kumbh Special rakes

Primary maintenance and Terminal examination of 257 & 626 Kumbh Special rakes respectively was attended in Lucknow Division.





6.20.5 Commissioning of LHB rakes for USBRL section



04 LHB rakes have been commissioned for operation in USBRL section having special features such as thermally insulated double walled under slung water tanks, self-regulating heat tracing cable i.e. high power output at low temperature & vice versa with nitrile rubber insulation and

aluminium cladding along water pipeline to prevent water in pipe from freezing and to retain heat, provision of geyser for warm water in taps, heat-insulated bio-tanks, enhanced heating capacity of RMPU (Roof Mounted Package Unit) from 6 kW to 7.5 kW & automatic sliding plug doors with better sound insulation.

6.21 Performance Of Mechanical Engg. Dept during 2024-25

SN	Parameters	Target for 2024-25	Performance						Best Ever	
			2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	Figure	Year
1.	Ineffective A0C coaches (%)	8.50	6.35	5.12	5.32	5.08	4.93	5.35	4.93	2023-24
2.	Ineffective all coaches (%)	7.50	7.21	5.19	5.33	5.23	5.02	5.62	5.02	2023-24
3.	Enroute detachment of coaches (territorial)	7.00	13	1	6	3	2	2	1	2020-21
4.	Enroute detachment of coaches (ownership)	7.00	7	1	6	2	7	10	1	2020-21
5.	Punctuality loss on C&W account/ 1000 trains	1.80	2.91	2.03	2.25	2.21	1.69	1.78	1.69	2023-24
6.	ROH of wagons	12588	11051	12028	12314	9543	11449	12214	12314	2021-22
7.	Enroute wagon detachment	28	33	28	26	22	29	20	20	2024-25
8.	Wagon ineffective (%)	2.75	3.15	3.36	2.74	2.48	2.73	2.75	2.48	2022-23
9.	Train partings	59	10	8	18	112	23	11	8	2020-21

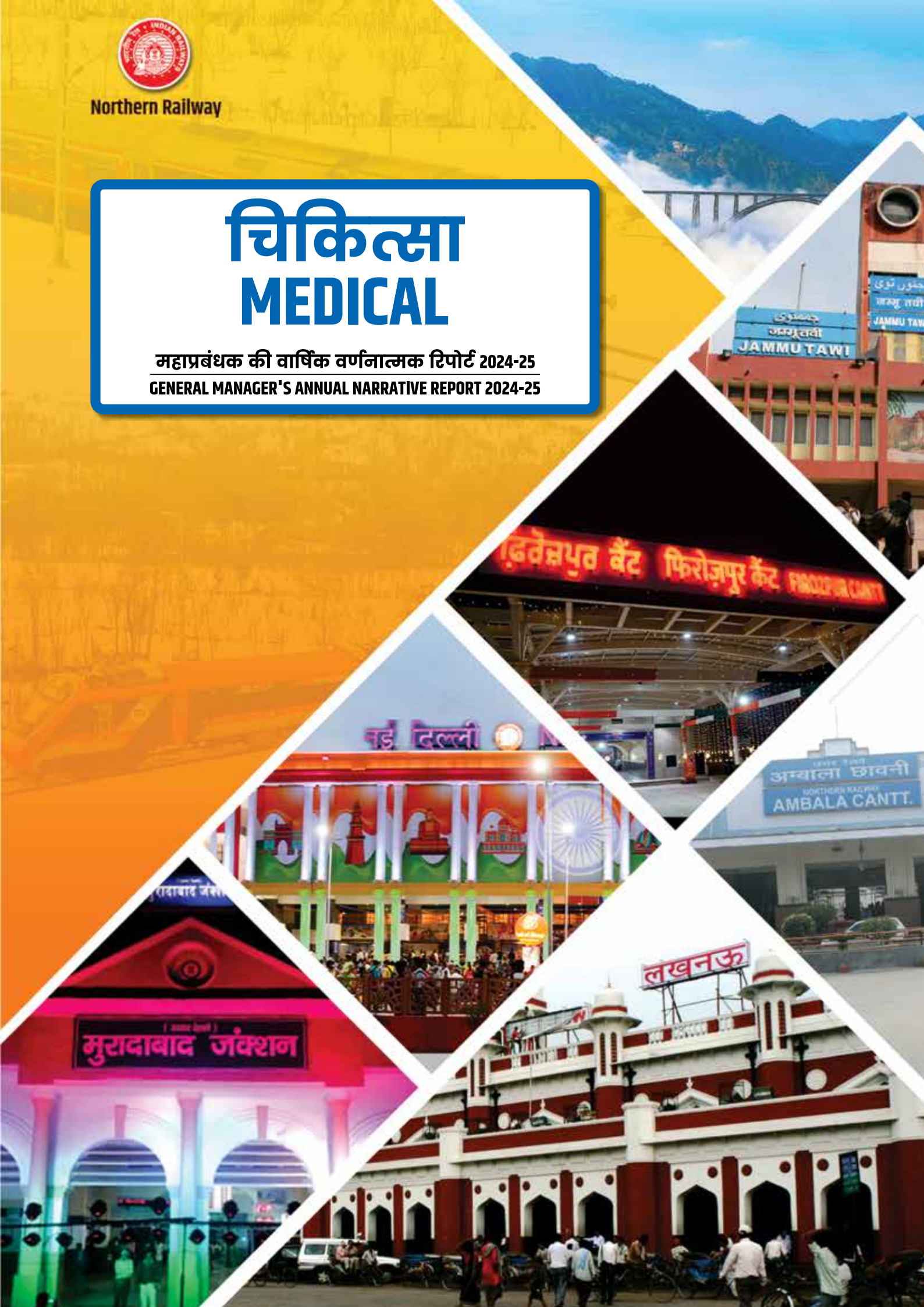
Coaching (Elect) TL-AC 2024-2025

SN	Item No.	Performance					Best Ever	
		20-‘21	21-‘22	22-‘23	23-‘24	24-‘25	Figures	Year
1	**Certified NON AC (CNAC)**							
	1.1 -	0	0	0	0	0	0	24-‘25
2	**Short Service**							
	2.1 -	0	0	0	0	0	0	24-‘25
3	**%age ineffective of coaches**							
	3.1 SG	0.021	0.064	0.091	0.097	0.075	0.021	20-‘21
	3.2 EOG	0.038	0.060	0.071	0.050	0.081	0.038	20-‘21
	3.3 Conventional	0.002	0.003	0.005	0.005	0.002	0.002	20-‘21
	3.4 Power Car	0.143	0.659	0.698	0.483	0.306	0.143	20-‘21

Northern Railway

चिकित्सा
MEDICAL

महाप्रबंधक की वार्षिक वर्णनात्मक रिपोर्ट 2024-25
GENERAL MANAGER'S ANNUAL NARRATIVE REPORT 2024-25



CHAPTER - VII

7.1 About the Department

Northern Railway Network passes through the states of Uttar Pradesh, Haryana, Punjab, Himachal Pradesh, Jammu & Kashmir, Delhi and Union Territory of Chandigarh. The Railway System extends right from the hills of Himalayas in north and covers the best part of Gangetic plains.

The Medical Department of Northern Railway provides comprehensive health care services comprising of preventive, promotive, curative and rehabilitative care to Railway population and beneficiaries. Bonafide passengers who take ill during their journey are also given medical assistance, on payment as per the norms stipulated by the Railways. It has an important role in the functioning of this Railway by: Provision of Curative, Preventive, Promotive and Rehabilitative Health Services.

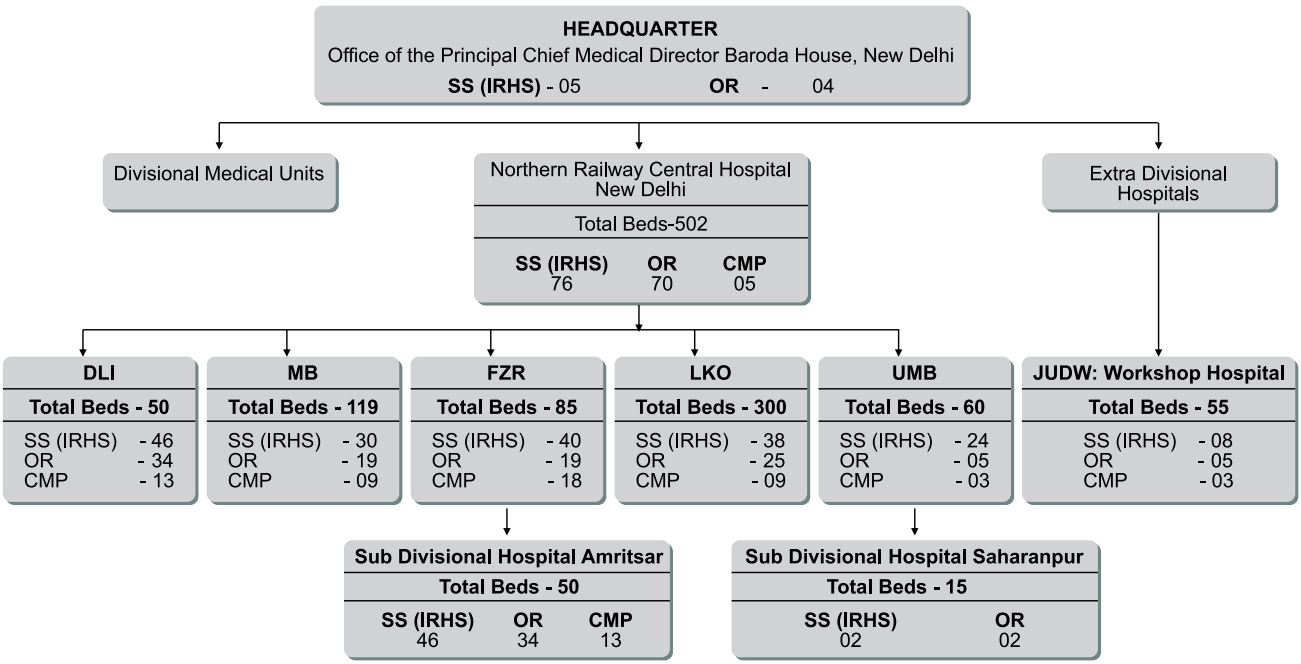
Occupational Health Services, including pre-employment and in-service Periodical Medical Examinations, Examination under Workmen's Compensation Act, monitoring of safety environment of Workshops etc.

- Medical relief during Railway Accidents.
- Emergency Medical assistance to Railway passengers who take ill during their journey.
- Implementation of Food Safety and Standards Act within Railway premises.
- Monitoring of quality of drinking water in Railway Stations and Railway Colonies. Monitoring of Surface sanitation of certain Railway Colonies and some nominated Railway Stations.
- Reproductive and Child Health Services including Family Welfare and immunization of vulnerable groups.
- Implementation of National Health Programmes.

Medical Department is committed to the Mission Statement, Which is

"Total Patient Satisfaction Through Humane Approach & Shared Commitment of every single Doctor and Paramedic to Provide Quality Health Care Using Modern & Cost Effective Techniques and Technologies."

ORGANIZATION CHART OF MEDICAL DEPARTMENT



7.1.1 Establishment

Northern Railway has an established chain of medical care institutions under its jurisdiction to cater to the needs of about 1,29,262 Railway employees and their families 2,71,949 and 1,28,523 Retired Railway beneficiaries.

7.1.2 Categories of Institutions

(i)	Central Hospital, New Delhi	01
(ii)	Divisional Hospitals Delhi, Lucknow, Moradabad, Ambala, Firozpur	05
(iii)	Sub-Divisional/ Workshop Hospitals Amritsar, Saharanpur, EDH/ Jagadhari Workshop	03
(iv)	Health Units	62

S N	Division/ Under control of Hospital	No. of Health Units	Name of Health Units
1.	NRCH/ NDLS	06	S. P. Marg, Basant Lane, Baroda House, Tilak Bridge, Sarojini Nagar, Lajpat Nagar.
2.	Delhi	17	Tuglakabad, Anand Vihar, Shakur Basti, Punjabi Bagh, Delhi Kishan Ganj, Delhi Shahdara, Arya Nagar/GZB, Bhoor Sen Colony/GZB, Faridabad, Sonipat, Jind, Panipat, Rohtak, Meerut City, Shamli, NOIDA, GURUGRAM.
3.	Moradabad	11	Balamau, Roza, Shahjanpur, Hapur, Chandausi, Najibabad, Haridwar, Dehradun, OSG/Jharipani,, Laksar, Bareilly.
4.	Lucknow	12	Hazrat Ganj, C&W/LKO, Loco Workshop/LKO, Running Shed, Sultanpur, Unnao, Partapgarh, Varanasi, Faizabad, Jaunpur, Barabanki, Rae-Bareli.

5.	Firozpur	10	Amritsar M, Amritsar Workshop, Ludhiana, Jalandhar City, Jalandhar Cantt, KotKapura, Pathankot, Jammu Tawi, Sri Mata Vaishno Devi Katra, Badgam.
6.	Ambala	05	Shimla, Bhatinda, Dhuri, Kalka, Chandigarh.
7.	JUDW	01	Sonepat (RCNK)
	Total	**62**	

7.1.3 Lockup Dispensaries/First Aid Post : 04

The locations of lock-up dispensaries are as follows:

S. N.	Division	No.	Name of dispensaries/First Aid Post
1.	Delhi	1	S&T Workshop/GZB (First Aid Post),
2.	Moradabad	2	Hardoi & South Colony Harthala
3.	Firozpur	1	Bajnath Paprola
	Total	**04**	

7.1.4 Man Power Resources

The sanctioned strength of staff is 267 Medical Officers (Including 06 Dental Surgeons),10 Assistant Nursing Officers, 01 Assistant Health Education Officer, 02 Assistant Pharmacy Officers, 01 Assistant Health Officers and 01 Designated Officer & 04 Food Safety Officers (group-C), 1211 paramedical group 'C' employees including ministerial Staff and 1947 Group 'D' employees. Northern Railway Central Hospital is recognized for imparting training to 30 Sr. Residents, 73 DNB, 09 Jr. Residents. Vide Railway Board letter no.2015E(GC)10-2(IRHS) (64) 26/08/2022 cadre review of IRHS done by Railway Board, sanction strength of IRHS is over NR now 267.

7.1.5 Sanctioned Cadre

A. Gazetted staff (Group A & B)

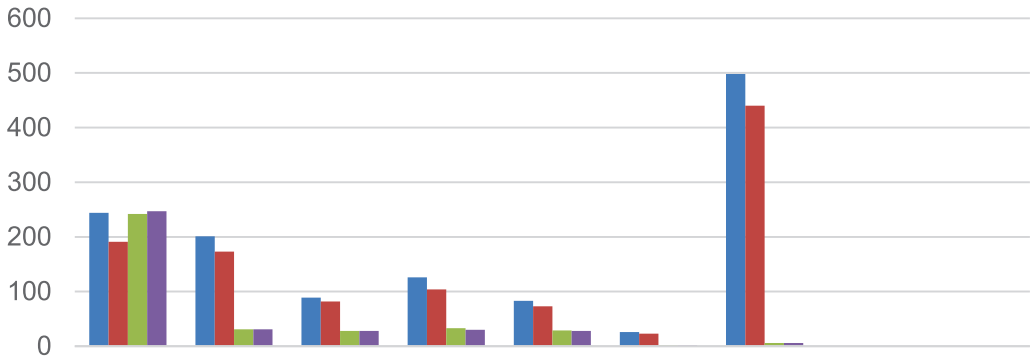
Gazetted Post over Northern Railway Medical Department			Sanction Strength	On Roll	Vacancy
Regular Indian Railway Medical Services Group 'A' Post			267	193	74
Para Medical Group B Officers' Posts			16	10	6
Total					
Post	**Permanent**	**Temporary & WC**	**Sanction Strength**	**On Roll**	**Vacancy**
Principal Chief Medical Director (HAG)	02	--	02	02	--
Principal Chief Dental Surgeon	01	--	01	01	--
Chief Health Director (SAG)	1	--	1	1	--
Medical Director/ Chief Specialist/ Chief Medical Supdt. SAG	11	--	11	11	--
Addl. CMD/ T & A	1	--	1	1	--
Addl.CMD/ MS	1	--	1	1	--

Dy.CMD/H&FW	1	--	1	1	--
ACHD/ACMS/Sr.DMO/DMO/ ADMO (SAG, JAG SS & JS)/ ACHD (Dental), Sr.DS/DDS	249	--	249	175	74
Total	**267**		**267**	**193**	**74**
Contract Medical Practitioner posted against Vacant posts					--
Group ''B" Officers	**Permanent**	**Temporary & WC**	**Sanction Strength**	**On Roll**	**Vacancy**
Asstt. Nursing Officer	09	--	09	05	04
Asstt. Pharmacy Officer	2	--	2	2	--
Asstt. Health Officer including Designated Officer	4	--	4	2	02
Asstt. Health Education Officer	1	--	1	1	--
Total	**16**	**--**	**16**	**10**	**6**

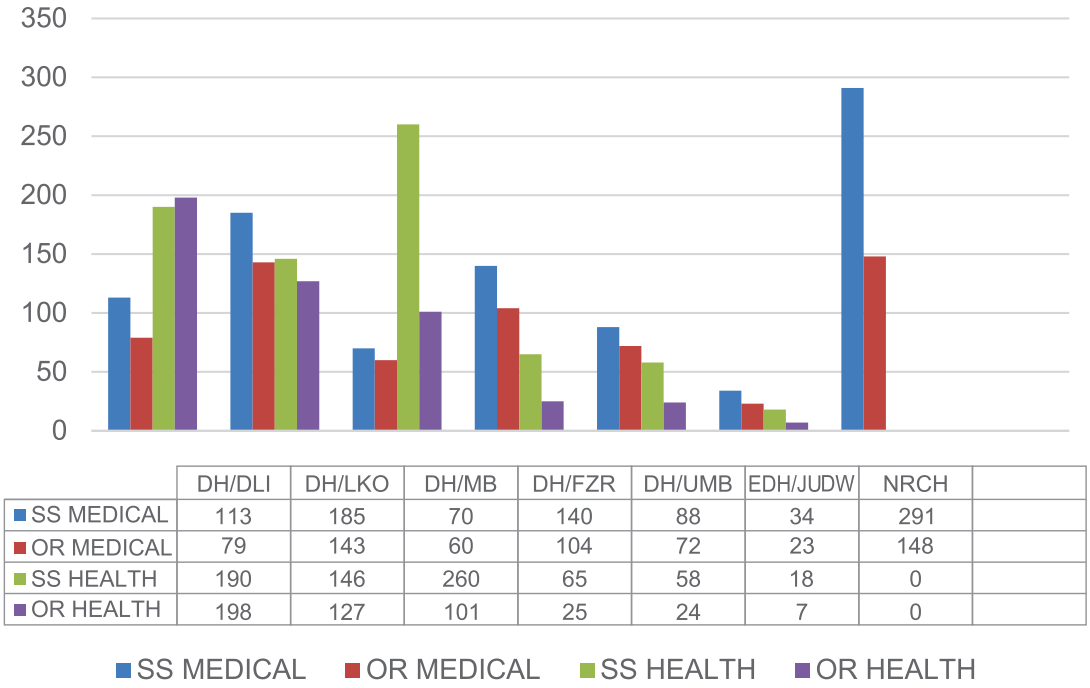
B. Sanctioned Strength of Non- Gazetted staff (Northern Railway)

S. N	Particular	Group "C"			Erstwhile Group "D"			Total		
		Sanctioned Strength	On Roll	Vac.	Sanctioned Strength	On Roll	Vac.	Sanctioned Strength	On Roll	Vac.
1	Medical Services	1253	1037	229	928	628	300	2156	1702	454
2	Health Services	183	174	9	737	474	263	492	245	247

SANCTIONED STRENGTH AND ON ROLL POSITION OF GROUP C PARAMEDICAL STAFF OF NORTHERN RAILWAY DIVISION WISE



	DH/DLI	DH/LKO	DH/MB	DH/FZR	DH/UMB	EDH/ JUDW	NRCH
SS MEDICAL	244	201	89	126	83	26	498
OR MEDICAL	191	173	82	104	73	23	440
SS HEALTH	242	31	28	33	29	2	6
OR HEALTH	247	31	28	30	28	2	6



	DH/DLI	DH/LKO	DH/MB	DH/FZR	DH/UMB	EDH/JUDW	NRCH	
SS MEDICAL	113	185	70	140	88	34	291	
OR MEDICAL	79	143	60	104	72	23	148	
SS HEALTH	190	146	260	65	58	18	0	
OR HEALTH	198	127	101	25	24	7	0	

C. Medical Services

GROUP- "C"				Erstwhile GROUP –"D"			
Category	**S. S.**	**OR**	**Vacancy**	**Category**	**SS**	**OR**	**Vacancy**
Nursing Personnel	502	481	21	Hospital Attendant (Male & Female)	649	462	191
Lady Health Visitor	0	0	0				
Pharmacists	207	184	20				
X-ray Tech./Radiographer	43	28	15	Kitchen Staff	9	3	7
Physiotherapist	12	10	2	Ambulance Cleaner	5	5	0
Lab. Supdt.	55	35	20	Safaiwala (Medical Services)	180	110	82
Dieticians	3	1	2	X-ray Attendant	4	1	3
OT Assistant/ Dresser	190	151	37	Lab. Attendant	3	3	1
Ambulance Drivers	18	17	1	Other Group "D" (Peon, Khalasi, etc.)	75	48	27
Ministerial Staff	90	91	19				
Family Welfare Staff	6	2	4				
Other Group "C" (PA,CA, Comp.Clerk, Typist etc.)	73	50	23				
Total	**1199**	**1053**	**164**	**Total**	**925**	**632**	**312**

D. Health Services

S. N.	Particulars	Group "C"			Erstwhile Group "D"			Total		
		S/S	On Roll	Vac.	S/S	On Roll	Vac.	S/S	On Roll	Vac.
1	Health & Malaria Inspectors & other Sanitation Staff	183	174	9	737	474	263	492	245	247

7.1.6 Infrastructure

A. Hospitals & Health Units of Northern Railway

Div / Units	Hospital (Beds)				Health Units	Emergency Beds in Health Units	Lockup Dispensary
	Central & Divisional		Sub-Divisional				
	Name of Hospital	No. of Beds	Name of Hospital	No. of Beds			
Headquarter	CH New Delhi	502	-	-	6	5	-
Delhi	Divl. Hosp.	50	-	-	17	18	1
Moradabad	Divl. Hosp	119	-	-	11	13	2
Lucknow	Divl.Hosp.	300	-	-	12	14	-
Firozpur	Divl. Hosp.	85	ASR	50	10	32	1
Ambala	Divl. Hosp.	60	SRE	15	5	8	-
JUDW	Workshop Hosp.	55	-	-	1	--	-
	TOTAL	**1171**	**--**	**65**	**62**	**93**	**4**

B. Total No. of Hospitals & Health Units in Northern Railway

Central Hospital	01
Divisional Hospitals	05
Sub Divisional Hospitals	02
Workshop/Production Unit Hospital	01
Health Units	62
Lockup Dispensaries/First Post	4
Total No. of Beds in Hospitals	**1236**

C. Data of Northern Railway Hospitals

S. N.	Hospital & in charge of Hospital	No. of doctor's		Total	Section area in Km.	No. of employees served	No. of beds provided							Bed Occupancy Ratio		Average Indoor patients/	Average no. of patients per day		Work Load/ Drs per day in OPD	
		G. Duty	Specialist				Genl	Male	Female	ICU	Chest	Maternity	Total	Admissions	BOR %		New case	Old case	New case	Old case
1	2	3	4	5	6	7	8	9	10	11	12	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**
1	NRCH/NDLS	7	60	67	-	14534	360	53	37	21	0	31	502	17001	88	46.57	285	852	65	28
2	Divl. Hospital Delhi/ CMS	5	11	16	171	4312	37	16	21	nil	8	5	50	1354	53	3.70	98	226	54	80
3	Divl. Hospital LKO/ CMS	10	16	26	-	31280	119	52	39	12	31	22	275	6385	28%	17.49	153	460	11	30
4	Divl. Hospital MB/ CMS	07	10	17	1401	3928		40	43	06	20	10	119	3693	34.09	10.11	69.22	266.13	6.92	26.61
5	Divl. Hospital FZR/ CMS	5	9	14	280.89	3513+1475	0	32	23	5	4	5	69	2027	58.74	5.55	59.80	89.70	14.95	22.42
6	Sub. Divl. Hospital ASR/ ACMS	7	-	7	-	3808+3638	0	26	24	0	0	0	50	1055	18.15	2.89	57.41	86.12	21.53	14.35
7	Divl. Hospital CMS/ UMB	6	9	15	829.5	13962	02	20	10	9+9 (Cabin)	05	05	60	2050	53.7	5.61	4	2	17	23
8	ACMS/SRE	2	2 (HVS)	4	164	4000	01	07	07	-	-	-	15	55	3.4	0.15	0.41	-	8	48
8	CMS/UMB (L/A JUDW)	9	NIL	9	NA	5262	25	15	15	0	0	NIL	55	1406	32.98	3.85	27	264	7	66

5.3 Data of Northern Railway Health Units

S. N.	Name of Health Unit	In charge of Health Unit	Jurisdiction of Health Unit in Km.	Sanctioned strength of Doctors	Sanctioned strength of Paramedical	No. of employees, served (Serving + RELHS)		Average Employees in sick list/per month	Maternity Beds	Emergency Beds	Average daily OPD attendance		Work load of Dr. per day in OPD	
						Serving	RELHS				New Case	Old Case	New case	Old case
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
7.	AYC / HU	DR . ABHISHEK GUPTA	77 KM 01	01	04	765	70	09	NIL	02	03	07	03	07
8.	SLN / HU	DR SURYANSH PATEL	166 KM	01	02	648	750	57.25	NIL	02	889	13118	889	13118
9.	MBBD/ HU	DR MOHD AAZAM	169	01	05	1200	399	25	NIL	02	10	12	10	12
10.	RBL / HU	Dr .ILLA PANDEY (cmp)	226 KM	01	06	2380	572	44.75	02	01	5.58	17.75	6	18
11.	JNU / HU	DR.BHUPENDRA KUMAR (SR DMO)	185 KM	01	04	807	88	08	NIL	01	05	16	05	16

Delhi Division

1	Delhi Kishan-ganj	ACMS	Colony	03	18	12766	710	32	-	01	20	84	10	42
2	Arya Nager	ACMS	Colony	03	18	4521	2107	36	-	02	57	96	18	33
3	Jind	DMO	292	02	07	3988	970	63	-	01	9	68	9	68
4	Meerut	DMO	67	01	06	695	462	28	-	02	16	20	16	20
5	Panipat	CMP	187	01	06	1768	685	31.89	-	01	14	39	43	39
6	Rohtak	DMO	244	01	07	4675	746	23.25	-	01	4	60	04	60
7	Shakur-basti	ACMS DMO	28	02	09	738	1023	38	-	01	04	110	02	55
8	Shamli	CMP	116	01	04	402	126	19	-	01	07	25	07	25
9	Tuglakabad	ACMS	Colony	02	07	6309	1020	11	-	02	64	56	32	28
10	Pujabi Bagh	ACMS	18 (Colony)	01	07	1009	1537	12.75	-	02	02	45.6	3	46
11	Anand Vihar	ACMS	Colony (20-30)	01	07	332	1305	20.25	-	01	30	50	30	50
12	Delhi Shahdara	ACMS	39	01	05	580	1059	10	-	-	05	48	05	48
13	Sonepat	CMP	82	01	04	881	876	16.09	-	01	18	36	18	36
14	Bhoor Sen Colony	ACMS	Colony	02	07	740	1790	38.16	-	01	28	84	28	84
15	Faridabad	ACMS	32	01	05	837	916	20.22	-	01	25	50	25	50
16	GGN	Consultant	67	01	07	1800	1200	12	-	-	03	32	03	32
17	Noida	ACMS	22	01	05	108	603	01	-	01	02	28	02	28

Data of Heath Units (LKO Division)

S. N.	Name of Health Unit	In charge of Health Unit	Jurisdiction of Health Unit in Km.	Sanctioned strength of Doctors	Sanctioned strength of Paramedical	No. of employees, served (Serving+ RELHS)		Average Employees in sick list/per month	Maternity Beds	Emergency Beds	Average daily OPD attendance		Average load/Drs per day in OPD	
						Serving	RELHS				New Cases	Old Cases	New cases	Old cases.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1.	Diesel Shed/ HU	DR.S.K. SINHA	0 KM	02	10	5372	1000	15	NIL	01	20	45	20	40
2.	Loco / HU	Dr ASHISH TRIPATHI (DMO)	3 KM	02	09	1800	1467	46	NIL	01	28	21	22	23
3.	C&W / HU	DR SARSIJ KANDPAL	NA	02	08	2550	513	05	NA	01	1264	10518	1264	10518
4.	HZG / HU	DR RASHMI	DRM OFFICE CAMPUS	01	04	1480	-	09	NILL	01	06	17	06	17
5.	ON / HU	DR K.M MISHRA (SR DMO)	144 KM	01	08	2948	196	35	NIL	02	07	27	07	27
6.	BBK / HU	DR B.P. PATHAK	224 KM	01	06	1770	433	30	NIL	02	12	14	12	14
7.	AYC / HU	DR . ABHISHEK GUPTA	77 KM 01	01	04	765	70	09	NIL	02	03	07	03	07
8.	SLN / HU	DR SURYANSH PATEL	166 KM	01	02	648	750	57.25	NIL	02	889	13118	889	13118
9.	MBBD/ HU	DR MOHD AAZAM	169	01	05	1200	399	25	NIL	02	10	12	10	12
10.	RBL / HU	Dr .ILLA PANDEY (cmp)	226 KM	01	06	2380	572	44.75	02	01	5.58	17.75	6	18
11.	JNU / HU	DR.BHUPENDRA KUMAR (SR DMO)	185 KM	01	04	807	88	08	NIL	01	05	16	05	16
12.	BSB/ HU	B.P. PATHAK	139	01	02	1285	327	08	NIL	01	05	07	05	07

Moradabad Division

S. N	Name of Health Unit	In charge of Health Unit	Jurisdiction of Health Unit in Km.	Sanctioned strength of Doctors	Sanctioned strength of Paramedical	No. of employees, served (Serving + RELHS)		Average Employees in sick list/per month	Maternity Beds	Emergency Beds	Average daily OPD attendance		Work load of Dr. per day in OPD	
						Serving	RELHS				New Case	Old Case	New Case	Old Case
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**
1	Jharipani	ACMS	OGS	01	08	89	39	01	0	15	5.42	20	5.42	20
2.	Dehradun	DMO	40.00	01	06	756	687	46	0	10	03	58	3	58
3	Haridwar	DMO	52.00	01	09	1107	368	35	0	02	05	42	05	42
4	Laksar	CMP	70.00	01	06	950	244	25	01	01	05	20	05	20
5	Najibabad	CMP	216.82	01	06	1165	366	25	0	01	02	28	02	28
6	Hapur	Sr. Consul.	179.00	01	07	3138	757	30	0	01	12	25	12	25
7	Chandausi	ADMO	129.00	01	06	864	386	29	0	03	09	23	09	23
8	Bareilly	DMO	112.00	01	04	1596	425	81	0	02	03	49	03	49
9	Shahjahanpur	CMP	8.00	01	05	343	211	15	0	01	1.5	23	1.50	23
10.	Roza	CMP	190.00	01	06	1960	614	46	0	02	06	42	03	21
11	Balamau	CMP	245	01	05	1679	434	29	0	02	02	30	02	30

Firozpur Division

S. N	Name of Health Unit	In charge of Health Unit	Jurisdiction of Health Unit in Km.	Sanctioned strength of Doctors	Sanctioned strength of Paramedical	No. of employees, served (Serving + RELHS)		Average Employees in sick list/ per month	Maternity Beds	Emergency Beds	Average daily OPD attendance		Work load of Dr. per day in OPD	
						Serving	RELHS				New Case	Old Case	New Case	Old Case
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	ASR(M)	CMP	260.5	1	8	2798	180	3	0	0	1.31	1.97	3.31	1.97
2	ASR(WS)	CMP	-	1	4	2043	0	1	0	0	3.87	5.80	3.87	5.80
3	LDH	ACMS	176.44	5	26	6600	2405	77	0	15	42.87	64.31	42.87	64.31
4	JUC	ACMS	228.75	2	18	4282	1205	54	0	5	24.59	36.88	24.59	36.88
5	JRC	Sr.DMO	150.78	1	6	1850	1395	7	0	1	12.14	18.22	12.14	18.22
6	PTK	ACMS	162.52	2	6	2671	895	9	0	3	13.51	20.26	13.51	20.26
7	JAT	DMO	74.80	2	9	2500	200	8	0	1	13.14	19.71	13.14	19.71
8	KKP	-	165.47	1	4	589	134	1	0	-	2.69	4.04	2.69	4.04
9	SVDK	CMP	31.0	1	3	841	0	2	0	1	3.48	5.22	3.48	5.22
10	BDGM	CMP	117.9	1	4	350	10	2	0	-	12.18	18.27	12.18	18.27
11	BJPL	-		1	4	475	0	0	0	0	1.95	2.93	1.95	2.93

Ambala Division

S. N	Name of Health Unit	In charge of Health Unit	Jurisdiction of Health Unit in Km.	Sanctioned strength of Doctors	Sanctioned strength of Paramedical	No. of employees, served (Serving + RELHS)		Average Employees in sick list/ per month	Maternity Beds	Emergency Beds	Average daily OPD attendance		Work load of Dr. per day in OPD	
						Serving	RELHS				New Case	Old Case	New Case	Old Case
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	BTI	Dr. Gurdev Singh ACMS/BTI	287	2	12	4727	2197	60	0	4	15	135	8	67
2	CDG	Dr. Niti Nisha DMO/ CDG	32.5	01	07	1175	592	16	-	01	06	75	6	75
3	DUI	Dr. Parminder Kaur CMP/DUI	307	01	03	1874	380	10	-	-	12	29	12	29
4	SML	Dr. Anita Meena	42	01	03	437	65	07	-	02	05	02	05	02
5	KLK	Dr. Neeti Nisha DMO/ CDG	50Km	01	11	1074	1134	06	-	02	10	60	10	60

Data of Heath Units-RCNK-SNP (JUDW).

S. N.	Name of Health Unit	In charge of Health Unit	Jurisdiction of Health Unit in Km.	Sanctioned strength of Doctors	Sanctioned strength of Paramedical	No. of employees, served (Serving + RELHS)		Average Employees in sick list/ per month	Maternity Beds	Emergency Beds	Average daily OPD attendance		Work load of Dr. per day in OPD	
						Serving	RELHS				New Case	Old Case	New Case	Old Case
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	OHC RCNK SNP	Dr Ajit, DMO	RCNK SNP	1	2	200	0	1	1	2	2	8	2	8

Central Hospital/New Delhi (NRCH)

S. N.	Name of Health Unit	In charge of Health Unit	Jurisdiction of Health Unit in Km.	Sanctioned strength of Doctors	Sanctioned strength of Paramedical	No. of employees, served (Serving + RELHS)		Average Employees in sick list/ per month	Maternity Beds	Emergency Beds	Average daily OPD attendance		Work load of Dr. per day in OPD	
						Serving	RELHS				New Case	Old Case	New Case	Old Case
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Basant Lane	Dr. Kamal & Dr. Ayushi	8	2	6	2604	1441	22	0	1	10	68	5	34
2	Lajpat Nagar	Dr. Jyoti	9	1	4	1577	1347	6	0	1	5	45	5	45
3	S P Marg	Dr. Sakraja	30	1	5	2714	1745	9	0	1	20	30	20	30
4	Sarojini Nagar	Dr. K. Sridhar	20	1	4	358	466	7.91	0	0	0.9	24	8	24
5	Tilak Bridge	Dr. Neeti Gupta	20	1	5	1367	945	7	0	1	1	37	1	37
6	Baroda House	Dr. Nibha Mohanty	0	1	4	0	0	1	0	1	4	41	4	41

5.4 Specialties-wise Facilities available (Secondary Health Care) in Hospitals

Hosp	SPECIALITIES									
	Surgery	Gynecology	Orthopedics	Physician	Eye	ENT	Pediat-rics	Dental	X-ray U/S	Path.
CH	P	P	P	P	P	P	P	P	P	P
DLI	X	P	P	P	P	P	P	P	x	P
LKO	P	P	P	P	P	P	P	P	P	P
MB	X	P	x	P	P	x	x	x	x	P
UMB	P	P	x	P	P	x	x	x	x	P
FZR	P	P	P	P	P	x	P	x	x	P
JUDW	X	x	P	x	x	x	x	x	x	x
ASR	X	x	x	x	x	x	x	x	x	x
SRE	P	x	x	P	x	x	x	x	x	x

7.2 Performance of Medical Department during the year

7.2.1 Curative Services

S No.	Particulars	2024-25	2023-24
(A)	No. of Hospital beds per 1000 Employees	9.77	8.72
(B)	No. of Indoor-patients treated		
	(i) Males	17935	20343
	(ii) Females	16494	16464
	Total	**34429**	**36807**
(C)	Bed Occupancy Ratio	**47.79**	**45.32**
(D)	No. of bed days per patient	**5.09**	**5.45**
(E)	No. of outdoor patients		
	(i) Males	848588	1042184
	(ii) Females	718688	765500
	Total	**1682206**	**1807684**
(F)	No. of operations performed		
	(i) Major	7337	7015
	(ii) Cataract	2063	2155
(G)	Diagnostic		
	(i) Investigations	2921881	2692236
	(ii) No. CT Scans/MRI's	**21880**	**21258**

7.2.2 Mandays Lost :

	Particulars	2024-25	2023-24
01	Total no. of RMC issued	28103	31388
02	Total no. of Mandays Lost on RMC	485326	505095
03	Average days per RMC	20.28	16.09
04	Total no. of certificate issued on IOD	925	1033
05	Total no. of Mandays Lost on IOD	23836	26421
06	Average days per Certificate	21.46	25.57
07	Total no. of certificate issued on PMC	1931	2304
08	Total no. of Mandays Lost on PMC	46115	61646
09	Average days per certificate	30.57	26.75

7.2.3 Financial provisions and expenditure:

The detailed budgetary provision and expenditure for 2024-25 compared to 2023-24 is as follows:

(Rupees in Thousands)

Budgetary Head	Particulars	2024-25 Final Grant	2023-24 Revised	2023-24 AE
210	Medical services-control & superintendence at HQ and Divisions.	2924895	297,30,37	264,45,97
220	Hospitals and Dispensaries excl. cost of Medicines	14731	13.70	1,04,29
230	Cost of Medicines	1433919	137,64,23	108,12,79
240	Reimbursement of Medical expenses/referrals to private empanelled Hospitals	3100519	221,85,68	170,74,68
250	Public Health	0	14,73	0
260	Maintenance of equipment's	87650	10,87,13	5,76,36
270	Cashless Treatment Scheme	0	0	0
280	(ABPM-JAY)	0	0	0
310	Health & Family Welfare Services:- Sanitation in Rly Colonies.	728353	82,45,98	79,92,89
	Grand Total	**8290067**	**6,38,46,18**	**5,52,61,16**

7.3 Public Health

Northern Railway Medical Department provides sanitation services in nominated Railway Colonies. Engineering Branch looks after water supply including Chlorination of drinking water. Joint inspections are carried out along with Engineering Officials covering the aspects of functioning of chlorination plants, drinking water storage tanks, condition of D.W. distribution system etc. The quality of drinking water is monitored regularly as per laid down schedules. The results of tests i.e. the presence or absence of residual chlorine and bacteriological quality are advised to Engineering Branch from time to time. Medical Branch carries out the monitoring of food quality including the hygienic upkeep of catering establishments, medical examinations of food handling staff. FSSA Act provisions are implemented in Railway areas. Joint inspections are carried out along with the Officials of Commercial Branch covering aspects of sanitation of stations, upkeep of catering establishments etc. The results of tests of food samples lifted under quality control are advised to respective branches for appropriate action wherever necessary. The FSSA defaulters are prosecuted as per the provisions of the FSSA Act.

7.3.1 Status of Food Samples under FSSAI & Quality Control

S. No.	FSSAI	2024-25	2023-24
i)	No. of food samples collected under FSSAI	221	220
ii)	No. of unsatisfactory reports received under FSSAI	4	08
iii)	No. of Cases filed for adjudication	4	10
iv)	No. of prosecutions launched under FSSAI	0	0
v)	No. awarded punishment under FSSAI	5	1

7.3.2 Family Welfare & other National Programmes

Medical Organization provides Family Welfare Services to Railway population and the Community.

S. No.	Achievement in	2024-2025	2023-2024
1.	Sterilizations	104	161
2.	IUD's	125	310
3.	BCG	1190	8497
4.	DPT	4609	2449
5.	Measles	2022	1827
6.	TT (PW)	1965	1730

Universal Immunizations Programme for children and expectant mothers is an ongoing activity.

7.3.3 Immunization:

SN	Division	BCG	DPT 3rd dose	OPV 3rd dose	Measles	TT (PW)
1	NRCH	788	5701	2518	701	917
2	Delhi	02	157	157	155	88
3	Lucknow	180	301	301	642	465
4	Moradabad	99	592	592	252	118
5	Firozpur	83	36	44	55	196
6	Ambala	56	96	96	134	157
7	JUDW	0	41	37	67	42
	TOTAL	**1208**	**6924**	**3745**	**2006**	**1983**

7.3.4 Division – wise Family Welfare Activities (2024-2025)

SN	Division	Sterilizations	IUD Insertion
1	NRCH	71	79
1	Delhi	-	07
2	Lucknow	9	10
3	Moradabad	4	5
4	Firozpur	10	3
5	Ambala	12	24
	TOTAL	35	128

(Figures of NRCH are included in Delhi, JUDW in Ambala)

7.4 Sanitation

Medical Department of Northern Railway is responsible for sanitation of Northern Railway Hospitals, Northern Railway Health Units and Railway Colonies.

7.5 HIV/AIDS Prevention & Control Programme

SNo.	Division	Tests done	Found +ve	Deaths
1	NRCH/NDLS	12587	46	0
2	Delhi	596	02	-
3	Lucknow	6908	8	0
4	Moradabad	2197	03	0
5	Firozpur	1337	2	0
6	Ambala	383	0	0
7	JUDW	375	1	1
	TOTAL	**24383**	**62**	**1**

- No. of HIV/AIDS patients on ART : 94+
  (Positive patients advised ART continued medicine by Health units)
- Availability of Blood Bank : Yes

7.6 Drinking Water Quality

The number of samples collected for bacteriological quality during the year was 4547 and 95.88% of samples were found to be conforming to the quality standards.

Division-wise Water samples tested for Bacteriological Quality

S.No.	Division	Collected	No. of found fit	% age fit
1	Delhi	885	885	100%
2	Moradabad	392	375	95.66%
3	Ambala	790	790	100%
4	Firozpur	1197	1176	98.24%
5	Lucknow	1271	1122	88%
6	JUDW	12	12	100%
	TOTAL	**4547**	**4360**	**95.88%**

Division-wise Water samples tested for Residual Chlorine

The number of samples collected for the presence of Residual Chlorine was 89697, out of which 81.78% had the required amount of Residual Chlorine.

S. No.	Division	Collected	No. of found fit	% age fit
1	Delhi	23988	23628	98.49%
2	Moradabad	17528	14407	82.19%
3	Ambala	16149	16149	100%
4	Firozpur	13753	7880	57.29%
5	Lucknow	15345	8359	54%
6	JUDW	2934	2934	100%
	TOTAL	**89697**	**73357**	**81.78%**

7.7 Surveillance of Communicable diseases

Northern Railway has been actively participating in the implementation of National Health Programmes viz. Control of Malaria, Filaria and other Vector Borne Diseases, Control of Tuberculosis, AIDS Awareness etc. Surveillance is also kept on various other communicable diseases. No communicable disease in epidemic proportions was reported during the year.

Communicable Diseases

A statement showing the no. of attacks and death due to various diseases is as follows:-

S. No.	Name of disease	No. of attacks	No. of Deaths
1.	Cholera	-	-
2.	Plague	-	-
3.	Small Pox	-	-
4.	Malaria	21	-
5.	Other fever/ Enteric fever	23908	-
6	Tuberculosis	361	03
7.	Leprosy	-	-
8.	Diphtheria	01	-
9	Other cases (Influenza, Mumps, Measles, Chicken Pox, Whooping Cough etc.)	210	-

7.8 Health Education:

The importance of Health Education is recognized in Northern Railway. Continuous efforts were made to impart Health Education to various sections of Railway population through Multi-Purpose Health Drives. Medical Officers and paramedical staff gave regular lectures on health topics in various Training Courses. Railway beneficiaries were educated on health related subjects at Railway Health Units.

7.9 Training:

Northern Railway is conscious of the importance of in-service Training as a tool for Human Resource Development. Medical Officers were motivated to participate in the Continuing Medical Education Programme. Following steps were taken in this direction to facilitate their attendance:

- Arranging CME programs.
- On line Seminars were conducted.
- Oriental Training Programme were conducted time to time.

A. Gazetted Staff:

S. N.	Medical Officers	Nos.
1.	Total No. of UPSC selected doctors working as GDMO/Specialists	193
	i) GDMO	60
	ii) Specialists	133
2.	Total No. of Doctors attending scientific conferences, once during the year while working as	
	i) GDMO	16
	ii) Specialists	72
3.	Total No. of Doctors attending scientific conferences twice during the year while working as specialist.	72
4.	Number of doctors who underwent professional training of one week more duration	2
	i) Total number of SAG Medical Officers	97
	ii) Number of SAG Medical Officer who attended Hospitals administration training of one week or more duration.	01

B. Training Programme Paramedical:

Training was provided to medical personnel like H&MIs, Nurses, Office Supdt., Safaiwalas, HAs, Radiographers. The modules of training for Group "C" & "D" staff were used with some modifications. Matrons, Health & Malaria Inspectors, Office Staff were also sent for Management Development Programmes for senior supervisors.

S. No.	Training of Paramedical Personnel	Nos.
1	Total number of Paramedical Personnel	1741
	Number of Paramedical Personnel trained in-house	1572
	Number of Paramedical Personnel deputed for training to outside institutions	02

7.10 Non-Railway Earnings

There was decrease in the earnings from Non-Railway sources. Amount collected Rs. 87,47,643/- during the year 2024-25 as against 1,17,70,745/- in the previous year.

7.11 Division wise position of St. John Ambulance Brigade:

S N	Division	Ambulance	Nursing	Cadet
1	Delhi	12	05	850
2	Ambala	01	0	35
3	Moradabad	0	0	0
4	Lucknow	58	19	39
5	Firozpur	0	0	0
6	JUDW	0	0	0
	TOTAL	**71**	**24**	**924**

Co-operation was sought and assistance was obtained from various Voluntary Organizations wherever necessary to supplement the Administration's efforts in implementing the National Health Programme. NRWWO, St. John Ambulance Brigade and The Bharat Scouts and Guides have given their valuable assistance in implementing F.W. programmes, Pulse Polio Immunization, First Aid in fairs and festivals etc. Financial assistance was provided to needy employees suffering from chronic diseases such as TB, Cancer and Leprosy from CSBF.

7.12 Accident Relief :

There are 12 ARME Scale-I and 46 ARME Scale-II on Northern Railway to provide rescue and relief at the time of accidents. ARME Scale-I of SRE is of Self Propelled type. The locations of ARME are as follows:

	Division	ARME Scale-I	ARME Scale-II
1	Delhi	Delhi	Jakhal, Rohtak, Panipat, Kurukshetra, Muzaffarnagar, Shamli (6)
2.	Lucknow	Lucknow, Ayodhya	Unnao, Barabanki, Raibareli, Sultanpur, Jaunpur, Janghai, Shahganj, Akbarpur, Unchahar, Haldargarh, Varanasi (11)
3.	Ambala	Ambala, Saharanpur, Bhatinda	Shimla, Dharampur (H.P), Kalka, Dhuri, Nangal Dam, Sirhind, (6)
4.	Firozpur	Firozpur Cantt, Ludhiana, Pathankot, Amritsar, Badgaon.	Fazilka, Moga, Jammu Tawi, Mukerian, Kotkapura, Baijnath Paprola, Kangara, Patti, Batala, Nawanshahar, Jalandhar City, LohianKhas, Udhampur, Banihal, BDGM (15)
5.	Moradabad	Moradabad, Roza, Haridwar	Dehradun, Laksar, Najibabad, Hapur, Chandausi, Bareilly, Balamau, Shahjehanpur (8)
	Total	**14**	**46**

7.13 The Highlights of 2024-25

MD/NRCH: Details of New technologies introduced during the year 2024-2025.

1 Ophthalmology

- New 2nd generation anti VEGF injection Faricimab (VABYSMO) approved for Diabetic macular edema, Age related macula disease, retinal venous occlusion now started in NRCH for all eligible patients of retinal diseases.
- Ahmed Glaucoma Valve (AGV-GDD Glaucoma Drainage device) now being implanted in patients of advanced glaucoma disease.
- Toric EDOF PCIOL (intra intraocular lens with cylindrical power with near and distant vision capability) lenses now being implanted for eligible patients.

- OCT Angiography (TOPCON- OCTA) machine installed capable of doing retinal angiography without the need of injecting dye to the patient, this equipment is also capable of OCT swept source, glaucoma RNFL measurement and anterior segment OCT for corneal evaluation available for the patients.
- LIO - Retinal Laser machine (QUANTEL) installed for doing Laser procedures for various retinal diseases in patients.

2 Dental Department:-

- A new state of the art Hi Tech Dental unit with latest technology and accessories installed in October 24.
- Latest digital dental radiography machine, Cordless RVG installed in November 24.
- One more Dental chair and unit with latest accessories was installed in Dental OPD.
- Hemi-mandibulectomy done in a case of pathological fracture due to osteomyelitis.
- Sub-mandibular intubation given in many cases of pan-facial bones fracture fixation.
- Buccal pad graft repositioning done to repair defect after excisional biopsy of a growth in cheek.
- Buccal advancement flap surgery done in a case of localised gingival recession.
- Absolute alcohol injection block given in the management of a case of trigeminal neuralgia

3 Dermatology Department:-

- Fractional Co2 Laser.

4 Orthopedics Department:-

- Spine Endoscopy- Biportal.
- Spine Endoscopy-Uniportal.

5 Anesthesia Department:-

- Introduced Pain clinic this year with a visiting pain consultant Given lots of new blocks.
- USG shoulder prolotheraphy for shoulder pain
- PRP block given in shoulder joint
- Adenolysis done of subscapular ligament
- Transforaminal Nerve block given under fluoroscopy guidance
- Greater occipital, Suboccipital nerve block given with alcohol neurolysis
- Caudal epidural + Facet joint block
- Right median nerve release done for carpel tunnel syndrome
- Sacroilliac joint block with
- Genicular nerve block given with cooled radiofrequency under USG
- Cervical epidural
- Trigeminal Nerve block given under Fluoroscopy guidance

- Costoclavicular block.
- Rectus sheath catheter for giving pain relief over prolonged period.
- Self releasing Elastomeric pumps with epidural catheters for pain relief in cancer patients and patients with multiple rib fractures.
- Introduced Ultrasound Guided.
- Assessment of gastric volume.
- Putting Subclavian catheters for dialysis.
- Cooled radiofrequency genicular nerve blocks.

6 ENT Department:

BONE CONDUCTION HEARING IMPLANT SURGERY

A bone conduction hearing implant surgery was done on a 41-year-old patient, a technician from UMB having Treacher-Collin syndrome with absent auricles and multiple middle ear problems. Previously, the patient had undergone a Bone Conduction Hearing Implant surgery at PGI/CDG 10 years back on the left side. The previous Bone Conduction Hearing Implant had become non-functional and outdated. The patient was taken for surgery with the latest model of Bone Conduction Hearing Implant (Medel Bone Bridge) in December 2024.

Switch-on of the external device was done three weeks after the surgery, which showed that the patient was hearing with the bone conduction hearing implant.

This was a very rare case and the surgery is a rare surgery. This was the first time that Surgery was done in NRCH/NDLS.

7 Gynae Department:

- Informative videos are being prepared and displayed in waiting area of GOPD for better understanding and involvement of patient and family in care of the patient and helping them in achieving a better lifestyle.
- More Advanced Laproscopic and Hysteroscopic cases are being done in our department.
- Laproscopic excision and suturing of scar ectopic.
- Laproscopic Myomectomy for Cervical Fibroid.
- Hysterescopic guided Septoplasty.
- Recently adopted policy of Labour Companion.
- Insertion of Subdermal Implants.

8 Microbiology Department:

New tests introduced -

- Galactomannan Aspergillus Antigen test.
- HSV 1/2 DNA Qualitative PCR & MTB-INH Resistance PCR test.

- Qualitative PCR for Scrub typhus and
- Qualitative PCR for Leptospira

  New equipments installed -
- Fully Automated Enzyme Linked Fluorescent Assay Immunology Analyzer (VIDAS)
- Lateral Flow Assay Reader (Cube Reader)
- Micro-centrifuge
- Centrifuge Machine for 50 ml Falcon® Tube
- Dry Bath
- Tissue Homogenizer
- Nos. of Bacteriological incubators (Small)
- Hot Air Oven Small
- Bio-Safety Cabinet CLASS - II, B-2
- VDRL Shaker
- Aerial Disinfection System
- Real Time Quantitative Micro PCR Analyzer (TrueNat)
- Deep Freezer (-80°C)

  Research and publications-
- Publications by the department in year 2024-25
- in National Journal & 3 in International Journals
- Case report & 3 Original research articles.
- Teaching Program
- DNB Microbiology broad speciality course started - 1st Batch of 02 post - MBBS DNB trainees joined in the department.

9 Surgery Department:-

- Total Thoracoscopic Laproscopic Esophagectomy for Esophageal cancer
- Lap Radical gastrectomy with use of orvil for esophagojejunosomy Lap Radical cholecystectomy for gallbladder cancer
- Video assisted Thoracoscopic surgery for mediatinal tumor
- Video assisted Thoracoscopic surgery for lung resection
- Laproscopic bile duct excision & Hepaitcojejunstomy
- Laproscopic total colectomy
- Laser ablation of prostate
- Laser lithotripsy
- Laproscopic partial nephrectomy
- Laser ablation of varicose vein
- Laser ablation of fistula & hemorroid

Delhi Division:-

New Medical Equipment:-

A YAG Capsulotomy machine was installed in the Eye OPD at NRDH and inaugurated by DGRHS on 10.07.2024. A Centrifuge Diagnostic Machine was inaugurated by CMS/DLI on 11.07.2024.All medical equipment's are under AMC and functional.

Lucknow Division

Details of New technologies introduced during the year- 2024-25:-

- BRBAE (Birth registration Based Aadhar Enrolment) – Total number of enrolment till date 58.
- Dental X-Ray Machine with RVG.
- CSR: - 2 industrial RO filter machine of 150 litres capacity were installed on 6th, January 2025 at NRDH through CSR by Northern Railway Co-operative Bank.
- In January 2025, an MOU was signed with RFREC Lab for testing the Food samples under Lucknow Division
- In 2025, the Charbagh Station and the Northern Railway Divisional Hospital, Lucknow canteen received the 'Eat Right' certificate from FSSAI.
- In 2025, for the first time in the Lucknow Division, a fogging contract was implemented in Alambagh and Charbagh for the prevention of mosquito-borne diseases.
- Play Room for children admitted in NRDH.
- Open Gym for patients at NRDH.

Firozpur Division

Details of New technologies introduced during the year- 2024-25:-

- Outsourced ambulance is available at DH/FZR, HU/LDH and proposals are under process for HU/BDGM, PTK, JUC,ASR.
- 09 Patient under Ayushman Bharat Yojana(62600/-) and 22 Private patients treated at DH/FZR (201839)/-) Total revenue generated is Rs.-(62600+201839)=264439/-
- Modular OT of DH/FZR has started functioning.
- Ultrasound machine, Endoscope & Colonoscopy installed and commissioned DH/FZR.
- All world Health days celebrated at DH/FZR & other health units.
- In-house refresher training Imparted to 100% paramedical staff.

Ambala Division

Details of New technologies introduced during the year- 2024-25:-

- MFR Kit = 15
- OT Lights = 01
- 10 ECG Machines
- Motorized beds = 10

- Optical biometry = 01
- Hydrolic OT Table = 01
- NDYAG Laser machine = 01
- Vessel ceiling system = 01
- Automated perimetry = 01
- OCT Machine = 01
- Horizental Steam steriliser = 01
- (Mobile Dental Unit) including dental chair, X-ray machine,RVG Micro mater, apex locator etc. =01

Special Achievements of Delhi Division during the year-2024-25:-

- **Hospital Management Information System**:- All modules of HMIS have been successfully implemented in the divisional hospital and at all associated Health Units.
- **Annual Wellness & Multipurpose Camps:** Camps were organized at various workplaces under the jurisdiction of the Divisional Hospital including HU, railway stations and workshops. A total of 13,963 employees and their family members were examined in 585 camps, it includes camp at Gang huts of Delhi Division. A hypertension detection camp was organized at HU SSB on 14.2.25 aimed at early diagnosis, treatment initiation and awareness regarding lifestyle management 100% of RPF employees were examined twice a year under AWAC.
- **Swachhata Hi Seva Pakhwada:** Observed from 17.09.2024 to 02.10.2024 at Divisional Hospital Delhi and associated health units. Cleanliness drives were Conducted from 17.09.2024 to 02.10.2024 at Divisional Hospital, Delhi and its associated Health Units and colonies of Delhi area.
- On the occasion of World environment day swachata pakhwara was launched from 17.9.24 to 1st Oct' 24. Intensive cleanliness drives were organized in railway colonies over Delhi Division. A swachhta Quiz along with speech and debate was organized at Divisional hospital. A mega cleanliness drive was organized on 21st November as desired by the Honorable GM/NR to change the appearance of Railway colonies, cleanliness drive was organised at various locations, including divisional Hospital Delhi, Sadar Bazar, Tugalkabad, Lajpat Nagar, Ghaziabad, Basant Lane, Delhi Kishan Ganj, Merrut city, shakurbasti, Delhi Sarai Rohilla, Punjabi bagh, Jind & S.P. Marg colonies & Health Unit.
- The cleanliness drive was held under the guidance of Chief Medical Superintendent, Smt. Asha Rani, CMS/DLI, to change the appearance of Railway colonies. Plant Saplings planted in the hospital premises by CMS, ACMS/ Admin, officers and paramedical staff. Sramdan pakhwara was also organized. Northern Railway.
- On September 23, 2024 organized a mega drive, Selling of recycling products which were made by CHI and staff of BRD, PB and JIND colony and collected Rs.700/- and deposited at station earning of their respective station. Approx 180 staff with family members participated in this drive.

- **Mosquito Terminator Train:** Flagged off by ADRM/DLI and CMS/DLI from NDLS Station from 16.08.2024 to 21.09.2024 to control vector-borne diseases like dengue and malaria. The train sprayed insecticide along a 50–60-meter stretch of the railway track across ring railway and six nominated routes. Additional fogging and awareness drives were conducted in railway colonies, ensuring high sanitation standards with zero complaints , Sprayed insecticides during train movements, sanitizing areas up to 50-60 meters along the track, covering Ring Railway and six nominated routes (16.08.2024 – 21.09.2024). Conducted awareness drives and fogging in railway colonies to prevent mosquito breeding. Maintained high sanitation standards leading to zero complaints.
- **Festival Rush Medical Arrangements:** First Aid Booths were operational from 26.10.2024 to 07.11.2024 and in March 25 during Dussehra, Diwali, Chhath Puja and Holi at five major stations (DLI, NDLS, HNZM, ANVT, DEE). 06 booths with round- the-clock ambulance services were staffed by outsourced doctors and paramedics.The arrangement was efficient and highly appreciated by authorities.
- **Medical Examinations:** A total of 4,029 employees under A1 & A2 categories were examined ensuring timely completion of Periodic Medical Examinations (PMEs) for A1 staff.
- **Water Testing:** 23,885 samples tested for chlorination. 1,125 samples tested for bacteriological contamination to ensure safe drinking water.
- **World Environment Day (5 June):** Tree saplings were planted in hospital premises by CMS, ACMS/Admin, officers and staff.
- **World Rabies Awareness Day (28 September):** Dr. Hirdesh Chawla/ DMO delivered a session on post-exposure measures for the public.
- **World Breast Feeding Week (1–7 August):**An awareness session was held in Gynae OPD on 5 August to promote breast feeding.
- **78th Independence Day (15 August):** Celebrated with cultural performances by NRDH staff in the present.
- **World Blood Donor Day (14 June):** On its 20th anniversary, an awareness program was conducted at the OPD block highlighting the importance of blood donation.
- **World Meditation Day (21 December):** Conducted at OPD Block, led by Dr. S.K. Nagar, focusing on meditation's role in physical and mental well-being.
- **International Yoga Day (21 June):** Celebrated with yoga and pranayama sessions led by Dr. Vijay Kumar Verma, CMS/DLI, who encouraged daily practice for better health.
- **World AIDS Day (1 December):** awareness on preventive measures was for HIV infection in general public was given.
- **100 Days TB Elimination Program (Ministry of Health & Family Welfare):** Delhi Division initiated this program focused on early detection and treatment, with the following activities: Awareness program on 16.12.2024 at NRDH, led by District TB Officer, Delhi Govt. Posters and banners displayed at hospitals and dispensaries. TB check-up camp

held at Old Delhi Station on 07.01.2024 for vulnerable groups. Public announcements prepared by NRDH and broadcast across Delhi stations.

- **Maha Kumb Mela first Aid booth at LKO and at all major stations at Delhi Division:** Delhi Division teams having doctors and paramedical staff were sent to Prayagraj for first aid booth w.e.f 10.1.25 to 28.2.25 and first aid booths with ambulance and contractual doctors were also set up at NDLS, ANVR, DLI and GZB to manage passenger rush at all stations during Maha Kumb rush.

Special Achievements by Medical Department, Lucknow Division during MAHA KUMBH- 2025.

- Total of 93697 people were provided first aid during the Maha Kumbh-2025 which was 335% higher than last Kumbh- 2019 in the division. During Maha Kumbh-2025 the pilgrims visited not only Prayag but also Ayodhya & Varanasi. All these three stations are within the division. Managed First Aid booths at 7 stations within the division which were functional 24X7 during the entire period of Maha- Kumbh- 2025.
- **PRG, PRGS, PHM:** To attend the employees and pilgrims requiring admission and treatment two Mela Chikitsa Kendra were set up at PRG and PRGS. The Mela Chikitsa Kendra had 04 beds each with the availability of all medical equipment such as ECG Machine, AED, Oxygen concentrator and emergency medicines fully equipped to manage emergencies.
- 5 First Aid Booths were setup to attend the employees and pilgrims requiring admission and treatment.
- **AYC, AY:** 2 First Aid Booths were set up at both AYC & AY to attend the employees and pilgrims requiring admission and treatment.
- 04 Bedded ward was made functional, fully equipped with all medical equipment's and all emergency medication to manage emergencies.
- **BSB, KEI:** 3 First Aid Booths were set up within BSB & KEI to attend the employees and pilgrims requiring admission and treatment. Two booths were functional at BSB while other was functional at KEI.



World Health Day: NRCH



New Delhi : Indian Railway Medical Services Association organised the Multi-Superiality Annual Conference 2024 was conducted at NRCH, New Delhi on 13th & 14th April 2024. The conference was inaugurated by Dr Sugandha Raha DG(RHS, Shri Shobhan Chaudhuri GM NR, Shri AK Singhal AGM, Dr K Sridhar PCMO NR, Dr Amita Jain PCMO NRCH, Dr BK Singh, General Secretary/IRMSA along with release of the Multi-speciality Annual Conference 2024 Souvenir. Dr Sugandha Raha, DG(RHS appreciated the efforts put in by all Doctors in organizing this conference and highlighted the importance of preventive check ups including eye check up for early detection of diseases.

Shri Shobhan Chaudhuri, GM NR praised the occasion and motivated Doctors to continue with such conferences in future and promised full support in all such future endeavours. Dr K Sridhar, PCMO NR encouraged us to work hard and highlighted the achievements of Doctors and appreciated the efforts of organizing team for such a successful conference. Dr Amita Jain, PCMO NR summarised the inaugural session with words of appreciation for all Doctors and congratulated all the doctors from Indian Railways for its success.

The conference was themed at "Recent Advances in Medicine" and filled with various interesting sessions focusing on cutting edge technologies & Advances. Newer developments and was an amazing academic feast, one of its own kind. A cultural evening was also organised for better interactions amongst Doctors & their families which was also appreciated by all.

Indian Railway Medical Services Association





14 vçy 2024 ckck lkgc MkDVj Hkhejko vcMdj th dh t;rh





World Malaria Day on 25th April 2024







Interntional Nurses Day



World Environment Day



15th June, 2024, a Voluntary Blood Donation Camp



International Yoga Day



Innaugration of NRCH Newsletter



Innaugration of Physiotherapy Center at Noida Health Unit



World Meditation Day 21st December



100 Days TB Elimination Campaign





Blood Donation Camp



International Oral & Maxillofacial Surgeon's Day



Third Awareness Session on POSH Act. 2013 & Gender Senisitization





World Environmental Day





World Environmental Day



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World Kidney Day



World Oral Health Day, 2025



Independence Day Celebration



Swachata Hi Sewa Pakhwada



World AIDS Day 1st December, 2024



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World Meditation Day



CMS/DLI review the Exhibition arranged for Cancer awareness through posters and banners to educate the community.



The First Aid Booth was set up at Prayag Station by Delhi Division at Kumbh Mela our medical team successfully provided medical assistance to thousands of pilgrims. While minor cases were managed on-site, serious cases were promptly referred to hospital. Medical team of 4 doctors with 4 para medical staff wassent from 10.01.2025 to conti







Health checkup camp for Working Railway Employee held at Diesel Shed Tuglakabad on 19.03.2025.








Women Day Special Camp organised on 06.03.2025 at DRM Office, New Delhi









Health checkup camp for Railway beneficiaries on 18.01.2025 at Noida Dispensary.





प्राथमिक चिकित्सा
उत्तर रेलवे
लखनऊ मण्डल






















शुभारम्भ
जन्म पंजीकरण आधारित बाल आधार नामांकन
मण्डल चिकित्सालय, उत्तर रेलवे
चारबाग, लखनऊ
28 सितम्बर 2024

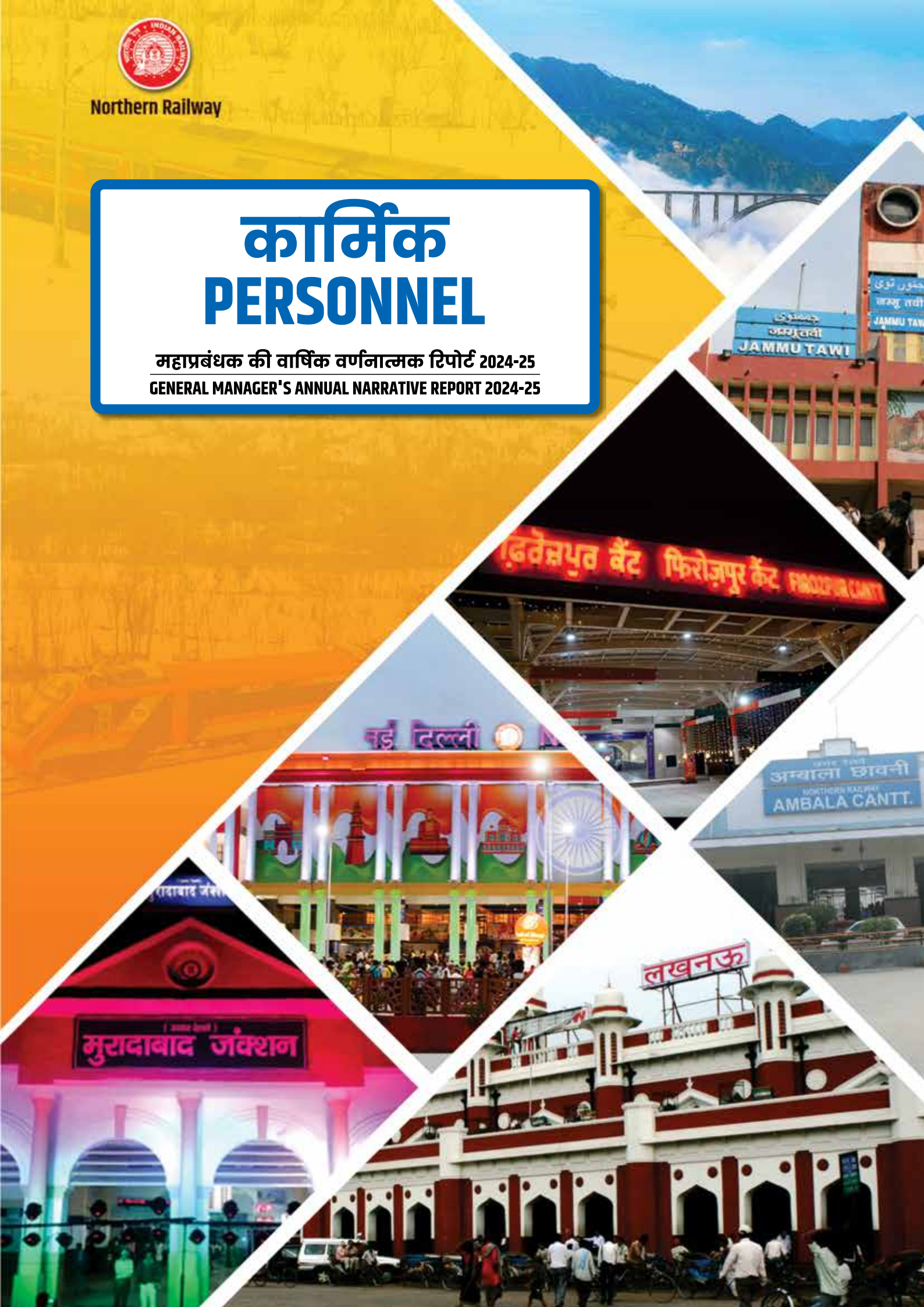




Northern Railway

कार्मिक
PERSONNEL

महाप्रबंधक की वार्षिक वर्णनात्मक रिपोर्ट 2024-25
GENERAL MANAGER'S ANNUAL NARRATIVE REPORT 2024-25



CHAPTER - VIII

8.1 About the Department

The task of the Personnel Department of Northern Railway is to manage and look after the welfare of this large mass of employees and their families.Generally Personnel department's role is to communicate and implement policies. They play an important role by providing the required expertise in maintaining industrial relations by Liasoning with the technical executives.

Functions of Personnel Department

- Man Power Planning.
- Recruitment.
- Training and Development.
- Placement.
- Transfer.
- Performance Appraisal
- Promotions and Demotions.
- Guidance on Disciplinary matters.
- Wage and Salary administrations.
- Settling Industrial Disputes.
- Grievance Redressal.
- Incentives and Financial aids.
- Settlement and Pension.
- Arranging Post retirement benefits and Grievance Redressal of Pensioners.
- Setting up and maintenance of Welfare Activities.

8.2 Performance for the year 2024-25

8.2.1 Trade Union

Our relation with unions on this Railway, i.e. NRMU & URMU continued to be cordial. The issues raised by the unions regarding grievances of staff in personnel matters are being promptly sorted out in various forms of formal and informal meeting, which are being held as per schedule. Regular PNM at HQ level as well as at divisional/workshop level are being held in a fruitful manner. Besides the meetings, several issues are also solved through correspondence, non-payment meetings etc.

8.2.2 General Manager's Level PNM Meetings:

PNM meetings at Zonal level held once in every three months for each recognized union i.e. NRMU & URMU

DESCRIPTION	NRMU	URMU
No.of PNMs held	2*	2*
No. of items pending as on 01.04.2024	127	142
No. of fresh items added	51	60
No. of items finalized	110	99
No of items pending as on 31.03.2025	68	103

* Shortfall in number of meetings was because Secret Ballot Elections were held during 2024-25. when all the Unions were derecognized due to enforcement of code of conduct.

8.2.3 Correspondence Items

In addition to PNM Meetings, the union raises various issues through correspondences addressed to GM, AGM, PCPO & PHODs which are examined at various levels and replies showing final decision are conveyed to the union. The detailed position during the year 2024-25 is as under: -

Description	NRMU	URMU
No. of correspondence letters pending as on 01.04.2024	61	66
No. of correspondence letters fresh added	154	179
No. of correspondence letters finalized	121	156
No. of correspondence letters pending as on 31.03.2025	94	89

8.2.4 Memorandum

Whenever GM/AGM and other PHODs/HODs go on line, the Branch representative and Divisional representatives of the Union hand over the memorandum, which are examined and detailed position of each item of memorandum is sent to the General Secretary. The position of Memorandum for the year 2024-25 is as under:

Description	NRMU	URMU
No. of Memorandum in hand as on 01.04.2024	NIL	NIL
No. of Memorandum received during the period	04	03
No. of Memorandum finalized	03	02
No. of Memorandum pending as on 31.03.2025	01	01

8.2.5 Membership of the Union

For the year ending December, 2024 NRMU & URMU had enrolled 1,05,043 and 1,08,500 members respectively. For the year ending, March 2025, NRMU had 130 Branches (incl. Central Body & Divisional Body) and 1526 Office Bearers whereas URMU had 129 Branches (incl. Central Body & Divisional Body) and 1512 Office Bearers on this Railway.

8.2.6 Number & Cost of Staff as on 31.03.2025

Group	Number of Staff (In Thousand)		Cost of Staff (In Crore)	
	2023-24	2024-25	2023-24	2024-25
Open Line				
Group A	0.96	1.05	304.25	319.72
Group B	0.47	0.46	122.13	123.29
Group C	135.46	134.66	17727.86	19047.79
Total	**136.89**	**136.17**	**18154.24**	**19490.80**
Construction				
Group A	0.11	0.11	43.36	43.98
Group B	0.095	0.091	29.46	27.83
Group C	1.56	1.48	249.73	247.97
Total	**1.76**	**1.68**	**322.55**	**319.78**
Grand Total				
(Open line + Construction)	**138.65**	**137.85**	**18476.79**	**19810.58**

8.2.7 Railway Recruitment Board

DEPARTMENT-WISE SANCTIONED, ONROLL & VACANCIES (With const.)														
Deptts.	**SANCTIONED**			**REDUCTION/IN-CREASE**		**% AGE**	**OPERATED**			**REDUCTION/ INCREASE**		**%**	**VA-CANCY**	**% AGE VAC.**
	01.04.24	**28.02.25**	**31.03.25**	**31.03.2025**			**01.04.24**	**28.08.25**	**31.03.25**	**31.03.2025**				
ADMN	1809	1806	1739	-70	-67	-3.9	1288	1282	1277	-11	-5	-0.9	462	26.6
ACCT	3200	3227	3088	-112	-139	-3.5	1932	1841	1835	-97	-6	-5	1253	40.6
CIVIL	39680	39679	39876	196	197	0.5	30929	30625	30550	-379	-75	-1.2	9326	23.4
MECH	45264	45263	45654	390	391	0.9	38424	37759	37695	-729	-64	-1.9	7959	17.4
TPT	19288	19292	20429	1141	1137	5.9	16863	16725	16695	-168	-30	-1	3734	18.3
COMML	12351	12268	12350	-1	82	0	9564	9401	9365	-199	-36	-2.1	2985	24.2
S&T	8024	8019	7932	-92	-87	-1.1	6334	6257	6244	-90	-13	-1.4	1688	21.3
ELECT	17390	17451	18098	708	647	4.1	14822	14612	14575	-247	-37	-1.7	3523	19.5
MED	3207	3152	3127	-80	-25	-2.5	2576	2450	2419	-157	-31	-6.1	708	22.6
PERS	1483	1487	1485	2	-2	0.1	1312	1272	1263	-49	-9	-3.7	222	14.9
STORES	3154	3154	3120	-34	-34	-1.1	1943	1908	1902	-41	-6	-2.1	1218	39
RPF	7292	7292	7604	312	312	4.3	6930	6892	6965	35	73	0.5	639	8.4
TOTAL	**162142**	**162090**	**164502**	**2360**	**2412**	**1.46**	**132917**	**131024**	**130785**	**-2132**	**-239**	**-1.60%**	**33717**	**20.5**

8.2.8 Railway Recruitment Board

Para No	Subject	Remarks							
10.03	No. of Class-III staff Recruited on open line/construction.	Panels received from RRBs are sent directly to Division/Unit/ Workshop for further necessary posting as per their demand and concerned Divisions post staff in open line/Construction. Details of the total panel sent upto2024-25 is as under:							
		UR	**SC**	**ST**	**OBC**	**EWS**	**Total**	**ExSM**	**PwBD**
		98	40	21	84	24	267	08	05
10.10 (3)	Rectt. of Persons with Benchmark Disability (PwBD) through RRBs.	05 candidates recruited through DR quota.							

8.2.9 Human Resources Development (HRD) and Manpower Planning.

A lot of emphasis is laid on development of human resources, by providing training in the Training Institutes run by Northern Railway. The whole exercise is aimed to improve the productivity level of the staff. In addition, in house training is also being provided by organizing Seminars and Workshops. As a step forward, this Railway has introduced a system of organizing “Quiz Competition” for different departments, wherein, the focus is given on improving the day-to-day working and the professional knowledge. During the period from 01.04.2024 to 31.03.2025 total number of non-gazetted staff trained is as under: -

Initial Training	Promotional Training	Refresher Training	Specialized Training	Other	Total
5763	3323	28836	6232	4509	48663

In addition to Zonal training centres PTC at Udaipur is providing Training to clerks, Law Assistants and Inspectors of Personnel Department wherein different modules have been prepared for different categories. The courses has helped in improving the day to day functioning of Personnel department staff by providing an opportunity to the staff of different units to interact with each other and discuss the problems being faced by them in their respective units.

8.2.10 Establishment of Training Centers for imparting training staff:

For imparting training to the teaching staff there is no established training center on Northern Railway. However, for up-gradation and improving teaching skills of the teachers of Oak Grove School/Jharipani/Mussoorie, our teaching staff are being nominated from time to time for participating in the training programs run by the Kendriya Vidyalaya Sangathan.

8.2.11 Railway Men’s Co-operative Credit Societies:

To create the habit of saving and to provide financial assistance to Railway employees, the Northern Zone Railway Employees’ CTC Society Limited is functioning.This society is functioning with 11 Branch offices in different Divisions, Workshops with Headquarter at New Delhi. In Kalka Workshop,the Kalka Railway Employees’ Urban Salary Earners Co-Operative Thrift & Credit Society Limited and in Lucknow and Moradabad Divisions the Northern Railway Co-operative Banks are in operation with Headquarter at Lucknow.

8.2.12 Railway Men's Co-operative Housing Societies:

No such Co-operative Society is functioning over Norther Railway under Personnel Department.

8.2.13 Railway Schools

Northern Railway is running a prestigious Boarding School named Oak Grove School at Jharipani near Mussoorie Hills in Uttarakhand. The education standard of this School is very high. This School has been a pioneer in education and sports activities and has consistently won a number of Inter School Tournaments and other Competitions. For the benefit of Railway employees' children, one High School is also running at Bareilly in Moradabad Division.

Oak Grove School- Result

Comparative result of class X & XII for the year 2024 & 2025							
	Total No. of students who had appeared		Number of students who secured 90% and above marks	Number of students who secured 80% and above marks	Number of students who secured 60% to 80% marks	Number of students who secured 33% to 60% marks	Failures
	Year						
Class-X	2024	56	21	19	14	02	NIL
	2025	58	26	15	14	03	NIL
		Commerce		03	01	01	NIL

			Total No. of students who had appeared	Number of students who secured 80% and above	Number of students who secured 60% to 80%	Number of students who secured 33% to 60%	Failures
Class XII	2024	Stream					
		Science		04	07	00	NIL
		Humanities		08	06	00	NIL
		Commerce		03	01	00	NIL
	2025	Stream					
		Science		05	07	01	NIL
		Humanities		05	00	00	NIL
		Commerce		03	01	01	NIL

8.2.14 Staff Benefit Fund Committee

Welfare Activities:- 12,97,13,600/- (Twelve Crore Ninety-Seven Lakh Thirteen Thousand Six Hundred Only) were allocated under the Staff Benefit Fund to Northern Railway for the year 2024-25 and the amount has been gainfully utilized for activities such as Education, Recreation, Culture, Women Empowerment, Ayurveda, Homeopathy, Institute & Club Facilities, Sports, Scouts & Guides, relief in distress etc.

The Central Staff Benefit Fund Committee (CSBFC) functions at the Headquarters office and Divisions/Workshop Staff Benefit Fund Committee are functioning on Divisions & Workshops

under the aegis of CSBFC. The allotment of staff benefit fund for the year of 2024-25 for different staff welfare activities is as under:

Head No.	Activities Head	Total (in ₹)
1	Education Scholarship for Higher Technical/ Professional education for wards of staff in grade pay of above ₹2400/- and up to ₹4200/- @ ₹1500 pm	18808472
2	Scholarship for higher technical/professional education of girl child of staff in GP ₹2400/- @ ₹1500/- p.m.	17835620
3	Scholarship for higher technical/professional education of Male child of staff in GP ₹2400/- @ ₹1500/- p.m.	16214200
4	Women Empowerment Activities including Seminar, camps,training programmed gender sensitization camps etc.	4539976
5	Recreation other than sports	4053550
6	Recreation facilities at institutes and clubs etc.	5837112
7	Promotion of Cultural Activities	2594272
8	Relief of distress, sickness etc. for staff in grade pay up to ₹4600/-	17835620
9	Sports activities	4864260
10	Scouts & Guides Activities	3567124
11	Indigenous System of Medicine Including Homeopathy	5837112
12	Immediate relief in times crisis arising out of floods famines, landslide, fire or any other calamity	3891408
13	Developing occupational skills of physically/mentally challenged railway employees and their wards including purchase of wheel chairs, other aides, special software etc. and organizing workshops, seminars, camps etc.	8107100
14	Miscellaneous	12971360
15	Promotion of mental health and wellbeing of employees	2756414
	Total	**129713600**

8.2.15 Relief to patients

Assistance continued to be given in case of sickness of employees, both in Group ‘C’ or erstwhile Group ‘D’ staff who remain on Leave without Pay (LWP) for a period exceeding one month, on the basis of a sick certificate issued by the Railway Medical Officer. The benefit is available only in case of employees suffering from T.B, Cancer, Leprosy, Paralysis, Mental and Cardiac diseases. The assistance is given at the flat rate of Rs. 15,000/- pm. to all Railway employees belonging to all non-gazetted staff

8.2.16 Cultural Activities:

Inter Divisional Cultural Activities details are as under: -

1. Inter Divisional Cultural Competition (Drama) – 2024 was organized by Firozpur Division at Punjab Natshala Amritsar on 21.08.2024.

2. Inter Divisional Cultural Competition (Music) – 2024 was organized by Moradabad Division at Manoranjan Sadan on 25.10.2024.

3. Inter Divisional Cultural Competition (Dance) – 2024 was organized by Lucknow Division at New Auditorium, RDSO on 08.11.2024.
4. Inter Railway Cultural Competition (Music) – 2024 was organized by Metro Railway Kolkata from 17.12.2024 to 18.12.2024 at Belgachia Auditorium. Northern Railway secured second position.
5. Cultural Programme was organized by Northern Railway on 23.01.2025 at National Rail Museum, New Delhi during 69th Vishisht Rail Seva Puruskar – 2024

8.2.17 Women Empowerment:

International Women's Day was celebrated with great zeal in Baroda House, HQ office from 3rd March 2025 to 12th March 2025 followed by a grand function at National Rail Museum, Chanakya Puri on 12th March, 2025. General Manager Northern Railway and President NRWWO graced the function.

The grand function on 12th March was held after a ten days long campaign comprising a series of events i.e Special Women Health Check-up Camp, Games/Sports for the Women railway employees at Karnail Singh Stadium, Food- Cooking Competition, Rangoli Competition. Workshop on Stress management and Women's Health at Pratap Garh Farm (Jhajjar, Haryana), Seminar on "Bridging Diversity: Balancing Life, Career and Family" by Minakshi Bansal, Founder Life Essence. The awards were given to meritorious non-gazetted women Railway employees and to the winners of the Rangoli Competition, Food and Cooking Competition, Games/Sports & Best dressed Competition. International Women's Day event was a grand success & women staff and officers of the HQ Office availed the health camp benefits.

8.2.18 Canteen Welfare.

22 Non-Statutory and 10 Statutory Canteens are running for the benefit of staff on "No profit No loss" basis over Northern Railway in different Divisions and Workshops/Units.

8.2.19 Recreation Club, Institute & Children Park

Over Northern Railway 12 Officers' Clubs & 09 Railway Institutes are functioning where staff and their families are provided with the facilities for recreation &amusement, like Indoor Games, Out Doors Games, Libraries, Gym etc. A number of Children Parks, in Railway colonies, have been equipped with Swings, Sea-saw and Slippery Slides etc.

8.2.20 Holiday Homes

To facilitate the staff to have an enjoyable holiday with their family and refresh themselves, well-furnished Holiday Homes with facilities of crockery, utensils and cooking-gas are run by Northern Railway. Accommodation is provided to the staff in the Holiday Homes at very nominal charges. At present, Holiday Homes are available at Shimla, Barog, Haridwar, Baijnath Paprola, Muni Ki Reti, Rishikesh, Patnitop, Mussoorie (Garhwal Hotel), Palampur, Kasauli, Salara and Manali. In addition, Holiday Home at Katra is likely to be completed and would become operational, as soon as the same is handed over by the Construction Department.

8.2.21 Holiday Camps

Holiday camps for employees, spouse camp, women's camps and camps especially for physically challenged employees are being conducted regularly on this Railway under the aegis of Staff Benefit Fund. An amount of Rs. 66,83,742/- (Rs. Sixty-Six Lakh Eighty-Three Thousand Seven Hundred Forty-Two Only) has been allotted for Division/Units and Workshops of Northern Railway during the year 2024-25 on this account.

Details of the Holidays Camps are as under:-

1. Children Camp was organized at Nainital from 08.06.2024 to 12.06.2024 under the aegis of Central Staff Benefit Fund. 50 Children (Twenty-Seven Girls and Twenty-Three Boys) participated from all divisions and units of Northern Railway. The camp journey up to Kathgodam was by train and onward from Kathgodam to Nainital, by road. Children visited Naini jheel, enjoyed boating, Himalaya Darshan, Geological Cave Garden, Sattal Lake, Naina Devi Temple, Tibbetian Market, Bhimtal Lake, Bell Temple, Naukuchiaya Tal and enjoyed complete trip. During the camp, children played different games and also learn benefits of regular yoga in life. Children also enjoyed camp-fire by performing dance, drama, jokes, poem, solo song, group song and winners of games received awards from the Camp Commander.
2. Employees camp at Leh Ladakh was organized by CSBFC from 22.08.2024 to 26.08.2024, 52 Railway Employees from Division & Unit of Northern Railway participated.
3. Women Camp was organized by CSBFC 17.12.24 to 21.12.24. It was a trip to Goa by air. 52 Railway Women Employees participated from different Divisions and Units of Northern Railway.

8.2.22 Scholarship granted for technical education to children of railway employees during 2024-25.

Over Northern Railway 3,25,44,472/- was granted as scholarship for technical education to the children of railway employees during year 2024-25 under following heads:-

(i) Scholarship for higher technical/professional education for wards of non-gazetted railway employees whose grade pay is above 2400/- @ 1500/- per month.

(ii) Scholarship for higher technical/professional education of Girl children of railway staffs in grade pay up to 2400/- @ 1500/- per month.

(iii) Scholarship for higher technical/professional education of male children of railway staffs in grade pay up to 2400/- @ 1500/- per month.

8.2.23 Film Show

No such activity is running in Northern Railway.

8.2.24 Labour Welfare Organization

The Labour Welfare Organization at Northern Railway functions under the administrative

control of Principal Chief Personnel Officer, CPO/IR, Dy.CPO/IR in Headquarters Office and the Dy.CPOs and Sr. DPOs in Divisions/ Workshops who are Incharge of the Welfare work. Welfare Inspectors are posted in all the Establishments including Workshops, Stores Depots who are required to contact the staff within their beats to handle the grievances, including non-payment claims etc. They are also required to educate the staff regarding various welfare schemes available for their benefits.Welfare Inspectors also visit Hospitals, Schools, Handicrafts Centres, Recreation Clubs, Staff Canteens, Sheds and Stations to ensure their proper functioning. They also serve as internal machinery for ensuring proper implementation of various Labors Laws.

8.2.25 Handicraft Centers

To augment the earning of the employees family, as also to provide training as to how to give them an opportunity to earn some additional income, Northern Railway has set up 04 Handicraft Centres at various locations. Tailoring, Knitting, Embroidery work & file cover making are also done by the willing female family members of Railway Employees in these Handicraft Centers.

8.2.26 Railway Men's Consumer Co-operative Societies:

At present no consumer co-operative societies is in operation over Northern Railway.

8.2.27 Pension Adalat

The pension Cell in the Headquarters Office continues to provide guidance for implementation of the Board's order received from time to time. The benefits of Liberalized Railway Pension rules and the Family Pension are brought to the notice of the employees. The Inspectors of 'Personnel Department' are deputed to chase the outstanding cases and to help in quick disposal of settlement cases referred to Headquarter Office. They also assist the widows in submitting their claims for the grant of Ex-gratia payment, which is paid to the widows of those CPF beneficiaries who had died prior to 1.1.86 Inspectors also help in filling up of pension form of retiring employees.

In the Divisional Offices, an APO has been specifically nominated to ensure expeditious payment of settlement dues. By taking action in advance of the date of retirement, in respect of verification of service and leave account etc. Instructions have also been issued that Sr.DPOs along with Sr. DFM will review the settlement cases once in a month.

The Pension Cell in the Headquarter Office keeps a watch on the progress of settlement cases and also issues clarification on the points raised by various Division and Extra Divisional Offices in this connection.

Pension Adalat from 01.04.2024 -31.03.2025				
Pension Adalat Held at	Pension Adalat held on	Cases Receive	Cases Finalized	%
Division Level	16.12.2024	150	139	92.66%
HQ Level	16.12.2024	8	8	100%
Total		**158**	**147**	**93.04%**

The position of settlement cases is also discussed in the Divisional Office with respective Divisional Railway Managers and between Principal Officers and General Manager.

8.2.28 Position of Settlement cases of Northern Railway as on 31.03.2025 was as under:

	Pension cases	No. of cases
1.	Opening balance on 1st April 2024	149
2.	Intake during the year from 01.04.2024 to 31.03.2025	3503
3.	Number of cases in which pensioner benefits were sanctioned during the year 01.04.2024 to 31.03.2025.	3498
4.	Balance at the end of the year ending 31.03.2025.	154

8.2.29 Trekking/ Mountaineering programs organized by NRTMA during year 2024-25

S. No.	Activity	Date (From/ to)
1.	Trek to Khaliya Top – Munsiyari (Uttarakhand)	10th April to 16th April 2024
2.	Adventure Training & Rafting camp at Rishikesh (Uttarakhand)	23rd April to 27th April 2024
3.	Trek to Sunderdhunga Glacier (Uttarakhand)	30th May to 07th June 2024
4.	Trekking Expedition to Pin Bhaba – Spiti (Himachal Pradesh)	28th June to 07th July 2024
5.	Trek to Gangotri- Gaumukh (Uttarakhand)	21st Sept to 28th Sept 2024
6.	Trekking camp at Mathikettan Shola – Munnar (Kerala)	08th Nov to 17th Nov 2024
7.	Desert Trekking camp at Jaisalmer (Rajasthan)for differently abled persons also.	19th Dec to 24th Dec 2024
8.	Skiing Camp at Solang	12th Feb - 18th Feb 2025

8.2.30 Sports

1. Northern Railway successfully Organized All India Inter Railway, Cycling Track Championship 2024-25 at IG Stadium New Delhi and Cycling team secured third position.
2. Badminton (Men) Tennis, Cricket & Hockey Inter Division championship 2024-25 was organized at LKO, MB and Karnail Singh Stadium.
3. NRSA organized summer coaching camp in Delhi area during the summer break for wards of Railway employees wherein Railway coaches train the wards. Free snacks were provided daily.
4. 14 sportspersons have been recruited in Group-C through Talent Scouting Quota and 19 through open advertisement quota in the year 2024-25.
5. 26 Sportspersons have been recruited in erstwhile Group-D through Open Advertisement for year 2024-25 by all divisions & Workshops.
6. International and National event details.

S.N.	Discipline	Position	S.N.	Discipline	Position
1	ARCHERY (M)	First	20	SHOOTING	Third
2	BADMINTON-(M)	First	21	KABADDI-(M)	Fourth
3	CRICKET –(M)	First	22	AQUATICS-SWIMMING	Participation
4	BASKETBALL-(M	First	23	ATHLETICS-(M)	Participation
5	BOXING-(M)	First	24	ATHLETICS-(W)	Participation
6	BOXING-(W)	First	25	BASKETBALL-(W)	Participation
7	CUE SPORTS -9 BALL POOL	First	26	BODYBUILDING	Participation
8	CYCLING (M)-ROAD	First	27	CHESS	Participation
9	WRESTLING-(FS)	First	28	CROSS COUNTRY (M) 10 KM	Participation
10	HANDBALL-(M)	First	29	FOOTBALL(M)	Participation
11	BADMINTON-(W)	Second	30	GOLF	Participation
12	CRICKET –(W)	Second	31	HOCKEY-(W)	Participation
13	GYMNASTICS (M)	Second	32	KABADDI-(W)	Participation
14	HANDBALL-(W)	Second	33	KHO-KHO –(M)	Participation
15	HOCKEY-(M)	Second	34	POWERLIFTING-(W)	Participation
16	CYCLING (M)-TRACK	Third	35	TABLE TENNIS-(M)	Participation
17	POWERLIFTING-(M)	Third	36	VOLLEYBALL(M)	Participation
18	WEIGHTLIFTING-(M)	Third	37	VOLLEYBALL(W)	Participation
19	WRESTLING-(GR)	Third	38	HOCKEY-(W)	Participation

S. No	Game	Event	Championships	National/ International	Name of Sportsperson	Venue	Dates	Medal/ Performance
1.	Wrestling	Individual	Roman Style	International	Anirudh	Jordon	09.05.2024	Bronze
2.	Wrestling	Individual	Olympic Games	International	Aman	Paris	11.08.2024	Bronze
3.	Wrestling	Individual	Championship Free	International	Vicky	Albania	127.10.2024	Bronze
4.	Badminton	Team	Championship	International	Chirag Sen	Poland	05.10.2024	Gold
5.	Badminton	Team	Championship	International	Abinav Thakur	Poland	05.10.2024	Gold
6.	Volleyball	Team	USIC Men Volleyball Champioship	International	Vipul Kumar	Germany	21.10.2024	Gold
7.	Volleyball	Team		International	Rohit Kumar	Germany	21.10.2024	Gold
8.	Volleyball	Team		International	Sameer	Germany	21.10.2024	Gold
9.	Volleyball	Team		International	Vinod	Germany	21.10.2024	Gold
10.	Shooting	Individual	ISSF World Cup Argentina Peru	International	Saurabh Chaudhary	Argentina	27.03.25 to 18.04.25	Bronze
11.	Shooting	Team		International		Argentina		Gold
12.	Shooting	Team		International		Argentina		Bronze
13.	Powerlifting	Individual	49th Senior National Power Lifting Championship	National	Anjali	Kolkata	25.08.2024	Gold
14.	Powerlifting	Individual	Women National	National	T. Madhwan	Pradesh	13.10.2024	Silver
15.	Badminton	Team	Badminton	National	Chirag Sen	Bangalore	24.12.2024	Silver
16.	Badminton	Team	Badminton	National	Abhinav Thakur	Bangalore	24.12.2024	Silver
17.	Badminton	Team	Badminton	National	Kanika Kawal	Bangalore	24.12.2024	Bronze
18.	Badminton	Team	Badminton	National	Desai	Bangalore	24.12.2024	Bronze
19.	Boxing	Individual	National Championship	National	Sachin	Bareilly	07.01.2025 to 13.01.2025	Bronze
20.	Boxing	Individual			Amit	Bareilly		Silver
21.	Boxing	Individual			Nikhil Dubey	Bareilly		Gold
22.	Boxing	Individual			Naman Tanwar	Bareilly		Silver
23.	Boxing	Individual	National Championship	National	Muskan	Noida	21.03.2024	Gold
24.	Hockey Men	Team	4th Hockey India Sr. Men inter Department National Championship	National	Prashant Kumar	Pune	05.09.2024 to 15.09.2024	Silver
25.	Hockey Men	Team		National	Jasjit kalar	Pune		Silver
26.	Hockey Men	Team		National	Parmpreet Singh	Pune		Silver
27.	Hockey Men	Team		National	Shivam Anand	Pune		Silver
28.	Hockey Men	Team		National	Gursahibjit Singh	Pune		Silver
29.	Hockey Men	Team	14th Hockey India Sr. Men National Championship	National	Prashant Kumar	Chennai	04.11.24 to 15.11.24	Bronze
30.	Hockey Men	Team		National	Gopi Kumar	Chennai		Bronze
31.	Hockey Men	Team		National	Om Prakash pal	Chennai		Bronze
32.	Hockey Men	Team		National	Manish Sahani	Chennai		Bronze
33.	Hockey Men	Team		National	Shivam Anand	Chennai		Bronze
34.	Hockey Men	Team		National	Yashdeep Siwach	Chennai		Silver
35.	Hockey	Team	4th Hockey India Sr. women Inter Department national .	National	Shilpi	Delhi	14.10.2024 to 20.10.2024	Gold
36.	Hockey	Team		National	Neha	Delhi		Gold

S. No	Game	Event	Championships	National/ International	Name of Sportsperson	Venue	Dates	Medal/ Performance
37.	Hockey Women	Team	15th Hockey India Sr. Women National Championship	National	Kanika Siwach	Panchkula	01.03.2025 to 12.03.2025	Silver
38.		Team		National	Shilpi	Panchkula		Silver
39.		Team		National	Mudita	Panchkula		Silver
40.		Team		National	Devika Sen	Panchkula		Bronze
41.		Team		National	Bharti Saroha	Panchkula		Bronze
42.		Team		National	Manju	Panchkula		Bronze
43.	Basketball	Team	74th Sr. National Basketball Women Championship	National	Rashi Kothani	Gujarat	05.01.2025	Gold
44.	Basketball	Team		National	Palpreet Singh	Gujarat		Bronze
45.	Basketball	Team		National	Princepal Singh	Gujarat		Bronze
46.	Basketball	Team		National	Himanshu	Gujarat		Bronze
47.	Basketball	Team		National	Arvinder Singh	Gujarat		Bronze
48.	Handball	Team	53th Sr. National Handball Championship	National	Sombir	Kerala	26.12.2024	Bronze
49.	Handball	Team		National	Shamsher Singh	Kerala		Bronze
50.	Handball	Team		National	Sumit	Kerala		Bronze
51.	Handball	Team		National	Deepanshu	Kerala		Bronze
52.	Handball	Team		National	Mandeep Singh	Kerala		Bronze
53.	Handball	Team	53th Sr. National Handball Championship	National	Simran	Hathras	31.03.2025	Gold
54.	Handball	Team		National	Priynaka	Hathras		Gold
55.	Handball	Team		National	Monika	Hathras		Gold
56.	Handball	Team		National	Menika	Hathras		Gold
57.	Handball	Team		National	Deepa devi	Hathras		Gold
58.	Cycling	Individual	Sr. National Track Cycling	National	Vishvajeet singh	Chennai	15.11.2024 to 19.11.2024	Gold
59.	Cycling	Individual		National		Chennai		Bronze
60.	Cycling	Team		National		Chennai		Silver
61.	Cycling	Individual		National	Niraj Kumar	Chennai		Gold
62.	Cycling	Individual		National		Chennai		Silver
63.	Cycling	Team		National		Chennai		Silver
64.	Cycling	Individual		National	Naman Kapil	Chennai		Gold
65.	Cycling	Individual		National	Devender Bishnoi	Chennai		Silver
66.	Cycling	Team		National		Chennai		Silver
67.	Cycling	Individual	Sr. National Road Cycling Championship	National	Vishvajeet Singh	Odisha	7.12.2025 to 11.12.2025	Silver
68.	Cycling	Team		National		Odisha		Gold
69.	Cycling	Individual		National	Birma ram	Odisha		Bronze
70.	Gymnastic	Team	Sr. National Gymnastic	National	Sahil Yadav	Gujarat	25.12.2024	Gold
71.	Gymnastic	Team		National	Shayan Sharma	Gujarat		Gold
72.	Gymnastic	Individual		National		Gujarat		Silver
73.	Kabaddi	Team	Sr. National Men Kabaddi Championship	National	Saurabh	Odisha	20.02.2025	Bronze
74.	Kabaddi	Team		National	Nitin Rawal	Odisha		Silver
75.	Billiards	Individual	Championship	National	Pushpender	Indore	07.01.2025	Silver
76.	Archery	Team	Senior National	National	Sukhmani	Jamsedpur	15.12.2024	Gold
77.	Archery	Individual	Senior National	National	Jasveer Kaur	Jamsedpur	15.12.2024	Bronze
78.	Archery	Individual	Senior National	National	Jasveer Kaur	Jamsedpur	15.12.2024	Bronze
79.	Cross	Individual	59th Cross Country Championship	National	Renu Singh	U. Pradesh	12.01.2025	Gold
80.	Athletics	Individual	63th Open National	National	Vikrant Panchal	Bangalore	30.08.2024	Bronze
81.	Athletics	Individual		National		Bangalore		Bronze
82.	Athletics	Individual		National	Parveen Nehra	Bangalore		Silver
83	Athletics	Individual		National	Shivani	Bangalore		Gold

Others Participated and received certificates.

8.3 PERFORMANCE OF PERSONNEL DEPARTMENT

	Item	2020-21	2021-22	2022-23	2023-24	2024-25	Best Year
1	Sanctioned Strength Non-Gazetted (C+D)	169190	167734	163624	162142	164502	2020-21
2	On Roll Strength Non-Gazetted (C+D)	131433	129536	121159	132917	130785	2023-24
SETTLEMENT CASES							
A	Total for disposal	5447	4812	4437	3759	3652	2020-21
B	Pending	207	335	362	184	154	
C	Percentage	96.34%	93%	87.74%	95.33%	95.78%	
SENIORITY LIST							
A	Due	141	141	2773	2115	3280	2024-25
B	Finalized	141	141	2773	1986	3277	
C	Percentage	100%	100%	100%	93.90%	99.09%	
D	Adhoc Promotion	Nil	Nil	Nil	Nil	Nil	
COMPASSIONATE APPOINTMENT							
A	Total for disposal	989	1316	1032	1052	868	2021-22
B	Finalized	957	1394	804	851	797	
C	Percentage	96.76%	105.92%	77.9%	80.89%	91.82%	
PENSION ADALAT							
A	Cases received	5654	5174	352	283	158	2020-21
B	Finalized	5447	4812	348 (4 rejected)	283	147	
C	Percentage	96.34%	93.00%	100%	100%	93.04%	
MR/MOSR							
A	Total for disposal	60	80	13	0	0	2021-22
B	Finalized	56	76	13	0	0	
C	Percentage	91%	95%	100%	NA	NA	
LEGAL CASES							
A	Total Finalized	256	319	509	701	1063	2024-25
B	Cases decided in favor of admin.	238	294	475	641	917	
C	Percentage	92.96%	92.16%	93.32%	91.44%	86.27%	
PNM MEETING HELD AT GM's LEVEL							
A	PNM	1	4	5	5	4	2024-25
B	Items finalized	70	97	91	159	209	

Northern Railway Bharat Scouts & Guides

1. Participation in Training Course:

S. No	Course	Held on	No.of Participants	Remarks
1.	Leader Trainer Course	01.05.2024 to 05.05.2024	02	Successfully Completed
2.	Himalaya Wood Badge Course of Rover Scout Leader	07.05.2024 to 13.05.2024	02	Participated
3.	National Level Disaster Pre-Preparedness and Management Training on Fire Fighting and Land Slide	08.05.2024 to 17.05.2024	01	Successfully Completed
4.	Pre-ALT Course	25.05.2024 to 31.05.2024	7	Successfully Completed
5.	Specialized Course on Pioneering cum estimation	03.06.2024 to 07.06.2024	Group	Successfully Completed
6.	Specialized Course on First Aid organized	03.06.2024 to 07.06.2024	Group	Successfully Completed
7.	Climate Change	12.06.2024 to 16.06.2024	Group	Participated
8.	National level service camp	22.09.2024 to 28.09.2024	Group	Participated
9.	National level service camp	24.09.2024 to 30.09.2024	Group	Participated
10.	National level service camp	24.09.2024 to 30.09.2024	Group	Participated
11.	National level Environment trekking awareness programme	16.10.2024 to 20.10.2024	Group	Participated
12.	National Youth Adventure Programme	29.12.2024 to 02.01.2024	Group	Participated
13.	National Rover-Ranger Moot	09.01.2024 to 13.01.2024	Group	Participated
14	Diamond Jubilee Jamboree	28.01.2025 to 03.02.2025	Group	Participated

Events & camps organized and training imparted

S. No.	Details of Camp/event	Organized on	Remarks
1.	Cold water service camps	15th may to 30th June, 2024	Service provide for the passengers at the railway station of their districts
2.	Environmental Awareness Cum Trekking camp	19.05.2024 to 23.05.2024	Camp organized at Leela Beri training centre, Raiwala
3.	Service Camp	24.05.2024 to 28.05.2024	State level camp organized at leela Beri training centre, Raiwala
4.	Nature Study Cum Trekking Programme	27.05.2024 to 31.05.2024	Camp organized at Jabli on Kalka-Shimla section.
5.	District Secretary Meeting	29.05.2024	Meeting at Head Office, New Delhi
6.	Street plays, awareness rallies, tree plantation, painting and quiz competitions under Vishwa Paryavaran Abhiyan-2024 on the occasion of World Environment Day	05.06.2024	Camp organized at all the districts under Northern Railway Bharat Scouts and Guides

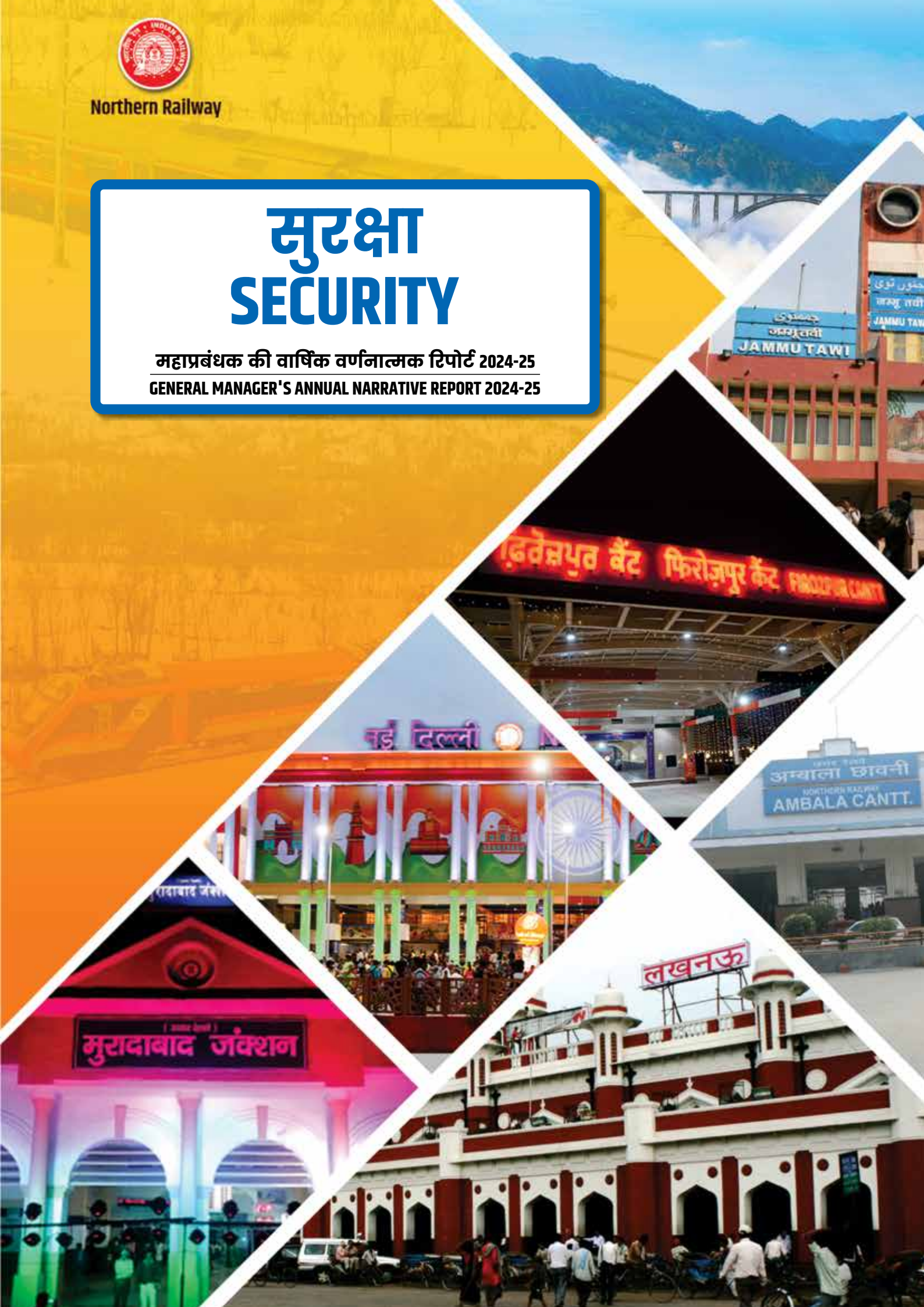
7.	Asia Pacific Region Governance	10th to 15th June, 2024	Programme organized at Gurgaon, Haryana
8.	Environment Awareness Cum Trekking Programme	11.06.2024 to 15.06.2024	Programme organized at leela Beri training centre, Raiwala
9.	Basic flock leader, Basic guide captain, Basic ranger leader course	18.06.2024 to 24.06.2024	Programme organized at leela Beri training centre, Raiwala
10.	Yoga programs on the occasion of International Day of Yoga-2024	21.06.2024	Programme organized at leela Beri training centre, Raiwala
11.	Advanced flock leader, Advance guide captain, Advanced ranger leader course	18.06.2024 to 24.06.2024	Camp organized at Leela Beri Training Centre, Raiwala
12.	Services at Haridwar Railway Station during Kanwar Yatra	20.07.2024 to 07.08.2024	Camp organized at Haridwar Railway Station
13.	01 Basic cub master, 02 Basic scout master, 01 Basic rover scout leader course	24.07.2024 to 30.07.2024	Training programme organized at Leela Beri Training Centre, Raiwala
14.	02 Specialized course for mapping and estimation	31.07.2024 to 04.08.2024	Training programme organized at Leela Beri Training Centre, Raiwala
15.	Various programs on World Scarf Day	01.08.2024	Programme organized at districts level
16.	Independence Day celebrated	15.08.2024	Programme celebrated at districts level
17.	Various programs on National Space Day-2024	Month of Aug.	Programme organized on the instructions of the Head office
18.	Service Camp	20.08.2024 to 26.08.2024	
19.	29th State Rally	27.08.2024 to 28.08.2024	639 members successfully participated
20.	Regional level workshop on WODM and WAGGGS initiatives	01.09.2024 to 05.09.2024	Programme organized at leela Beri training centre, Raiwala
21.	National level Environment awareness cum trekking programme	20.09.2024 to 26.09.2024	Programme organized at leela Beri training centre, Raiwala
22.	Various programs on world peace day	21.09.2024	Programme organized at district level
23.	Swachhata hi Seva Pakhwada	Month of september	Programme organized at various place.
24.	Occasion of Gandhi jayanti and Lal bahadur shastri jayanti	02.10.2024	Program organized at Railway station and railway colonies.
25.	Various programme on the occasion of National Unity Day-2024	31.10.2024	Programme organized at districts level.
26.	Foundation day was celebrated on the occasion of completion of 75 years of Bharat Scouts and Guides	07.11.2024	Programme organized at all the districts of the state of Northern Railway.
27.	Kartik fair of North India	12.11.2024 to 17.11.2024	Provide assistance and services to the passengers.
28.	Cleanliness drives in railway colony, Railway hospitals, tree plantation, maintenance of park and heritage buildings and blood donation etc	November - 2024 to January - 2025	Successfully organized.
29.	Himalaya bud badge course rover scout leader	09.12.2024 to 15.12.2024	Organized first time.

30.	Provide services in the programme organized by RWWO	03.01.2024	Service provide.
31.	Provide services at various stations during Maha Kumbh Mela	10.01.2025 to 28.01.2025	Service provide at NR and NCR.
32.	Provide medical booth services at various stations of Lucknow division during Maha Kumbh Mela	10.01.2025 to 28.02.2025	Service provide as per order of PCMD/NR.
33.	Provided their services for smooth travel of passengers at various station of Northern Railway on the occasion of Deepawali and Chhath Puja	Oct. and Nov - 2024	Service camp.
34.	Sarvadharma prayer Meeting, Campfire, Patrol project, Deeksha Sanskar ceremony on the occasion of Chintan Diwas	22.02.2025	Service camp.
35.	Blood donated to needy railway officers, employees and their families		Service provide at state headquarters.

Northern Railway

सुरक्षा
SECURITY

महाप्रबंधक की वार्षिक वर्णनात्मक रिपोर्ट 2024-25
GENERAL MANAGER'S ANNUAL NARRATIVE REPORT 2024-25



CHAPTER – IX

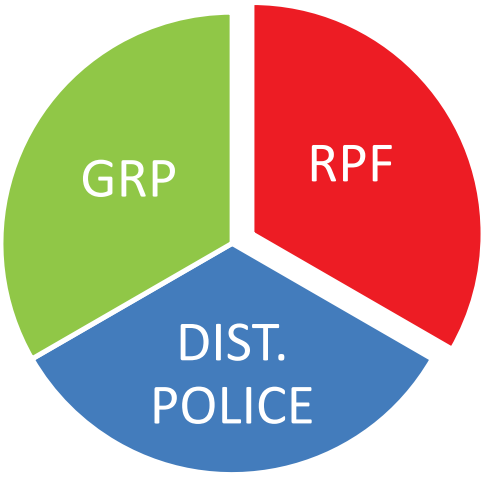
9.1 Department

The Security Department of Northern Railway is being headed by Principal Chief Security Commissioner, Railway Protection Force. The RPF also performs duties relating to passenger facilitation, ensuring passenger's safety and security, action against unauthorized hawkers, beggars and urchins, trespassers etc. In addition, the RPF as a Central Police Organization (CPO) has to undertake duties pertaining to movements, Melas, Agitations etc.

The objectives of the RPF are to carry on an unrelenting fight against criminals in protecting Railway property, Facilitate passenger safety and security by removing all anti-social elements form trains and railway premises, Co-operate with sister departments of the Railways in improving the efficiency and the image of the Indian Railways, Act as a bridge between the Government Railway Police/Local Police and the Railway Administration and adopt all modern technology and management techniques in the pursuit of these objects.

9.1.1 Security System on Indian Railways.

Indian Railways has a three tier Security set up:-



(a) **Railway Protection Force (RPF):** An armed force of the Union constituted under an Act of the Parliament, the RPF Act, for better protection and security of railway property, passenger area and passengers and for matters connected therewith.

Duties of RPF include:

(i) To execute lawful orders.

(ii) To protect and safeguard railway property, passenger area and passengers;

(iii) To remove any obstruction in the movement of railway property or passenger area; and

(iv) To do any other act conducive for the better protection and security of railway property, passengers and passenger area.

For proper execution of these duties, RPF is legally empowered under the following Acts and Rules:

(i) **The Railway Property (Unlawful Possession) Act, 1966 [RP(UP) Act:** This act empowers RPF to conduct enquiry & prosecution of cases involving theft, dishonest misappropriation, abetment, conspiracy, connivance and unlawful possession of the Railway Property.

Railway Property is defined as any goods, money or valuable security or animal belonging to or in the charge or possession of a railway administration.

(ii) **The Railways Act, 1989:** RPF is empowered to conduct enquiry and prosecution of offenders involved in offences like travelling without ticket, alarm Chain Pulling/Hose pipe disconnection, unauthorized hawking/vending, begging, drunkenness, nuisance, trespass, endangering safety of persons travelling by railways, opening or breaking level crossing gates, entering into compartments reserved for female, smoking, unlawfully bringing dangerous/offensive goods, obstructing running of trains etc.

(iii) **The Narcotics Drugs & Psychotropic Substances Act, 1985 [NDPS Act]:** RPF has been empowered to conduct search & do seizure under this Act.

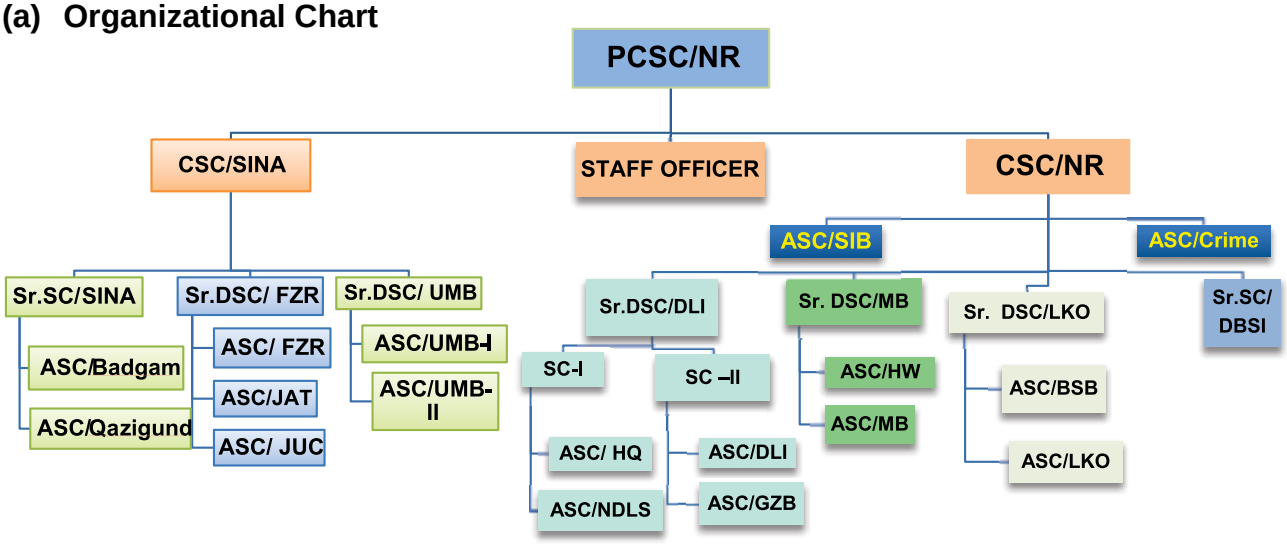
(iv) **The Railway Passengers (Manner of Investigation of Untoward Incidents) Rules, 2003:** Under this Rule, RPF is empowered to conduct enquiry on genuity of claims and submit report to the DRM for submitting written statement, on behalf of the Railways, before the Railway Claims Tribunals (RCTs).

(b) **Government Railway Police (GRP):** GRP is a component of State Police. They are empowered to deal with offences against Passengers and register/investigate cases under the Indian Panel Code (IPC).

(c) **District Police:** In most of the states, District Police is empowered to deal with offences under the IPC, if place of occurrence is between two outer signals and on the tracks.

9.1.2 RPF set up over NR

(a) Organizational Chart



(b) Sanctioned/Present strength of RPF/NR (as on 01.06.2025)

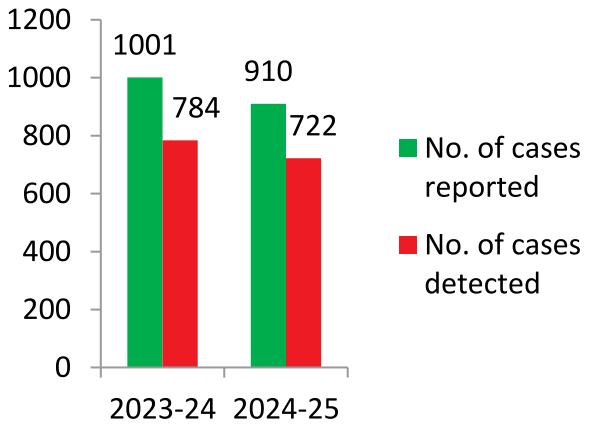
Rank	IG	CSC	JAG	SS	JS	IPF	SI	ASI	HC	CT	Dvr	Ancil/ Artis.	Total
Sanctioned strength	01	03	08	01	19	220	461	757	2377	3880	55	218	8000
Present Strength	01	03	06	03	18	212	417	698	2276	3618	24	185	7461
Vacancy	-	-	02	+2	1	8	44	59	101	262	31	33	539

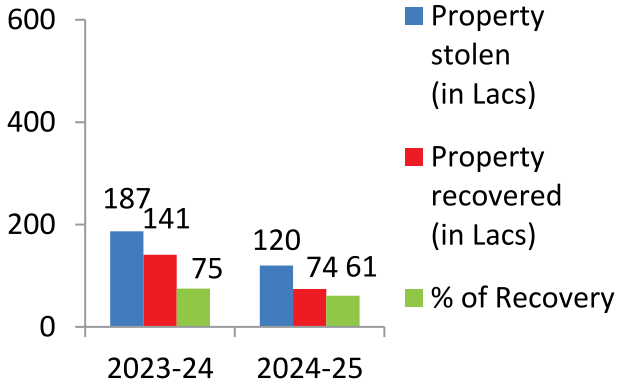
02 JAG Post (Sr.DSC/DLI-E & Sr.DSC/MB) has been temporarily downgraded in Sr.Scale by Railway Board.

9.2 Action Taken by RPF for crime control:-

9.2.1 Crime against Railway Property (Booked Consignment and Railway Materials)

Year	No. of cases reported	No. of cases detected	Value of property Stolen	Value of property recovered	Criminals arrested
2023-24	1001	784	1,87,75,155	1,41,86,457	1718
2024-25	910	722	1,20,02,091	74,35,667	1412





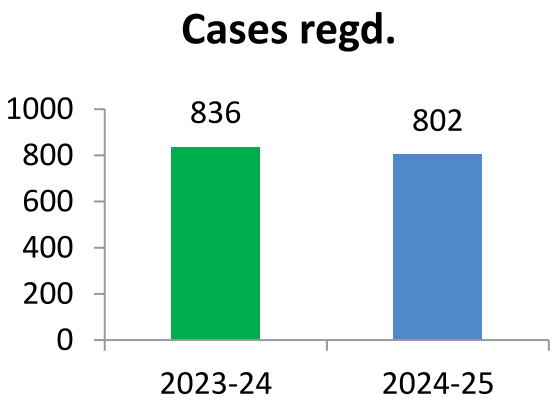
9.2.2 Offences under the Railways Act

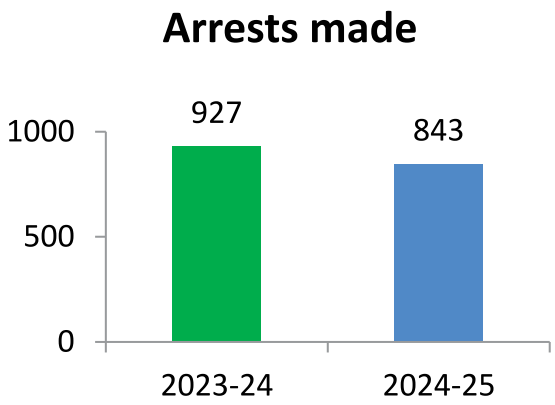
Sections of the Railways Act	2023-24		2024-25	
	Cases registered	Persons arrested	Cases registered	Persons arrested
Travelling without ticket (137 * 138)	159	159	92	92
ACP/HPD (141)	12201	9646	13861	11401
Touting (143)	836	927	802	843
Unauthorized hawking/vending (144)	17059	17067	18899	18913
Nuisance (145)	1969	1966	5981	5966
Trespass (147)	5496	5494	7260	7235

Endangering safety of passengers (153, 154)	979	639	1377	833
Opening or breaking LC gates (160)	1269	1011	1197	965
Entering into compartments reserved for female (162)	1879	1878	6111	6111
Bringing dangerous/ offensive goods (164)	08	09	09	15
Smoking (167)	15	14	62	61
Obstructing running of trains (174)	1043	809	959	744
Other sections (142,146,155,156, 159,163,166,172,175)	9052	9056	13321	13318
Total	**51,965**	**48,675**	**69931**	**66497**

9.2.3 Action against agents/ Touts involved in illegal business of selling/ Procuring reserved railway tickets

Year	No. of cases registered	No. of persons arrested	Total no. of tickets seized	Total value of tickets seized (in Rs.)
2023-24	836	927	14519	12,32,95,129
2024-25	802	843	14241	2,72,55,570





9.2.4 Offences against passengers (registered by the GRP under the IPC/BNS)

(a) IPC/BNS cases by GRP:

Offences	2023-24		2024-25	
	No. of cases registered	No. of cases detected	No. of cases registered	No. of cases detected
Theft of passengers' Belongings (TOPB)	1785	467	1672	437
Drugging	11	11	10	4
Robbery	42	30	29	17
Dacoity	00	00	1	1
Crime against Women passengers	37	16	38	18

(b) Cases of the IPC/BNS detected by RPF and criminals handed over to the GRP for legal action

Year	No. of cases detected by the RPF	No. of persons arrested by the RPF
2023-24	382	493
2024-25	347	427

9.2.5 Action by RPF under the NDPS Act:

Year	No. of cases detected by RPF	No. of persons arrested by RPF	Value of seized contraband items (In Rs.)
2023-24	55	64	64,09,728
2024-25	68	62	7,83,60,763

9.2.6 Seizure of smuggled wild life/ endangered species by RPF

Year	No. of cases detected by RPF	Arrests made by RPF
2023-24	2	0
2024-25	10	2

9.2.7 Important initiatives.

(a) **Rail Suraksha:** Drives with an objective of protection and prevention/ detection of crime against railway property including booked consignment, efforts to reduce any leakage of railway revenue.

(b) **Yatri Suraksha:** Drives with an objective of Prevention and Detection of passenger crime, emergency response under 139/ Rail Madad.

(c) **Mahila Suraksha:** Targeted for security of women passengers including “Meri Saheli”, “ Matangini”and other squads. Special ladies escort in ladies coaches, drive against unauthorized travel in ladies coaches among others.

(d) **SEWA:** Drives with an objective of assistance to passengers/ elderly/ women/ Divyangjan/ sick/ injured/ infants etc.

(e) **Satark:** Drives with an objective of action against illicit liquor/ FICN/ illegal tobacco products/ unaccounted gold/ cash/ precious items/ any other items for the purpose of tax evasion/smuggling. Recovery of arms / ammunitions/ explosives etc.

(f) **Matri Shakti:** Drives with an objective of assistance to pregnant women passengers in child birth.

(g) **Uplabdh:** Drives with an objective of action against touts and unauthorized entry in reserved coaches etc.

(h) **AAHT:** Action against human trafficking (AAHT), rescue of the victim from the clutches of traffickers, apprehension of traffickers.

(i) **e-office:** All office files are being dealt electronically through this.

(j) **E-Suvidha:** Provides information to RPF Employees for their BIO-Data, Promotion, Posting Details, Transfer Order, Award, APAR, Leave, Family Details, Punishment, download Service Book in PDF etc.

(k) **R.B.M.S:** RPF Barrack Management System. This has been developed for monitoring the progress of construction & provisioning of amenities along with redressal of grievances related to upkeep, repair & maintenance of the barracks meant for RPF/RPSF personnel.

(l) **RSMS:** RPF Security Management System was developed -

- to help railways to develop paperless office,
- to track cases registered and enquired by RPF online 24x7,
- to allow seamless exchange of data between different modules,
- to ensure automatic generation of reports,
- to ensure quick and accurate data analysis etc.

It has become fully functional with proper utilisation of all modules from Post –level to Zonal Headquarter.

(m) **Security Helpline No. 139:** This is an all India Security Helpline number which is available 24*7 for assistance to passengers in case they have any security related problem during journey. Complaints received on this number are as under:

Year	No. of complaints received through 139	No. of complaints redressed
2023-24	48761	48761
2024-25	115962	115945

(n) **Twitter/X Complaints:** Complaints received on RPF Northern Railway twitter handle @ rpfnr:

Year	No. of complaints received	No. of complaints redressed
2023-24	3136	3136
2024-25	4216	4216

(o) **Children in need of care and protection:**

- Railway Board issued Revised Standard Operating Procedure (SOP), 2021 in accordance with the directions of the Hon'ble High Court of Delhi in the Writ Petition (Civil) No. 5365/2012 Ms. Khusboo Jain Vs. Union Of India; Juvenile justice (Care & Protection of Children) Act, 2015 further amended in 2021; Juvenile Justice (Care and Protection of Children) model rules, 2016 and other existing guidelines/directions.
- Child Help Desk (CHDs) and Child Help Groups (CHGs) have been set up at important stations of NR. Representatives of nominated NGOs are also available at CHDs.

- 20 stations of NR have identified and approved for extension of SOP and setting up of CHDs.
- Child Help Desks(CHDs)are setup presently at 13 station i.e New Delhi, Meerut, Moradabad, Dehradun, Haridwar, Bareilly, Rampura, Lucknow, Varanasi, Shri Mata Vaishno Devi Katra, Jammu Tawi, Amritsar & Ludhiana.
- CHDs were removed by NGOs at 06 Stations i.e Anand Vihar, Delhi-M, Hazarat Nizamuddin, Firozpur,Ambala & Patiala.
- CHD at Chandigarh station is temporarily closed due to renovation of the station.

Children rescued by the RPF:

Year	Female children rescued				Male children rescued				Grand Total
	United with parent	Handed over to NGOs	Handed over to police*	Total	United with parents	Handed over to NGOs	Handed over to police*	Total	
2023-24	07	361	28	396	07	486	30	523	919
2024-25	2	878	73	953	4	438	38	480	1433

*Cases of child trafficking

9.3 Dog Squad in NR:

RPF has a very strong and effective dog squad set up over NR.

S. Strength	Strength Available	Sniffer	Tracker
33	29	23	6

9.4 Disposal of complaints, grievances of passengers (CPGRAM):

Year	No. of complaints received	No. of complaints redressed
2023-24	222	222
2024-25	276	276

9.5 Awards to RPF Personnel:

In recognition of their sincerity, devotion to duty and exemplary courage, RPF personnel of NR received 04 Indian Police Medal by the President of India and 37 DG's Insignia by the Director General/RPF in the year 2024.

9.6 Some exceptional cases worked out by RPF:

On 18.09.2024, RPF of Varanasi apprehended two outsiders at Varanasi railway station and recovered 5 kg Opium, valued Rs. 75 Lakh from their possession. In this connection, GRP/BSB registered a case vide FIR No. 231/24 u/s 8/18 NDPS against the arrested criminals.





On 05.09.2024, RPF/NDLS seized 24 parcels containing 498-gram gold bar, valued approx. Rs. 36 lakh and 365.704 kg silver, valued approx. Rs. 2.8 crore and Rs. 85lakh in cash. The cash and gold have been confiscated by Income Tax Department. In this connection, RPF/Post/NDLS registered a case vide CC no 4695/24 u/s 163 of the Railways Act against unknown on dt 06.09.2024.

On 11.09.2024, RPF/Ambala Cantt appre-hended 04 persons with possession of 8.884 Kg gold ornaments & 5.418 Kg gold plated ornaments valued Rs. 4.5 Cr. from train no. 13006 at Ambala Cantt Railway station. In this connection, RPF Post/Ambala Cantt registered 04 cases vide cc no. 1223 to 1226/24 u/s 146 Railway Act against arrested persons.





On 21.01.2025, RPF/Moradabad apprehe-nded one lady with 163 turtles, from T/No-14015 at Moradabad Railway Station.In this connection GRP/Moradabad registered a case vide FIR No.09/25 u/s 9/39/49/51 Wildlife Reserve Act against the arrested person.

On 26.03.25, RPF/NR recovered 86 cartoons of imported cigarettes, valued approx. Rs. 02 crores during illegal transportation at New Delhi Railway Station.In this connection, RPF/NDLS registered a case vide CC No.1541/25 u/s 163 of Railway Act against unknown.



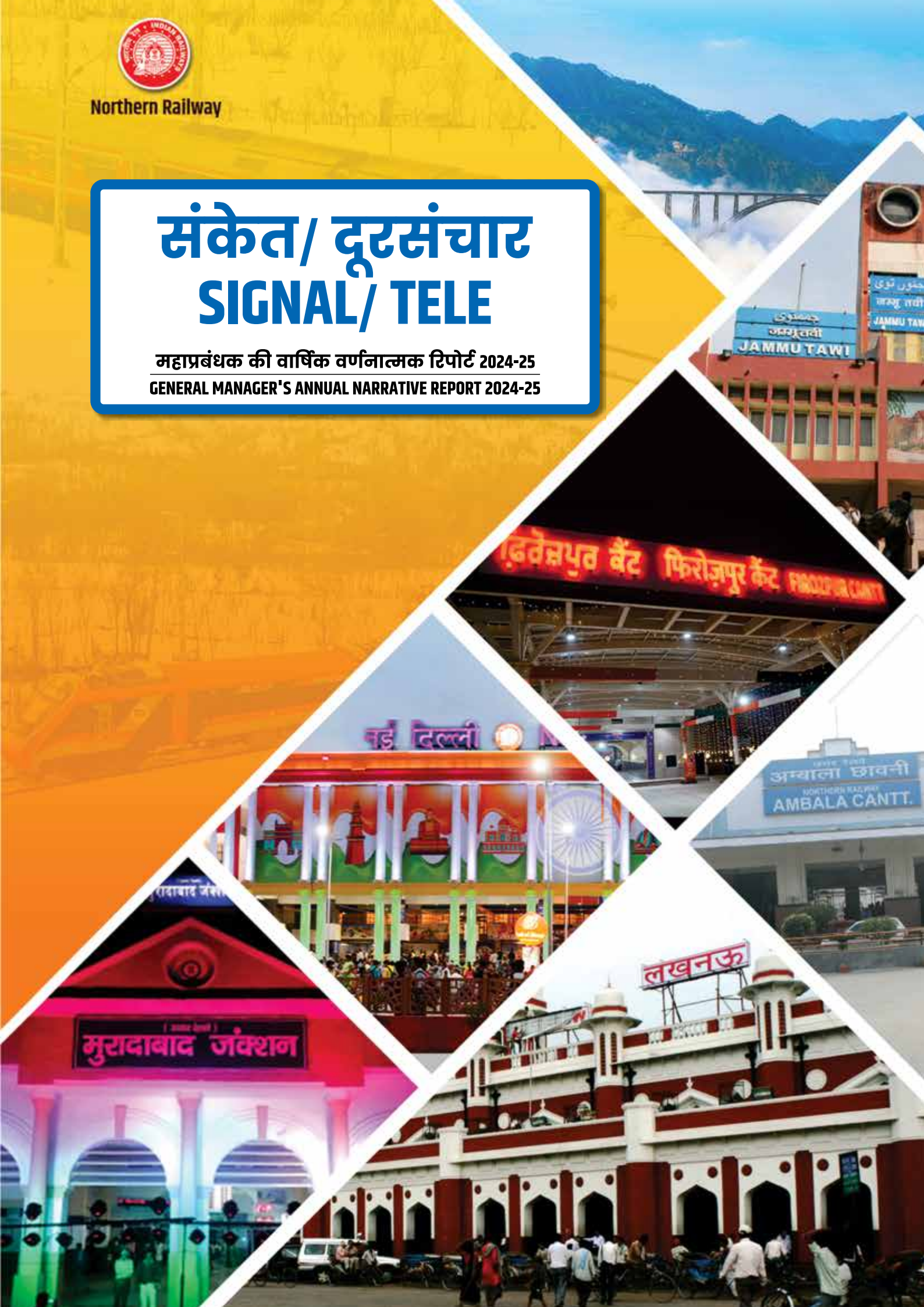


On 26.03.2025, RPF/ Varanasire covered a bag from train no. 19046 (Tapti Ganga express) having 20 bundles (500 gm each) of brownish black sticky substance like Hashish, weighing 10 kg, valued approx. Rs.5 crore. The bag was handed over to GRP/Varanasifor further legal action.

Northern Railway

संकेत/ दूरसंचार
SIGNAL/ TELE

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Chapter X

10.1 About the Department

- Over Indian Railways, Signaling and Telecommunication systems are increasingly playing vital roles in enhancing safety in train operations by providing technical solution to avoid human error as well as facilitating increase in rail traffic by providing better communication for faster and smooth train operations and monitoring.
- Northern Railway also has been progressively modernizing its signaling infrastructure by way of introducing various modern signaling systems like Electronic and Relay based Interlocking system, Modern track vacancy detection devices viz, Track Circuits, Axle Counter, Automatic Signalling, Modern Block equipment like BPAC and UFSBI etc. The old mechanical signaling systems at remaining stations of the Railway are also being phased out and being replaced with modern signaling systems in a planned manner.
- Various Telecommunication systems are also being upgraded with the introduction of emerging telecom technologies like LTE, IP-MPLS, Optical Fiber Communication (OFC), Six Quad cables in place of other outdated systems deployed for Train control and administrative control communication between various points important for train operation as well as decision making.
- Action plan has been chalked out to create Signaling & Telecom infrastructure on Northern Railways for meeting the projected traffic growth requirements by way of having Electrical/ Electronic Interlocking at all stations in replacement of obsolete multi cabin/mechanical Signaling. Besides, provision of LED based color light signals for better visibility, lesser maintenance and high durability, Block proving by axle counters (BPAC)/Continuous track circuiting for automatic proving of clearance of block sections for improved safety as well as throughput has been done at several stations and its proliferation is being increased continuously. Some other important improvement actions are also being taken toward improving safety and reliability like complete track circuiting of station sections on all routes, On-line monitoring, predictive maintenance and asset management system with provision of Data loggers at every signaling installation etc. Use of IOT in failure diagnostics and preventive maintenance has also been planned recently.
- For improving train safety, automatic train protection is being provided on select sections.. Indigenously developed train protection system “KAVACH” has also been planned and works sanctioned on Northern Railway’s portion of New Delhi-Mumbai, New Delhi-Howrah and several other sections. Work is currently under progress in NDLS-PWL, TKJ-CPYZ and LKO-CNB sections.
- In Telecom sector, introduction of LTE, extension of optical fiber cable (OFC) and six quad cables over the entire route, IP based train control communication, voice network modernization, Wi-Fi, Digital Clock, Coach Display Board, Train Display Board and replacement of overhead alignment with underground cables to improve reliability of the communication system and enhance the capability of the rail transport system. Broad band internet and multimedia facilities, high quality train information displays, information boards at stations & running trains and CCTV cameras at Reservation centers, Railway Stations,

Central & Divisional Hospital and Health Units are some of the important infrastructure provided to improve the quality of passenger service.

10.2 BRIEF SIGNALLING AND TELECOM PROFILE ON NR

SIGNALLING & INTERLOCKING SYSTEM:

Interlocking is an arrangement of signals, points and other appliances, operated from a panel or lever frame so interconnected by Mechanical/Electrical/Electronic locking or a combination of these so that their operation takes place in proper sequence to ensure safety. Details of Interlocked stations over NR are shown below:

	Gauge	2020-21	2021-22	2022-23	2023-24	2024-25
No. of Interlocked stations (STD-I® & above)(including Block Huts)	B.G.	709	710	712	716	722
	N.G.	2	2	2	2	2
No. of stations with MNI	B.G.	-	-	-		
	N.G.	30	30	31	31	31
Total No of Interlocked stations		**741**	**742**	**745**	**749**	**755**

TYPE OF SIGNALLING:

Type of Signalling on Northern Railway has undergone drastic change with extensive proliferation of Multi Aspect Color Light Signal stations increasing from 703 in March 2021 to 722 in march'2025 while Mechanical Semaphore signaling reducing from 6 in March 2021 to NIL March 2025 excluding 33 N.G. Details of type of Signalling are given below:-

	Gauge	2020-21	2021-22	2022-23	2023-24	2024-25
No. of stations with MACLS(including Block Huts)	B.G.	703	709	712	716	722
No of stations with 2 Aspect Color light Signalling	B.G.	0	0	0	0	0
No. of stations with Semaphore Signalling	B.G.	6	1	0	0	0
	N.G.	32	32	33	33	33
Total No. of Stations	**741**	**742**	**745**	**749**	**755**	

PANEL/ROUTE RELAY INTERLOCKING (PI/RRI/EI):

All the Stations on route 'A', 'B', 'C', & 'D' on NR are being replaced progressively with Electrical/Electronic Interlocking to enhance Safety, provide faster and flexible train operations by reducing dependence on human interference due to centralized operation of points and signals. In addition, complete Track circuiting is also provided in station section. Stations with mechanical signaling on 'D' route are also being provided with Electronic Interlocking.

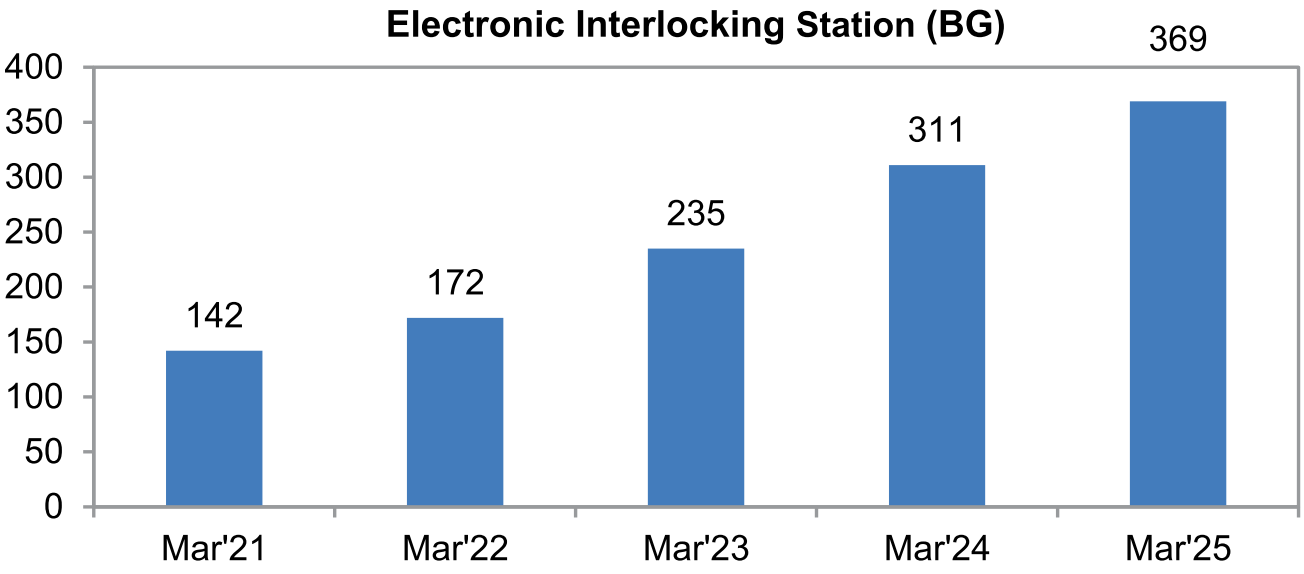
Details of Mechanical Signaling system and PI/RRI/EI on NR from 2020-21 to 2024-25 as shown in table below:-

	Gauge	2020-21	2021-22	2022-23	2023-24	2024-25
No. of Stations with RRI/PI/EI (including Block Huts)	B.G.	579	597	632	681	716
No. of Stations with Mechanical/ Electro-Mech. Interlocking systems	B.G.	130	113	80	35	6
	N.G.	32	32	33	33	33
Total No of Stations	**741**	**742**	**745**	**749**	**755**	

No. of remaining stations provided with Lever Frame & Semaphore Signaling are already sanctioned for replacement with PI/EI/RRI on Northern Railway.

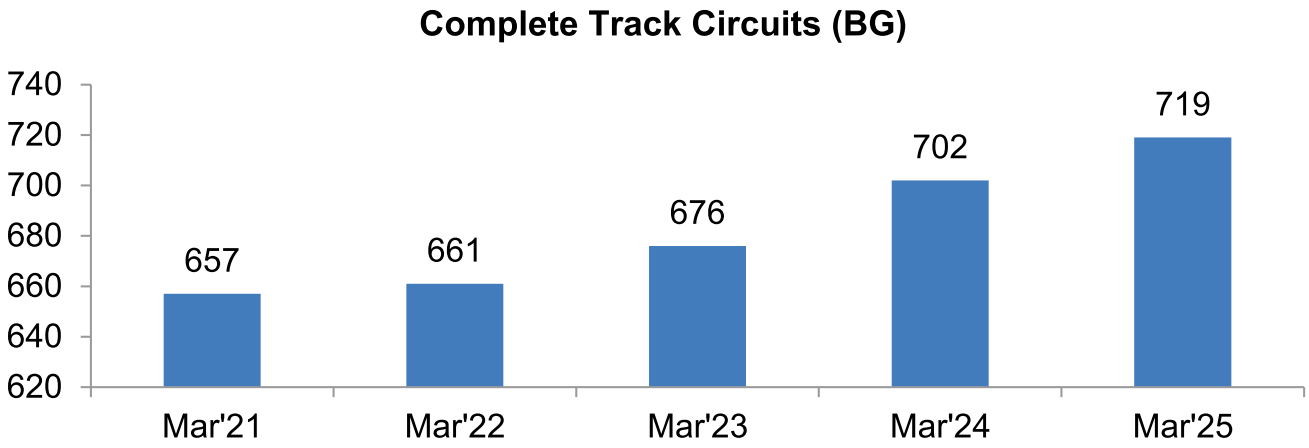
ELECTRONIC INTERLOCKING (EI):

Electronic Interlocking have been provided at 369 stations (B.G.) on NR for highest level of safety and reliability. The extent of proliferation of Electronic Interlocking over NR over last 5 years is indicated below:



TRACK CIRCUITING:

Complete Track Circuiting has been provided on all the stations on ‘A’ ,‘C’ and ’D’ routes on Northern Railway. Track circuiting on balance stations of other routes is also being provided progressively. Complete track circuiting has been extended from 657 stations (B.G.) to 719 stations (B.G.) in last five years.



IPS (INTEGRATED POWER SUPPLY):

Integrated Power Supply system (IPS) provides all the power requirements for the Signaling & Telecom functions of a Railway yard from a single unit, with a single set of battery backup. Power from the mains, is converted, regulated and fed through a distribution board. The IPS helps to maintain reliable and continuous power, at the lowest cost, considering capital and maintenance costs.

Details of IPS provided on NR during last 5 years are shown in Table below:-

	Gauge	2020-21	2021-22	2022-23	2023-24	2024-25
No. of Stations with IPS	B.G.	625	649	677	689	709

No. of stations provided with IPS has increased from 625 in 2020-21 to 709 in 2024-25 in the last five years.

DATA LOGGER:

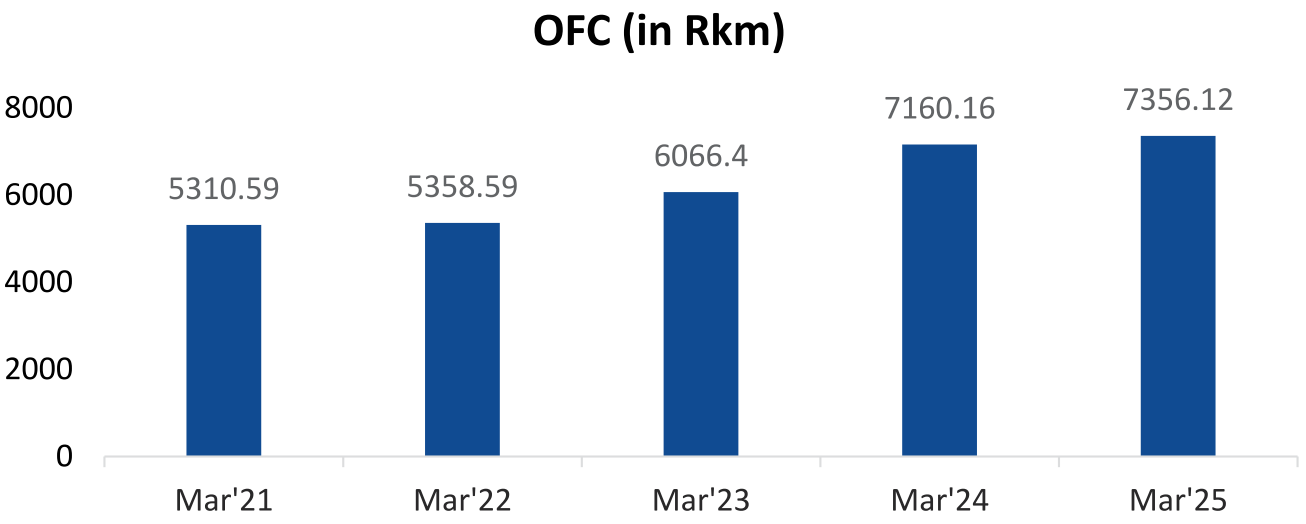
Data Loggers have been installed to monitor and record all activities and events in the Signaling System of a Railway station/yard in the chronological order. This data forms the basis for predictive and proactive maintenance. Details of Data loggers provided on NR during last 5 years are shown in Table below:-

	Gauge	2020-21	2021-22	2022-23	2023-24	2024-25
No. of Data Loggers provided at Stations	B.G.	590	608	643	685	718

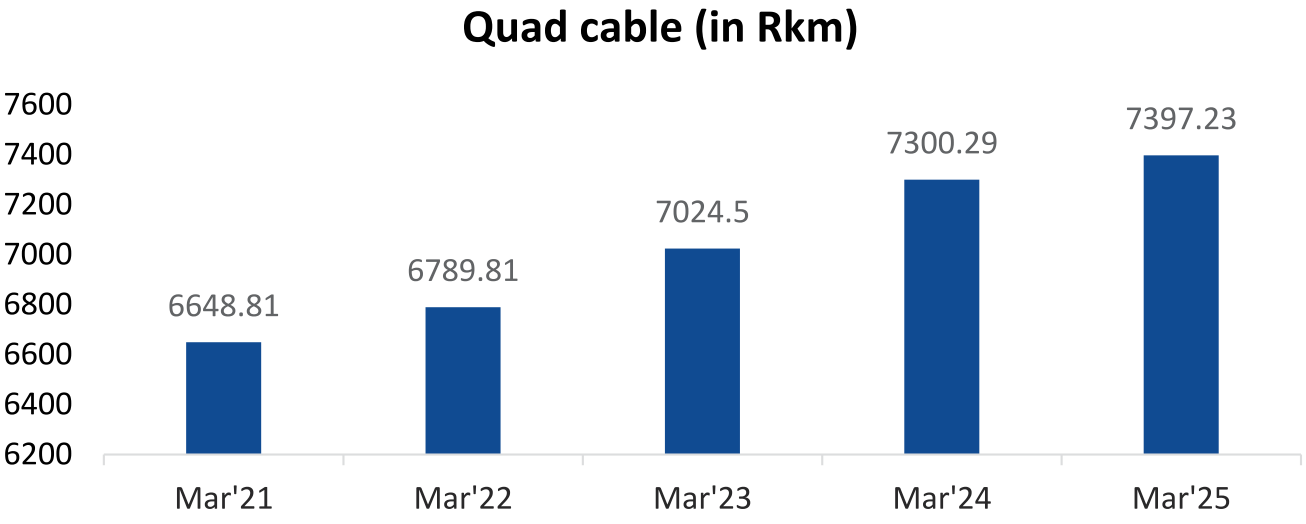
The Data Loggers have also been networked so that information is available at central locations. At present, all the data loggers are working in network mode.

OPTICAL FIBER CABLE & QUAD CABLE SYSTEM:

Optical fibers are extensively used in modern communication links as they offer very large bandwidths. At the same time, it is not prone to theft like copper cables. During the last five years, OFC links have increased manifold on Northern Railway from 5310.59 Kms in March 2021 to 7356.12 Kms in March 2025.



Quad cable network has increased from 6648.81 Kms in Mar'21 to 7397.23 Kms in Mar'25.



10.3 CCTV CAMERAS AT STATIONS:

To keep a vigil on reservation booking & discourage touts, CCTV cameras were installed in reservation centers at Chandigarh, Kalka, Patiala, Bathinda, Saharanpur, Ambala stations of

Ambala division, New Delhi, Delhi Main, Anand Vihar, Delhi Shahdara, Lajpat Nagar, Hazrat Nizamuddin, Sarojni Nagar, Kirti Nagar, Adarsh Nagar Delhi, Okhla, Madipur, Karkardooma and Noida on Delhi division, Haridwar, Moradabad of Moradabad division, Lucknow, Varanasi of Lucknow Division, Ludhiana, Jalandhar City, Amritsar of Firozpur division and Jammu Tawi, Udhampur, Sri Mata Vaishno Devi Katra of Jammu Division.

CCTV cameras have been installed under Integrated Security System at New Delhi, Delhi, Hazrat Nizamuddin, Delhi Shahdara, Ghaziabad, Anand Vihar Terminal, Tilak Bridge, Shivaji Bridge, Delhi Sarai Rohilla, Delhi Cantt of Delhi Division, Moradabad, Bareilly, Haridwar of Moradabad Division, Kalka, Patiala, Bathinda of Ambala Division, Lucknow, Ayodhya Cantt, Ayodhya, Varanasi of Lucknow Division, Amritsar, Jalandhar City, Ludhiana, Pathankot Cantt of Firozpur Division, Srinagar and Badgam, Anantnag, Udhampur (Martyr Captain Tushar Mahajan), Bijbehara, Panjgam, Awantipura, Kakapora, Pampora, Mazhom of Jammu division.

In addition to above, CCTVs have been installed under Nirbhaya Funds at Faridabad, Jind, Karnal, Faridabad Town, Ballabhgarh, Meerut City, Panipat, Gurugram, Nangloi, Adarsh Nagar, Meerut Cantt, Shakurbasti, Subzimandi, Sonipat, Rohtak of Delhi Division, Dehradun, Chandausi, Hapur, Hardoi, Roorkee, Shahjahanpur, Amroha, Rampur, Nazibabad, of Moradabad Division, Phulpur, Bhadohi, Janghai, Jaunpur, Pratapgarh, Prayag Ghat, Unnao, Rae Bareli, Barabanki, Sultanpur, Amethi, Shahganj of Lucknow Division, Jagadhri, Rajpura, Sirhind, Shimla, Saharanpur, Ambala Cantt of Ambala Division, Beas, Firozpur Cantt, Phagwara, Jalandhar Cantt , Phillaur of Firozpur Division and Pathankot, JammuTawi, Sri Mata Vaishno Devi Katra, Baramulla, Hamre, Pattan, Sadura, Qazigund, Banihal of Jammu Division.

CCTV cameras have been installed under other works at Khari, Sumber, Sangaldan, Reasi, Bakkal, Dugga and Sawalkot of Jammu division.

CCTV cameras have been installed in connection to Maha Kumbh Mela, 2025 at Prayag Raj. Prayag, Phaphamau and Prayag Ghat Sangam.

P.K. Road Railway Colony, SP Road Railway Colony Washing Line New Delhi, RPF post Gurugram, Delhi Safdarjung, IRCA Building New Delhi, Gati Shakti unit at DRM office New Delhi, Creche of Baroda House, Creche of DRM office New Delhi of Delhi Division and Loco Lobby Ludhiana of Firozpur Division under DRM power. CCTV Cameras were installed in Ayodhya, Ayodhya Cantt., Salarpur and Darshan Nagar stations after redevelopment work.

S&T Budget:

Budget Allotment for Signalling and Telecom works has increased progressively in the last five years. The total expenditure in the last five years for S&T plan head has been Rs 1903.10 Cr. Thus, the average budget expenditure per annum for S&T Plan Head has been Rs 380.62 Cr. Expenditure in 2024-25 was Rs.516.43 Cr.

PROVISION OF CCTV CAMERAS AT TUNNELS IN KASHMIR VALLEY:

3222 Nos of CCTV cameras have been installed in 26 nos of Tunnels in Qazigund- Banihal-Reasi section from T-31 to T-80.

PROVISION OF CCTV CAMERAS AT HOSPITAL/HEALTH UNIT:

Northern Railway Central and Divisional Hospital & Health Unit were installed with 79 No. of CCTV Cameras at 24 locations in Delhi Division, 75 No. of CCTV Cameras at 07 locations in Firozpur Division, 25 No. of CCTV Cameras at 05 locations in Jammu Division, 62 Nos. CCTV Cameras at Divisional Hospital in Lucknow Division, 63 No. of CCTV Cameras at 11 locations in Moradabad Division & 65 No. of CCTV Cameras at 07 locations in Ambala Division.



(CCTV at Jammu Tawi station)



(CCTV at Lucknow station)



(CCTV at IRCA Building, New Delhi Station)

PROVISION OF CCTV CAMERAS AT LC GATES:

CCTV cameras provided at 19 Nos. LC Gates (247, 321, 343, 359, 359B, 19A, 415, 471, 477, 448, 51, 82, 94 & 96 of Moradabad Division and 13C, 40A, 118A, 23C & 125 Spl of Lucknow Division) to enhance safety and security.



LC - 96 of Moradabad Division

BAGGAGE SCANNER:

To enhance Passenger Security, X-ray Baggage Machines have been installed at Ludhiana, Jalandhar City, Amritsar of Firozpur Division and Pathankot Cantt, Jammu Tawi, Udhampur (Martyr Captain Tushar Mahajan), Sri Nagar, Badgam, Anantnag, Bijbehara, Panjgam, Awantipura, Kakapora, Pampora, Rajeshwar of Jammu Division. Moradabad, Bareilly, Haridwar station of Moradabad Division, Lucknow, Varanasi, Ayodhya Cantt, Ayodhya of Lucknow Division, Kalka, Patiala, Bathinda Jn., Chandigarh, Saharanpur, and Ambala Cantt. of Ambala Division. Now X-ray Baggage machines are maintained by the RPF.

WI-FI AT STATIONS OVER NR:

Wi-Fi is Local area network on wireless technology. It is an under lying Technology of Wireless Local Area Network. Wi-Fi allows Computers & other devices of passengers to communicate over a Wireless Network. Wi-Fi has been installed at 614 stations (FZR-58, JAT-62, UMB-103, DLI-147, MB-122 & LKO-123) over Northern Railway. Wi-Fi are provided by the TATA trust and Railway.

SYSTEM TO ACCESS ACCIDENT SITES:

To provide Broadband Railnet/ Internet to access all derailment / Accident sites, Ambala division has innovated and developed a standard kit. Broadband internet access can be provided at all the stations through OFC network with the application of standard kit. The kit uses E-1 interface of Railway OFC and comprises E-1 to Ethernet converter, LAN extender and E-1 modem. For Accident / Derailment in Block Section having quad cable, Broadband is extended on Disaster Management pair. This facility can also be used for videos of Derailment / Accident site without use of bulky Satellite based VSAT system and affords greater Bandwidth and speed. Telecom Equipments of ART has been upgraded as per RDSO Letter No: STT/WL/ARRO (Pt.) 244/Vol-II Dt. 18.06.2020 with additional following items by Delhi Division as under-



(a) Rugged Laptop



(c) Hot Spot 4G Wi-Fi Router Dongle (Data SIM Card)



(b)Tripod Stand for Full HD Bullet type IP Color Camera



(d) All in One color Laserjet Printer



(e) Fixed Cellular Telephone (4G SIM based)

TRUE COLOR LED INDICATION BOARDS:

In order to enhance quality of passenger amenities at 'A' and 'B' class stations, display boards having capabilities of displaying information in true color and Multi languages have been introduced. Its key features include Multi Color Multi Lingual display apart from video-cum-train arrival departure information display. Besides, the display of such boards is easy to read and soothing to the eyes. Its benefits include low operational cost, source of additional revenue generation through advertisements. It also helps in minimizing load at enquiry counters.

On Northern Railway, **True Color Train Indication LED Boards** have been provided at major 93 stations namely viz: -

Delhi Division- 18 stations (New Delhi, Delhi Main, Delhi Cantt., Kurukshetra, Hazrat Nizamuddin, Anand Vihar Terminal, Delhi Sarai Rohilla, Delhi Kishanganj, Karnal, Rohtak, Bahadurgarh, Faridabad, Ghaziabad, Gurgaon, Panipat, Muzaffarnagar, Meerut City and Meerut Cantt)

Lucknow Division- 19 stations (Akbarpur, Ayodhya Dham, Barabanki, Ayodhya Cantt, Janghai, Jaunpur, Jaunpur City, Lucknow, Prayag, Raebareli, Sultanpur, Unnao, Varanasi, Shahganj, Salarpur, Darshan Nagar, Nihalgarh, Prayag Ghat Sangam and Phaphamau)

Ambala Division- 19 stations (Abohar, Ambala Cantt, Ambala City, Barnala, Bathinda, Chandigarh, Dhuri, Yamunanagar-Jagadhari, Kalka, Khanna, Nangal Dam, Patiala, Rajpura, Roop Nagar, Saharanpur, Shimla, Sirhind, Una Himachal and Amb Andaura)

Moradabad Division-13 stations (Dehradun, Hapur, Haridwar, Jawalapur, Laksar, Moradabad, Raiwala, Rishikesh, Roorkee, Bareilly, Shahjahanpur, Hardoi and Yognagri Rishikesh)

Firozpur Division- 07 stations (Amritsar, Beas, Firozpur Cantt, Jalandhar Cantt., Jalandhar City, Ludhiana and Phagwara)

Jammu Division- 17 stations (Jammu Tawi, Pathankot, Pathankot Cantt, Sri Mata Vaishno Devi Katra, Udhampur (Martyr Captain Tushar Mahajan), Anantnag, Banihal, Baramulla, Badgam, Qaziqund, Gurdaspur, Kathua, Srinagar, Sangaldan, Khari, Sumber and Reasi)





True Colour Train Display Boards at New Delhi Railway Station



On Northern Railway, **Coach Guidance Boards** have been provided at major 80 stations namely viz:

Delhi division- 19 stations (New Delhi, Delhi Main, Delhi Cantt, Hazrat Nizamuddin, Anand Vihar Terminal, Delhi Sarai Rohilla, Delhi Kishanganj, Delhi Shadara, Kurukshetra, Ghaziabad, Karnal, Rohtak, Bahadurgarh, Faridabad, Gurgaon, Panipat, Sonipat, Bahadurgarh and Meerut City)



Coach Guidance System at Hazrat Nizamuddin Railway Station

Lucknow Division- 20 stations

(Lucknow, Ayodhya Dham, Barabanki, Bhadohi, Ayodhya Cantt, Janghai, Jaunpur, Jaunpur City, Prayag, Raebareli, Unnao, Varanasi, Shahganj, Akbarpur, Prayag Ghat Sangam, Salarpur, Darshan Nagar, Nihalgarh, Phaphamau and Sultanpur)

Ambala Division- 13 stations (Ambala Cantt, Ambala City, Bathinda, Chandigarh, Yamunanagar-Jagadhri, Kalka, Patiala, Rajpura, Saharanpur, Sirhind, Abohar, Roop Nagar and Amb Andaura)

Moradabad Division- 11 stations (Moradabad, Bareilly, Dehradun, Hapur, Haridwar, Jawalapur, Laksar, Raiwala, Rishikesh, Roorkee and Yognagri Rishikesh)

Firozpur Division- 08 stations (Amritsar, Beas, Faridkot, Gurdaspur, Jalandhar Cantt., Jalandhar City, Ludhiana and Phagwara) Jammu Division-09 stations (Jammu Tawi, Pathankot Cantt, Pathankot, Udhampur (Martyr Captain Tushar Mahajan), Sri Mata Vaishno Devi Katra, Reasi, Sangaldan, Sumber and Khari)





VIDEO CONFERENCING:

In order to create interactive meeting environment, Northern Railway has adopted latest technology by providing Video Conferencing equipment's at Zonal/Divisional offices and also provided CISCO Web link platform for Video Conferencing between GM and Railway Board apart from GM, CAO and DRMs of all Six divisions.



All Video conferences are operated properly on Railnet internet from Residences/Office. Till date Northern Railway has conducted more than 150 Video conferences per month on an average.

BIOMETRIC SCANNER ACCESS CONTROL SYSTEM AT CONTROL OFFICE:

In order to restrict entry of unauthorized persons in control office, Northern Railway has commissioned Biometric Scanner Access Control System at Control office DRM's office, New Delhi

E-OFFICE IMPLEMENTATION:

E-Office implementation has been done in S&T HQ office, Baroda House, New Delhi,

STTC/Ghaziabad, S&T workshop/ Ghaziabad, Divisional office Firozpur, Jammu, Ambala, Delhi, Moradabad and Lucknow.



PROVISION OF DIGITAL MUSEUM:

Digital Museum installed at National Rail Museum Chanakyapuri, New Delhi, Delhi main, Kalka and Shimla Railway stations for display of History of Railway progress, Heritage sites of Indian Railways, Ek Bharat Shresth Bharat, Swadeshi Movement, Yoga, Plastic ban, Safety measures for COVID-19 and other VVIP contents.

COMMUNICATION SETUP IN SPECIAL TRAIN:



Communication setup complete with two Satellite docking system, FCT-21 Nos., Dongle-10 Nos., Walkie Talkie sets -15 Nos., Cordless Phone-5 Nos, Call Bell-5 Nos has been provided in President Special Train for visit of Hon'ble President of India from DSJ to Allahabad and Lucknow to Ayodhya and back from Ayodhya on 25.06.2021 & 29-08-2021 respectively by Delhi Division.

In addition to this FCT phones provided at 19 stations from Lucknow to Ayodhya to strengthen the communication.

Audio/Video arrangement provided at Ayodhya Station.



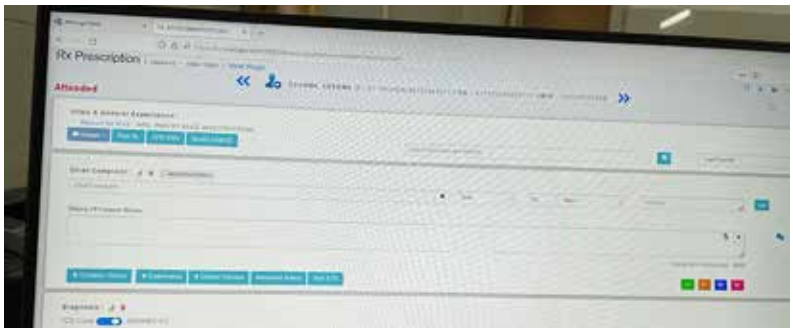


HOSPITAL MANAGEMENT INFORMATION SYSTEM (HMIS):

The HMIS is an integrated clinical information system with the basic objective of improved hospital administration and patient healthcare. This aims to ensure an improved experience for hospital administration and patients.

HMIS is another important step in the country's journey towards digital transformation which will have a positive impact on the lives of Railway men, pensioners and their families.

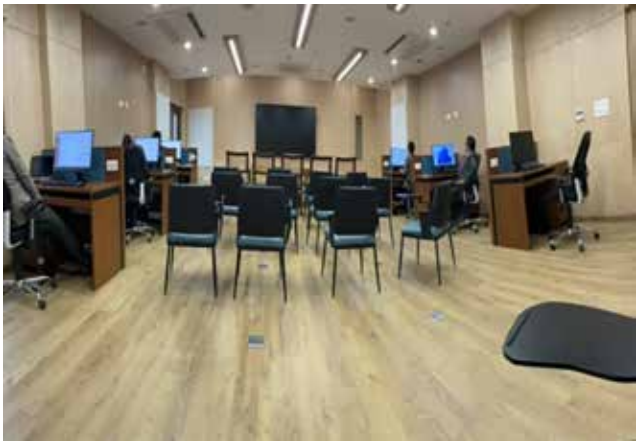
HMIS has been implemented at Northern Railway Central Hospital New Delhi, Divisional Hospital of all divisions and 23 health units of Delhi Division, 12 health units of Moradabad Division, 07 health units of Firozpur Division, 05 health units of Jammu Division, 12 health units of Lucknow Division and 07 health units of Ambala Division,



Northern Railway Central Hospital New Delhi

Telecom equipment's installed at WAR room, Railway Board:

All Audio and video equipment's, Railnet connectivity with protection path, Railway/ MTNL phones, CISCO V.C. system and 85 inches Video wall, uninterrupted power supply arrangement of Telecom equipment's have been provided in WAR room of Railway Board by Northern Railway.





Telecom equipment's installed at MOSR-J room, Railway Board:

98" TV along with Railnet connectivity, PA system (including: Conference controller, delegate unit, speaker, wireless controller, chairman unit etc.), 2 KVA and 5 KVA UPS have been

installed at MOSR-J office in Railway Board. Also, integration of CISCO Codec (VC) with PAE system has been done by Northern Railway.





Upgradation of NGN Network:

11 Nos. of NGN PRI links have been shifted to upgraded network of Railtel i.e., 06 Nos (DRM-02 Nos, Baroda House-02 Nos and Rly Board-02 Nos) of Delhi Division, 03 nos. of Lucknow Division, 01 no. of Moradabad Division and 01 no. of Ambala division.

Commissioning of SIP based Telephone Exchange:

14 Nos. of IP based telephone Exchange have been commissioned at DRM office New Delhi, Railway Board, Baroda House, Kashmere Gate of Delhi Division and Chandausi, Hardoi, Moradabad, Laksar, Haridwar, Najibabad of Moradabad Division and Charbagh, Ayodhya, Ayodhya Cantt., Prayag of Lucknow Division.









Provision of Fibre based GPON Technology:

Fibre based GPON Technology (Fibre to The Home [FTTH]) has been provided in Homes/ Bungalows at S.P Marg Railway officer's colony for high-speed internet.



Implementation of IPv6:

IPv6 has been implemented at Rail Bhawan, Baroda House and 06 divisions.

Surrendering of V-SAT (Very-Small Aperture Terminal) locations:

A very-small-aperture terminal is a two-way satellite ground station with a dish antenna that is smaller than 3.8 meters. The majority of VSAT antennas range from 75 cm to 1.2 m. Bit rates, in most cases, range from 4 Kbit/s up to 16 Mbit/s.

69 Nos. of V-SAT have been surrendered viz:

a) **Lucknow Division**- 21 nos (Gopalganj, Bhadri, Khagalpur/ Atrampur, Ram Chaura Road, Barabanki, Kheta Sarai Jaunpur, Mihrawan, Shahganj, IFFCO Phulpur, Gauriganj, Sonic, Mohanlal Ganj, Amausi, Vyas Nagar, Vyas Nagar 2, Tanda, Unchahar, Ayodhya, Dalmau, Salarpur and NTPC Unchahar).

b) **Moradabad Division** - 09 nos (Kafurpur, Garhmuktesar, Bhanthara, Aonla, Bulandshahr, Harthala, Bijnor, Gumthal, Babrala).

c) **Delhi Division** – 10 nos (Gohana, Jind, Gurgaon, Noli, Machrauli, Palhawas, Safidon, Ghevra, Shamli and Bareta).

d) **Ambala Division -** 15 nos (Dhuri, Bhatinda Cantt, Nabha, Quila Raipur, Ahmadgarh, Rampuraphul, Doraha, Barnala/Shekha, Bhuchchu, Chawapail, Lehra Mohabbat, Tapa, Khamano, Lal Kalan and Samrala)

e) **Firozpur Division** - 11 nos (Banga, Khasa, Nawanshahr, Jalalabad, Sultanpur Lodhi, Taran Taran, Patti, Nurmahal, Suranussi, Kartarpur and Kapurthala).

f) **Jammu Division**- 03 nos (Kangra, Sulah and Kathua).

Dismantling of redundant 7 GHz Antennas:

164 Nos. of Antennas removed from 62 locations over Northern Railway viz:

a) Delhi Division- 52 Nos. of Antennas removed from 23 locations.

b) Ambala Division-25 Nos. of Antennas removed from 08 locations.

c) Firozpur Division- 50 Nos. of Antennas removed from 17 locations.

d) Moradabad Division- 29 Nos. of Antennas removed from 09 locations.

e) Lucknow Division-08 Nos. of Antennas removed from 05 locations

Commissioning of Selective Calling along with Voice Logger at Non-Interlocked LC Gates

Provision of Selective calling along with Voice Logger was made at 1191 Non-Interlocked LC gates (DLI-134, FZR-270, JAT-111, LKO-252, MB-293 & UMB- 131) for enhancing safety, efficiency and accountability in Railway operations.

Following Telecom facilities were provided in connection to Maha Kumbh Mela, 2025 at Prayag Raj

i) Various information Train Display Boards have been provided at 03 stations i.e. Prayag, Phaphamau and Prayag Ghat Sangam (05 Nos 6 Line OVD and IVD, 05 Nos 12 Line OVD, 08 Nos 5 Line MLDB, 14 Nos AGDB and 24 Nos. LED TV based TIB).

ii) 302 Nos. of Coach Guidance Display Board, 25 Nos. of GPS Clock, 330 Nos of Horn and Column Speakers for Public address System at 03 stations i.e. Prayag, Phaphamau and Prayag Ghat Sangam.

iii) 353 Nos of CCTV Cameras and 21 Nos. of 55” CCTV display units. 20 Nos of State CCTV Camera feed have been provided at ICC Prayag. Feed of all CCTV Cameras of Maha Kumbh Mela integrated to War Room, New Delhi.

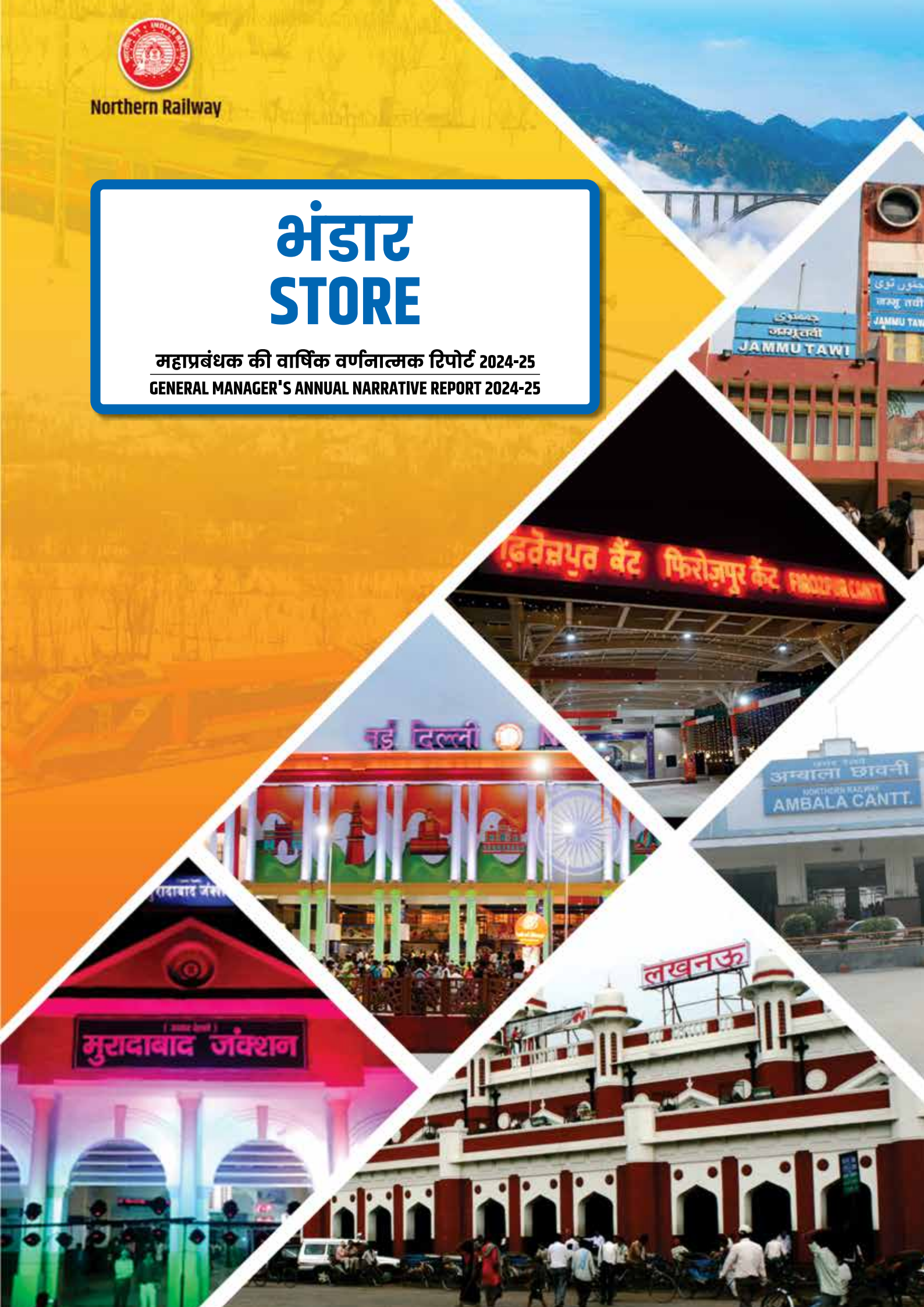
iv) 99 Nos of Wi-Fi Aps, 10 Nos of Airtel and JIO Towers have been provided for mobile coverage.

v) Ring backbone has been provided on IPMPLS at 03 stations i.e. Prayag, Phaphamau and Prayag Ghat Sangam.

Northern Railway

भंडार
STORE

महाप्रबंधक की वार्षिक वर्णनात्मक रिपोर्ट 2024-25
GENERAL MANAGER'S ANNUAL NARRATIVE REPORT 2024-25



CHAPTER – XI

11.1 ORGANISATI1ON OF STORES DEPARTMENT

11.1.1 Head Quarter Office

For carrying out Materials Management functions and scrap disposal, HQ Office of Stores Deptt. is located at Baroda House, New Delhi. It is headed by Principal Chief Materials Manager who is assisted by various Chief Materials Managers, Dy.Chief Materials Managers, Senior Materials Managers and Asstt. Materials Managers.

11.1.2 Stores Depots

For receipt, inspection, stocking and distribution of materials, there are 24 Stores Depots on this Railway. The depots at ASR, JUDW, SSB, AMV/LKO and CB are headed by Dy. Chief Materials Managers and others by SMMs/AMMs. Except General Stores Depot Shakurbasti, depots are either located adjacent to Railway Workshops or are attached to Diesel/ Electric Loco/ EMU Car Sheds.

11.1.3 Divisional units

A Stores Officer of the rank of JA/SG Grade is posted in each Division. Main functions of Sr.Divisional Material Managers are efficient distribution of stores including Stationery and Forms, purchase of materials to meet demands of Divisional Consignee, co-ordination with main depots and divisional indentors, disposal of scrap through auction.

11.1.4 Printing Press

A General Printing Press is located at Shakurbasti which is responsible for supply of Stationery and Forms, money value items as well as PRS /UTS tickets to entire Northern Railway. Recently it has been entrusted to supply money value items (including PRS/UTS tickets) to NER, NCR & NWR.

11.2 STORES TRANSACTIONS

11.2.1 Details of stores balances (with fuel) for normal maintenance and operation as well as works

(Fig. in Crores of ₹)

		Normal Maintenance & Operation		Works	Total	Works	Total
		2023-24	2024-25	2023-24	2024-25	2023-24	2024-25
1.	**Opening balance at the beginning of Year:-**						
a)	Physical balance without adjustment	425	541	3	3	428	544
b)	Adjustment 7100	23	1	0	0	23	1
c)	Total balance as per appropriation account under 7160	358	486	3	3	428	489

d)	Book keeping adjustment relating to 7171-7190	-67	-55	0	0	23	-55
e)	Total balance under 7100	381	487	3	3	361	490
2)	**Receipts during the year**	3686	3076	0	0	-67	3076
3)	**Issue during the year**	3570	3069	0	0	384	3069
4)	**Closing balance at the end of the year**						
a)	Physical balance without adjustment	541	548	3	3	544	551
b)	Adjustment 7100	1	116	0	0	1	116
c)	Total balance as per appropriation account under 7160	486	482	3	3	489	485
d)	Book keeping adjustment relating to 7171-7190	-55	-66	0	0	-55	-66
	TOTAL BALANCE UNDER 7100	**487**	**598**	**3**	**3**	**490**	**601**

11.2.2 Breakup of Stores Balances

(Fig. in Crores of ₹)

Opening balance at the beginning of year 2024-2025					**Transaction of the physical stock during year 2024-25**		**Closing balance at the end of year March' 2024-25**				
Physical Balance w/o Adjustment	**Adjustment 7170-7150**	**Total balance as per appropriation a/c**	**Balance Under 7110-7150**	**Total 7100**	**Receipts**	**Issue**	**Physical Balance w/o adjustment 7160**	**Adjustment 7100**	**Balance Under 7110-7150**	**Total balance as per appr. a/c**	**Total balance under 7100**
544	-55	489	-55	490	3076	3069	551	116	66	485	601

11.3 INVENTORY CONTROL:

Following steps are taken to control Inventories:-

i) All the items stocked in depots are divided in 'A', 'B' and 'C' categories based on value of annual-usage. Items which contribute 70% of the annual usage value are categorized as 'A', 20% of the annual usage value are categorized as 'B' & balance as 'C' category items.

ii) Intensive review is carried out for 'A' and 'B' category items to restrict the consumption and procurement to have minimum inventory level. Phased delivery is also arranged to keep the inventory at minimum level.

iii) Demands for Non-stock items are consolidated by HODs of consuming departments and annual procurements are arranged once a year for Non-stock items.

iv) Surplus, over stock and inactive items are reviewed regularly. Their disposal on Railway is arranged by issuing to depots, other Zonal Railways or by scrapping them due to spares becoming obsolete.

11.4 Modules implemented

11.4.1 E-Procurement implementation:

As a part of overall reforms process, Indian Railways decided to adopt and implement E-Procurement system for deriving mutual benefits to the Railways as well as the participating Industry. The EGP (E-Governance Project) application has been integrated with latest digital security features to demonstrate and ensure highest level of security, confidentiality and trust between the buyer and the seller. The system has been developed by CRIS and is fully operational.

During 2024-25 total 24559 numbers of e-tenders were uploaded on Northern Railway E-Procurement System (IREPS) and 24123 numbers of P.O's were placed .

11.4.2 Implementation of E-Auction.

In a major IT initiative, Stores department of Northern Railway launched on 06.03.2012 the e-auction module developed by CRIS for sale of scrap material through Electronic Auction. Shakurbasti Stores depot of N.Rly was assigned to conduct e-Auction of scrap material through the website www.ireps.gov.in, developed by Centre for Railway Information Systems (CRIS). The system allows bidding in a transparent and fair manner through internet. Presently electronic payments have been facilitated through State Bank of India. The application has been integrated with SBI in a unique manner allowing bidders to leverage the funds available in their account by lien management system for online participation. During financial year 2024-25, 592 lots worth Rs.78106 lacs has been auctioned using e-auction module.

11.4.3 Modules conceptualized and under implementation

a) Integrated Materials Management System (iMMS)

This is a common platform developed by CRIS for the users of iMMS across IR. E-procurement system has been made operational in all Depots and Divisions of NR. Depot/Division Purchase of MMS stands implemented on 30 units of NR. Contract Tracking Module of iMMS is working and NR has settled 23386 numbers of Direct Acceptance cases and 667 Tender Committee cases through this module during financial year 2024-25 (01-04-2024 to 31.03.2025). Purchase module was released by CRIS for implementation on 17.08.2016. Indenter module has also been implemented in Northern Railway. IMMS has also been implemented in all Divisional Hospitals and all health unit of NR.

b) Vendor Interface Management System (VIMS):

This Projected was sanctioned by Railway Board and it has been implemented by CRIS. The functionalities like Online Bill submission by Vendors, Online facility for submission of TDC/EMD, Online submission of modification request by Vendors, online real-time delivery of Digitally signed Contracts, LOAs, R/Notes, Receipted Challans to vendors and other stake holders, Online tracking of bills for payment, Online web queries, Mobile application vendor interface, Online submission of negotiated offers, online counter offer replies by vendors, integration with RITES Inspection Portal to facilitate information sharing among Railway User,

Vendors & RITES etc. have already been implemented. Activities of integration of RDSO Inspection Certificate & Despatch Memo (DM) with IREPS/iMMS has also been completed.

A new module for Trade Group-wise registration of vendors has been developed as per Railway Board's instructions and same has been deployed on production for test users. After completion of testing for test users, same will be opened for all Railways users.

Functionality for updating vendor's profile details and related documents by registered vendors deployed on production server for test vendors only. The same functionality is being tested and subsequently it will be opened on production server to all vendors.

c) Enterprise resource planning (ERP) based integrated MMIS for Indian Railway:

This project was also implemented by CRIS. Towards preparation of ERP implementation for IR, all the Zonal Railway's individual MMIS have been switched over to iMMS application (developed by CRIS). HQ Purchase Module & Depot Module has also been rolled out in NR as well as all Zonal Railways of IR.

iMMS rolled-out in Zonal Railways in phases i.e Two Railways in (NR & ER) and thereafter remaining Zonal Railways in March'2017. Subsequently, all PUs on boarded in Sept'2019.

11.5 OTHER STATISTICS

(A) Value of Railway equipment and stores ordered for the year 2024-25

(Fig. in Crores of ₹)

Through Ministry of Supply	Through Railway Board	Direct purchase made by Railway	Total
-	2822.31	3657.59	6479.91

(B) Purchases made for the year 2024-25

(Fig. in Crores of ₹)

Value of store direct purchased imported	Value of imported stores purchased in India	Value of stores purchased from public sector under takings	Khadi purchases	Value of stores purchased from cottage and small scale industries	Value of stores purchased manufactured in India from other industries	Total
0	843874	2904.97	0	1672.90	1901.95	6479.91

(C) No. of orders placed during the year 2024-25

Requisitions placed on other Railways		No. of Purchase Orders issued		No. of cases where 100% payment made against Proforma Invoice.		Total No. of indents on DGS&D & Central Purchase Agencies	
No.	Item	No.	Item	No.	Item	No.	Item
1438	1438	24123	6081	-	-	-	-

(D) Statement of Foreign Exchange released and utilized during the year 2024-25

Total amount of foreign exchange released by Railway Board, FA & CAO & GM of N.Rly. during the year 2024-25.

(Fig. in Crores of ₹)

Foreign Exchange released by Rly Bd.				Foreign Exchange released by FA&CAO/GM of N.Rly.			
For ALCO DSL spares	For Elect. spares	For other items	Total	For ALCO DSL spares	For Elect. spares	For other items	Grand Total
-	-	-	-	-	-	-	24.45

11.6 SUPPLY POSITION OF STEEL ITEMS

(Fig. in Crores of ₹)

S. N.	Items	Qty. indented during 2024-24 (including back log of last year)		Stock as on 1.4.24	Receipt during the year	Issues during the year	Stock as on 31.3.24
		Plant	Stockyard				
1.	Pig Iron	373.746	NIL	9.105	352.978	220	142.083
2.	Bars, Rounds and Structures	1286.521	NIL	1582.252	1666.138	1693.947	1554.443
3.	Plates	2338.796	979	245.61	4152.860	3442.799	955.671
4.	Sheets	1523.440	100	697.202	2175.812	2791.632	81.382

11.7 SUPPLY OF UNIFORMS DURING 2024-25

Summer		Winter
No. of Garments demanded	NA	NA
No. of Garments supplied	NA	NA

11.8 STORES DEPOTS

(A) Availability of items

(as on 01.04.25)

Depot Complex	Purchase Items			Shop Manufactured Items		
	Total No. of items stocked	No. of items available	Percentage availability	Total No. of items stocked	No. of items available	Percentage Availability
AMV/LKO	3740	3704	99.04%	NIL	NIL	NIL
JUDW Depot	2915	2907	99.73	37	37	100%
Ptg.Press/SSB	871	867	100%	0	0	0
SSB Depot	5546	5331	96.12	03	03	100%
ASR Depot.	2876	2839	98.72	0	0	0

(B) Total Transactions for the year 2024-25 (Receipts & Issues)

Depot/ Complex	No. of Total transactions		No. of average trans-action per month		No. of Class lll staff involved in recording transactions	Average No. of transactions per month/ person
	Receipt	Issues	Receipt	Issues		
AMV /LKO	12249	34701	1020.75	2891.75	86	45.49
JUDW Depot.	14295	43530	1191.25	3627.50	53	91
Ptg.Press/SSB	163	6993	13.57	581.73	10	596
SSB Depot.	13806	36376	1150.27	3031.38	58	1202.53
ASR Depot.	3321	11137	276.55	927.75	23	295.87

(C) Unit Cost of Receipt for year 2024-25

Depot/ Complex	Expenditure on staff engaged in receipt and inspection work	No. of staff for clerical and supervision work (Rs. in lakhs)	Approximate value of stores received (Rs. in lakhs)	Cost of receipt, inspection for every Rs.100/- worth of stores	Receipt notes granted per clerk per month
AMV/LKO	237.93	20	36491.00	0.65	51.04
JUDW Depot.	1.637	18	762	0.21	557.74
Ptg. Press/ SSB	25	2	994	2.51	13
SSB Depot	228.681	22	31050.7	66.803	697.9
ASR Depot.	107.45	11	11127	6.03	212.55

(D) Unit cost of issues for Year 24-25

Depot/ Complex	Expenditure on staff engaged in issue and Inspection work (Rs. in lakhs)	No. of staff for clerical and supervision work	Appr. Value of Stores issued (Rs. in lakhs)	Cost of issues for every Rs.100/-worth of stores.	Issue notes granted per clerk per month
AMV/AMV-LKO	911.04	71	33800	2.54	40.73
JUDW Depot	3468	38	756.82	0.46	95.46
Ptg.Press/SSB	115	8	1115	10.31	278.7
SSB Depot	314.58	20	16854.7	1596.36	801.4
ASR Depot.	221.21	19	10781	12.298	370.25

(E) Inactive, Overstock and Surplus Stores

Position as on	Inactive		Surplus		Overstock	
	No. of Items	Value	No. of Items	Value	No. of Items	Value
31.03.19	1070	227.71	786	213.67	3540	2669.22
31.03.20	1054	310	38	684	126.92	3420
31.03.21	1976	430.136	933	443.913	2281	787.775
31.03.22	967	169.713	351	43.2681	2168	350.569
31.03.23	2001	415.84	676	451.495	3086	738.217
31.03.24	1305	12.154	910	6.944	3828	50.79
31.03.25	22	13	23	26	59	57.01

(F) Details of Accounts & Departmental Stock Verification 2024-25

Depot/ Complex	Percentage of items verified with no discrepancy	No. of items verified with discrepancy	Break-up of No. of Items with discrepancy	
			Up to limit of Rs.1000/-	Above the limit of Rs.1000/-
AMV/LKO	NIL	NIL	NIL	NIL
JUDW Depot	100%	NIL	NIL	NIL
Ptg. Press/ SSB	100%	NIL	NIL	NIL
SSB Depot	100%	39	04	35
ASR Depot	100%	NIL	NIL	NIL

(G) Loss and Gain revealed in Departmental & Accounts verification for 2024-25

Depot/Complex	Loss (Rs.)	Gain (Rs.)	Net Gain (Rs.)	Net Loss (Rs)
AMV/ LKO	NIL	NIL	NIL	NIL
JUDW Depot	NIL	NIL	NIL	NIL
Ptg. Press/ SSB	NIL	NIL	NIL	NIL
SSB Depot	NIL	NIL	NIL	NIL
ASR Depot	NIL	NIL	NIL	NIL
Total	NIL	NIL	NIL	NIL

(H) Losses due to theft, misappropriation and fire etc.

Year	Loss due to theft and mis-appropriation etc.		Loss due to fire	
	No. of cases	Value (in Rs.)	No. of cases	Value Involved (in Rs.)
2019-20	NIL	NIL	NIL	NIL
2020-21	NIL	NIL	NIL	NIL
2021-22	NIL	NIL	NIL	NIL
2022-23	NIL	NIL	NIL	NIL
2023-24	NIL	NIL	NIL	NIL
2024-25	NIL	NIL	NIL	NIL

11.9 DISPOSAL OF SCRAP

Year	Target (Cr.)	Achieved (Cr. Rs)
2020-21	420	445.72
2021-22	370	624.36
2022-23	460	675.35
2023-24	500	608.48
2024-25	530	781.06

A) ARISING AND DISPOSAL OF SCRAP IN 2024-25

Description	Opening balance as on 01.04.24	Arising	Total (2+3)	Disposal	Closing Balance as on 31.03.25	Value of disposal (in Cr.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Ferrous: (MT)	39	37309	37348	37049	299	128.37
a) Rail	0	77966	77966	68157	1420	255.78
b) Others P.Way						
+ forfeited	0	13994	13994	13413	581	45.38
c) Other Ferrous	39	37309	37348	37049	299	128.37
(2) NonFerrous	1	2022	2023	2016	7	53.13
(3) Rolling Stock	0	0	0	0	0	0
a) Wagon (FWUs)	0	711	711	600	111	25.83
b) Coaches	0	129	129	114	15	7.27
c) Loco	0	7	7	6	1	0.52
d) Others Misc	0	3065	3065	3065	0	6.89
RWF	0	16560	16560	16521	39	56.37
Others	0	20148	20148	20148	0	113.64
PSC Sleepers	0	89907	89907	77453	12454	3.27
Abandoned Structures	0	68	68	61	7	11.00

(B) Details of Ferrous, Non-Ferrous and Misc. Scrap for 2024-25

(Figures in FWU (Four-Wheeler Unit) (Value in Corers ₹)

Category	Balance as on 01.04.24	Receipt during the year 2024-25	Disposal for Rly use		Disposal /Sold to others	Closing Balance 31.3.25
	Qty. in MT	Qty. in MT	Qty. in MT		Qty. in MT	Qty. in MT
P.Way	0	77966	68157	255.78	NIL	1420
Rail	0	0	0	0	NIL	0
Other than P. Way						
Ferrous Scrap	39	37309	37049	128.39	NIL	299
Non-Ferrous	1	2022	2016	53.13	NIL	7

(C) Disposal of condemned Rolling Stock for 2024-25

(Fig. in Crores of ₹)

Category	Balance as on 01.04.24	Receipt during 2024-25	Disposal for Railway use		Disposal during the year	Closing as on 31.3.25
			Qty	Value	Qty.	
Coach	0	129	114	7.27	114	7
Wagon	0	711	600	25.83	600	109
Locos	0	7	6	0.52	6	1
Others	0	3065	3065	6.89	3065	0

11.10 PERFORMANCE OF PRINTING PRESS

(A) Production of Presses: The production of various items printed and manufactured in Railway Presses is under:-

S. N.	Work Done for	General Printing Press/Shakurbasti				Card tickets dispatched by T&P Press LKO
		Impressions in DFCs	Forms	M.V. Books	Total (3 +4)	
	1	2	3	4	5	6
1	Northern Railway 2021-22	0.1480	0.28	0.38	0.66	0
2	Other Railway 2021-22	0.1348	0.60	0	0.60	0
\3	Northern Railway 2022-23	0.5725	18.00	1.20	19.20	0
4.	Other Railway 2022-23	0.0075	0.25	0	0.25	0
5	Northern Railway 2023-24	0.2639	13.53	0.48	14.01	0
6	Other Railway 2023-24	0.0000	0.02	0	0.02	0
7	Date upto 2024-25	0.00	0.00	0	0.00	0

(B) Production statement showing value of the work done by Rly. Press

(Fig. in Crores of ₹)

S.N	Work done for	General Printing Press/Shakurbasti				Card Tickets Despatched by T&P Press LKO
		General Printing A	Forms B	M.V Books C	Total (A+B+C)	
	1	2	3	4	5	6
1	Northern Railway 2021-22	2531	24	487	3042	0
2	Other Railway 2021-22	2306	51	0	2357	0
3	Northern Railway 2022-23	22110	3476	3476	29062	0
4	Other Railway 2022-23	290	48	0	338	0
5	Northern Railway 2023-24	385	9863	5250	15498	0
6	Other Railway 2023-24	0	15	0	15	0
7	Date upto 2024-25	0	0	0	0	0
Work done for others shown above is the work done for Foreign Railways, Railway Recruitment Boards.						

(C) Paper Consumption during the year. (Fig. in M.T.)

Year	For General Printing of Books and Forms	Sty. Demands of Stations and offices	Demands of other Railway	Total M/Ts
2019-20	314	NIL	NIL	314.00
2020-21	33.035	NIL	NIL	33.035
2021-22	10.608	NIL	NIL	10.608
2022-23	60.00	NIL	NIL	60.00
2023-24	NIL	NIL	NIL	NIL
2024-25	NIL	NIL	NIL	NIL

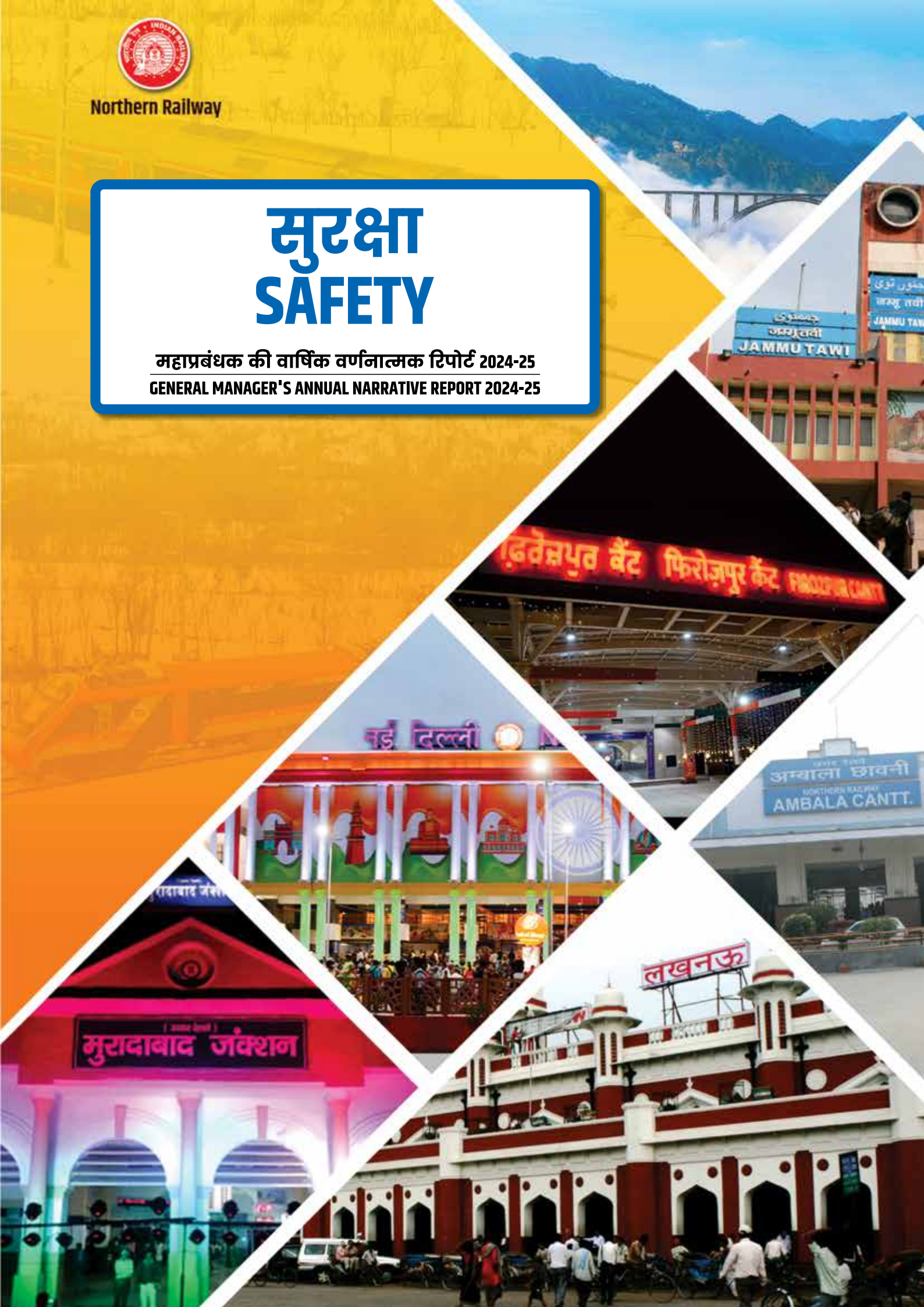
11.11 YEARLY PERFORMANCE OF STORES DEPARTMENT IN KEY AREAS

S. No.	Item	2022-23	2023-24	2024-25
1	Scrap Disposal (crores Rs)	675.35	608.48	781.06
	Inventory Management			
2.	Closing Balance (crores Rs)	380.22	342.52	365.66
3.	Total issues during the year (crores Rs)	1169.45	1553.81	624.90
4.	Inventory Turnover Ratio (Closing balance as % age of total issues during the year)	W/o 22.19%	W/o 22.04	22.50 %
5.	Compliance % age of Purchasable items.			
	a) Workshop	95.24	96.92	-
	b) Imprest stores	96.67	96.76	
	c) Non-Imprest stores	93.72	98.17	
6.	Compliance % age of Shop Manufactured items			
	a) Workshop	98.07	98.49	-
	b) Imprest Stores	95.77	98.33	
	c) Non-Imprest stores	93.72	98.37	
7.	Purchase items out of stock	4.76	3.08	-
8.	Manufactured items out of stock	1.93	1.51	-
9.	Inactive items	13.56%	9.53%	-
10.	Efficiency of clearance of printed card tickets demand (avg. days of outstanding load in a month)	-	-	-
11.	Supply of fabricated uniforms			
	a) Winter	-	-	-
	b) Summer	-	-	-

Northern Railway

सुरक्षा
SAFETY

महाप्रबंधक की वार्षिक वर्णनात्मक रिपोर्ट 2024-25
GENERAL MANAGER'S ANNUAL NARRATIVE REPORT 2024-25



CHAPTER – XII

12.1 About the Department

The Safety organization at Headquarters is headed by Pr. Chief Safety Officer who is assisted by Dy. CSO/ S&T, Dy. CSO/Mech., Dy. CSO/Elect and Dy. CSO/Engg. In addition, two Traffic Inspectors Safety, CLI/Mech., SSE/ C&W, SSE/ Signal, JE/ Sig, SSE/ Engg. and CLI / Elect are working in the Safety Department at Headquarters Office.

After bifurcation of Safety Organization between Safety and Operating branch, the work of traffic safety rests with the latter. While the issues pertaining to Safety are being dealt with by the respective departments, the Safety branch is required to conduct inspections of the activity centres of all departments and point out shortcomings and deficiencies as noticed during inspections for remedial action by the concerned departments, Pr.CSO coordinates with Commissioner of Railway Safety and reports to the General Manager.

Sr. Divisional Safety Officers, J.A. Grade officers are available in each Division. The team of Safety counsellors drawn from Traffic, Loco, C&W, Engineering and Signal & Telecom departments are deployed with the Sr. DSOs to strengthen the Safety Organization at the Divisional level.

12.2 Highlights of the year

12.2.1 Accident - Overall position during the year 2024-25:

In all, 06 Nos. of Consequential train accidents have taken place. The Statement showing category-wise train accidents which occurred during last 15 years is placed at Annexure 'A'

The position in respect of category-wise train accidents during last 5 years is as under :-

S N	Category of Accidents	2020-21	2021-22	2022-23	2023-24	2024-25
	Consequential Train Accidents					
1	**Collision**	0	0	1	0	0
2	**Derailment –**					
i)	At Station	1	2	4	1	5
ii)	Mid-Section	0	1	1	1	0
	Total	**1**	**3**	**5**	**2**	**5**
3	**Level Crossing –**					
i)	Manned Level Crossing	0	1	0	0	0
ii)	Unmanned LC	0	0	0	0	0
	Total	**0**	**1**	**0**	**0**	**0**
4	**Fire in train**	2	1	0	0	1
5	**Miscellaneous**	0	0	0	0	0
	Grand Total	**3**	**5**	**6**	**2**	**6**

Indicative Accidents						
S N	**Category of Accidents**	**2020-21**	**2021-22**	**2022-23**	**2023-24**	**2024-25**
1	**Averted collisions**	0	0	0	0	0
2	**Breach of Block rules**	0	0	0	0	0
3	**Signal Passing at Danger**	4	3	0	2	3
	TOTAL	**4**	**3**	**0**	**2**	**3**

Annexure 'A'

Statement showing Consequential Train Accidents (Type-wise) during the last 15 years

S N	Category	10-11	11-12	12-13	13-14	14-15	15-16	16-17
1	Collision	1	0	0	0	0	1	0
2	Derailment	12	7	5	8	8	9	10
3	Level Crossing	9	14	15	7	11	10	4
4	Fire in train	0	0	0	1	1	0	0
5	Misc	1	1	0	0	0	0	0
6	**Total**	**23**	**22**	**20**	**16**	**20**	**20**	**14**
Indicative Accidents								
7	Averted Collision	1	3	3	1	0	1	0
8	Breach of Block rules	0	3	3	0	1	1	0
9	Signal Passing at danger	10	9	11	7	8	1	4
10	**Total**	**11**	**15**	**17**	**8**	**9**	**3**	**4**
11	Grand Total	34	37	37	24	29	23	18

S N	Category	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25
1	Collision	0	0	0	0	0	1	0	0
2	Derailment	10	10	6	1	3	5	2	5
3	Level Crossing	5	0	0	0	1	0	0	0
4	Fire in train	1	0	3	2	1	0	0	1
5	Misc.	0	0	0	0	0	0	0	0
6	**Total**	**16**	**10**	**9**	**3**	**5**	**6**	**2**	**6**

Indicative Accidents									
7	Averted Collision	0	0	0	0	0	0	0	0
8	Breach of Block rules	0	0	0	0	0	0	0	0
9	Signal Passing at danger	5	5	0	0	0	0	2	3
10	**Total**	**5**	**5**	**4**	**4**	**3**	**0**	**2**	**3**
11	**Grand Total**	**21**	**15**	**13**	**7**	**8**	**6**	**4**	**9**

12.2.2 Yearly Performance of Safety Department

SN	Items	2020-21	2021-22	2022-23	2023-24	2024-25
1	Trend of Accidents	3	5	6	2	6
2	Accident per million train kms	0.06	0.05	0.05	0.02	0.05
3	Collision	0	0	1	0	0
4	**Derailments** –					
i)	At Station	1	2	4	1	5
ii)	Mid-Section	0	1	1	1	0
5	**Level Crossing** –					
i)	Manned LC	0	1	0	0	0
ii)	Un-Manned LC	0	0	0	0	0
6	Fire in Train	2	1	0	0	1
7	Miscellaneous	0	0	0	0	0

Casualty		K G M	K G M	K G M	K G M	K G M
1	Railway Staff	Nil	Nil	Nil	Nil	Nil
2	Passenger	Nil	Nil	Nil	Nil	Nil
3	Other	Nil	5 1 0	0 1 3	Nil	Nil
Main Causes:						
1	Mech	0	0	0	0	0
2	Engg	1	1	2	0	2
4	Elect	0	1	0	0	1
5	Traffic	0	0	1	0	0
6	S&T	0	0	0	0	0
7	Combination of staff	0	1	2	1	0
8	FORS	2	1	0	0	1
9	Incidental	0	1	1	0	1
10	Other causes	0	0	0	1	0
11	Safety Drives launched	28	28	14	20	24
12	Total staff refreshed	13584	14015	15572	15868	15959
13	Total Safety Inspections conducted	4941	6005	6379	5393	5915

Legend: K – Killed G – Grievous Injury M – Minor Injury

12.3 SAFETY ORGANISATION AND ACCIDENT PREVENTION

The Safety organization at Headquarters is headed by Pr. Chief Safety Officer who is assisted by Dy CSO/Mech, Dy CSO/Elect, Dy CSO/Engg, Dy CSO/S&T and ASO/Traffic. RCSO coordinates with CRS. Sr. Divisional Safety Officers, J.A. Grade officers are available on each Division. The team of Safety counselors is deployed with the Sr. DSOs to strengthen the Safety Organization at the Divisional level. A monthly PCDO on Safety is sent from GM to CRB.

12.3.1 Safety Camps

Staff of Safety categories attends Safety Camps, which is a continuous process.

12.3.2 Refresher Course

The following staffs have been given refresher courses training during the year 2024-25:

SN	Category of staff	Number
1	SM/ASM	1190
2	Guard	809
3	Driver	6651
4	Switchman / Cabinman / Leverman	15
5	Pointsman	1223

12.3.3 Safety Literature

During the year under review 50048 Nos. of Safety Posters / Pamphlets were issued by the Safety Organization of Northern Railway, Headquarters Office and by the Divisions.

12.3.4 Audio Visual Activities

S N	Activities	Number
1	Safety Seminars (Attended by different categories of staff)	273
2	Safety Meetings (Attended by different categories of staff)	5135
3	Nukkad Natak	60
4	Shunting Mela	81

A large number of news items on the Hazards of Level Crossing accidents and travelling on the roof of the trains were given in the following News Papers to warn the road users/ passengers to desist from the same –

Hindi: Dainik Jagran, Aaj, Dahej Daman, Punjab Kesri, Nav Bharat Times, Swatantra Bharat, Amar Ujala, Rajasthan Patrika, Nav Jiwan, Amrit Perbhat.

English: The Tribune, Times of India, National Herald, Workers Herald

Punjabi: Patriot Jagbani, Ajit and Tribune

12.3.5 Safety Checks

The following Safety checks had been made by Officers /Inspectors during 2024-25:

1	Ambush Checks	2078
2	Level Crossing Inspections	1389
3	Inspections by Safety Officers/Supervisors	5915
4	Inspections by other department officers	30607
5	Road users Counseled	9880

12.4 Measures were taken to improve safety:

12.4.1 For Reducing Collision and Derailments

1. Every case of accident occurring on this Railway as well as on other Zonal Railways is thoroughly analyzed to arrive at its cause and based upon the conclusion -
   - Suitable safety drives are being launched.
   - Necessary Safety Circulars are issued immediately after accidents for educating the staff concerned.
2. Monitoring, regular counseling, personalized on job counseling of train passing staff, through regular inspections by Officers and inspectors are being done.
3. Regular counseling and monitoring of drivers by nominated Loco inspectors.
4. Ambush checks in lobbies to ensure Breathalyzer test of LPs/ALPs during ‘Signing ON’/ ‘Signing OFF’.
5. Super checks of maintenance of Rakes and Brake power testing.
6. Surprise Night inspection for checking alertness of train passing staff and to avoid short cut methods during Failure of signals and interlocking gears.
7. Personal counseling of ASMs/SMs/Section Controllers by Officers and Supervisors regarding special precautions to be taken while using VHF set for obtaining line clear.
8. Close monitoring of train crews and train passing staff during foggy weather.
9. Implementation of Ten Hours duty for running staff.
10. Categorization of train passing and running staff.
11. Intensive training at initial stage and during refresher courses.
12. Surprise checks to check the following:

- Brake power test & check on observance of rules for reception/dispatch of trains.
- Observance of rules for double locking of relay rooms /cabin basements.

12.4.2 For Reducing accidents at Level Crossings -

1. Publicity through various media and cinema slides etc. is being given to educate the road users for precautions to be taken while passing over a level crossing gate.
2. Teams of Safety counselors and Officers are being deputed to conduct surprise incognito checks by travelling in 2nd or 3rd coach next to engine to check drivers whistling on W/L board while approaching the level crossing gate.
3. Inspections especially Night inspection have been intensified to check alertness of gateman.
4. Safety drives are being launched to check the condition of roads, provision of W/L board, speed breakers, Warning boards etc. at Level Crossing Gates.
5. Drives have also been undertaken along with state Governments for educating the public in use of Level Crossing Gates.
6. Proposal of RUB and ROB is also under process in the vulnerable areas.
7. Ambush checks by RPF officials to challan erring road users.
8. Close interaction with State Govt. for coordination in enforcement of Laws at LCs.
9. Interlocking of Manned Level Crossing Gates.

12.4.3 For Reducing Fire in Trains -

1. Fire extinguishers are available in the AC Coaches, Locomotives and with Guards.
2. Training in firefighting to all concerning staff of Commercial, Mechanical and Operating.
3. Safety Drives are being launched from time to time to check unauthorized carriage of explosives/ inflammable articles etc. by passengers on trains.
4. Informing public through different Media regarding dangers of carrying inflammable articles and requesting them not to do so.
5. A multi-tier protection is provided for all coaches by ensuring HRC fuses/MCBs of suitable ratings.
6. On all AC coaches, over-heat protection has been provided to ensure cut-off of heater at specified temperature if the blower does not function
7. Fuse Distribution Board (FDB) covers have been modified on all non-AC coaches as per RDSO instructions to prevent tampering by miscreants.

12.5 Special initiatives taken

12.5.1 Preventive approach to Safety:

SMS based daily monitoring system introduced – In this system unusual incidents reported by the LPs on the regular basis are monitored and SMSs are sent to GM by DRMs. The follow-up action is pursued and is informed to the LPs. During this year 1920 unusual have been reported. This system is proving very useful.

Data Loggers – Extensive use of Data Loggers is being done for both safety and maintenance related activities. The following exception reports are generated in the division-

- Signal incidences regarding unusual track, point and signal power supply occurrences.
- Signal Passing at Danger
- Wrong operation of buttons, Block instruments, KTs or Crank handles
- Engineering occurrences like loose packing of points, friction in point, movement etc.
- Over speeding of train in the station area.
- Status of the point after receiving the train.

Case studies in the safety training centers and in the divisions and the sheds.

12.5.2 Staff motivation:

Monthly safety awards at the General Manager level –

Safety Awards are distributed by the General Manager in a special program organized in the HQs office. The Railway men are awarded with Merit Certificate, Medal and Cash who contribute towards Safety by their timely action. During 2024-25, the Safety Award has been awarded to 125 Nos. of Railway Men.

Similar action by the divisions – Similar Safety Award is given at Divisional level also.

Wide publicity – It has been spread in the field of Safety through various Media etc. during the year 2023-24

SMS	Posters / Pamphlets
6,00,00,000	50048

12.5.3 Thrust on audits/ inspections:

All bi-monthly Intra Railway Safety Audits have been adhered to during the year 2024 (Calendar) as per prescribed frequency –

Quota	Done
6	6

12.5.4 Alertness of staff and readiness for managing accidents:

Mock Drills have been carried out in each Division as per prescribed frequency.

12.5.5 Staff Trainings:

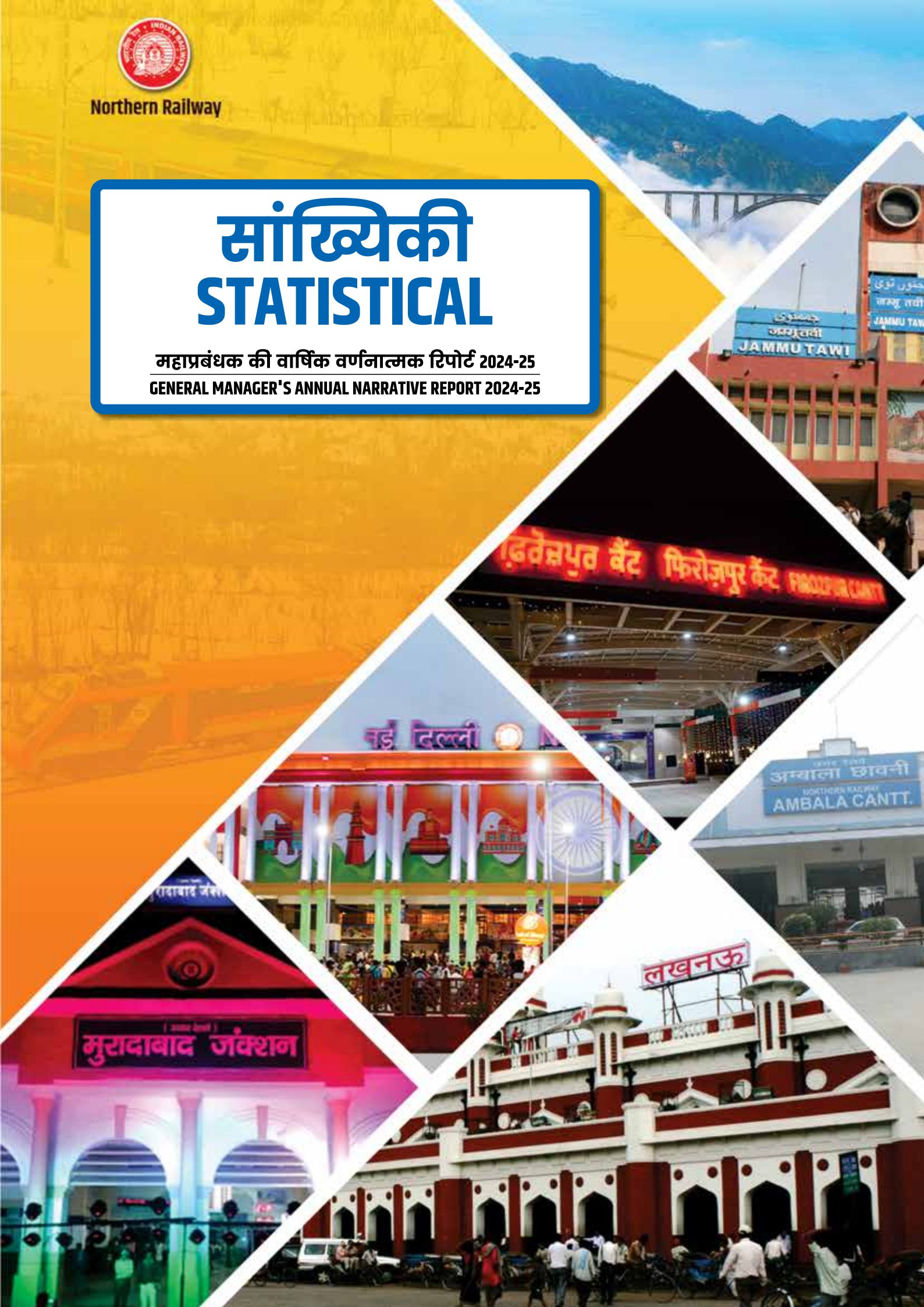
	PME	Refresher course	Safety Camps
Training Done	7795	15959	7249

Northern Railway

सांख्यिकी
STATISTICAL

महाप्रबंधक की वार्षिक वर्णनात्मक रिपोर्ट 2024-25

GENERAL MANAGER'S ANNUAL NARRATIVE REPORT 2024-25



CHAPTER – XIII

13.1 About the Department

- The importance of Statistics in modern civilized life is great. Statistics are means to and should therefore be presented in a form, which could be understood by technical and non-technical officers who may have to formulate policies on it. Statistics facilitate the study of economic trend on the railway and enable the railways to make the most appropriate use of their assets.
- No social or economic policy can be solved without help of statistical data compiled in a systematic manner. Statistics are the eyes of the administration. No administration can give advice unless it had adequate statistical data before him.
- In these days personal relationship between the employer and the employee, supervision is possible only by the medium of statistical data presented before the management.
- Statistics enlarges individual expenditure, without proper statistics most of our ideas are very vague. It is only by continuous study of facts relating to the past and the present that reliable estimates can be obtained for the future.

13.2 Statistical Data at a Glance

क्रम सं S. No.	विवरण	Particulars	ईकाई/ Unit	2023-24	2024-25
संयंत्र एवं उपकरण Plant & Equipment					
1	ब्याज देय पुंजी	Capital-at-charge	करोड/ Crore	247112.21	289109.31
2	कुलनिवेश	Total Investment	करोड/ Crore	61589.60	57105.00
3	मार्ग लम्बाई विद्युत कृत	Route Length Electrified	कि.मी./ KM	7076.74	7148.25
	कुल	Total	कि.मी./ KM	7405.59	7477.10
4	चालु रेल पथ लम्बाई विद्युत कृत	Running Track Length Electrified	कि.मी./ KM	10373	10547.85
	कुल	Total	कि.मी./ KM	10702.12	10876.70
5	स्टेशनो की संख्या	Number of stations	संख्या/ Number	795	796
6	रेल इंजिन भाप	Locomotives Steam	संख्या/ Number	0	0
	डीजल हाइड्रोलिक सहित	Diesel Including Hyd.	संख्या/ Number	894	862
	विद्युत कृत	Electrified	संख्या/ Number	1153	1193
7	कोचिंग वाहन (चोपहियो में) यात्री कोचिंग वाहन	Coaching Vehicles (in 4wh) Passenger Coaching Vehicles	ईकाई/ Unit	7307	7471
	अन्य कोचिंग वाहन	Other Coaching vehicles	ईकाई/ Unit	902	895
8	ई.एम.यू. मोटर कोच	Electrical Multiple Unit Motor Coach	ईकाई/ Unit	82	96
	अनुयानकोच	Trailer Coach	ईकाई/ Unit	160	192

9	एम.ई.एम.यू. मोटर कोच	Main line Electrical Multiple Unit Motor Coach	ईकाई/ Unit	158	173
	अनुयान कोच	Trailer Coach	ईकाई/ Unit	475	523
10	डी.ई.एम.यू. मोटर कोच	Diesel Electric Multiple Unit Motor Coach	ईकाई/ Unit	124	122
	अनुयान कोच	Trailer Coach	ईकाई/ Unit	330	333
11	रेलकार	Rail Car		4	4
12	माल डिब्बे ब्रेक वान सहित	Wagons incl. brake vans	ईकाई/ Unit	19063	18886
		परिचालन OPERATING			
1	यात्री गाड़ी गाडी कि.मी.	Passenger Train Kilometers	मिलियन/Million	67	68
	वाहन कि.मी.	Vehicle Kilometers (in 4wh)	मिलियन/Million	2459	2546
2	मालगाड़ी गाड़ी कि.मी.	Goods Train Kilometers	मिलियन/Million	42	41
	माल डिब्बे कि.मी. ब्रेकवान सहित	Wagons Kilometers including b/van	मिलियन/Million	1941	1718
		यातायात की मात्रा Volume of Traffic			
1	यात्री (राजस्व) प्रारम्भिक यात्री	Passenger (Revenue) Passenger Originating	मिलियन/Million	413.17	443.71
	यात्री कि.मी.	Passenger Kilometers	मिलियन/Million	104803.07	112391.05
2	माल (राजस्व) प्रारम्भिक टन	Goods(Revenue)Tonnes Originating	मिलियन/Million	53.58	55.67
	प्रारम्भिक निवल टन कि.मी.	Originating N.T.K.M.	मिलियन/Million	47169	53295
		रोजगार एवं मजदुरी EMPLOYMENT & WAGES			
1	नियमित कर्मचारियो	Regular Employees	हजार/ Thousand	138.67	137.85
2	नियमित कर्मचारियो का वेतन	Wage bill of regular employees	करोड/ Crore	11905.99	12735.55
3	नियमित कर्मचारियो का औसत वार्षिक वेतन	Av. Annual wage per regular employee	हजार/ Thousand	133.29	143.70
		वित्तीय परिणाम Financial Results			
1	राजस्व	Revenue	करोड/ Crore	-7451.26	-7867.72
2	व्यय	Expenses	करोड/ Crore	22881.6	22932.99
3	शुद्धराजस्व	Net Revenue	करोड/ Crore	-7451.26	-7867.72
4	पुंजी पर लाभदर	Rate of return on capital	प्रतिशत/percent	-68.11	-2.73
5	पुंजी पर लाभदर	Dividend on Capital	करोड/ Crore	0	
6	परिचालन अनुपात	Operating Ratio	प्रतिशत/percent	134.95	135.88

13.3 Gauge-Wise Breakup of Route &Track Kms as on 31st March, 2025

आमान / GAUGE	मार्ग कि.मी. / ROUTE KMs.			रेलपथकि.मी. / TRACK KMS	
	इकहरी लाइन	दोहरी लाइन	कुल	साइडिंग रहित	साइडिंग रहित
	Single Line	**Double Line**	**Total**	**Excl.Siding**	**Incl.Siding**
बड़ीलाइन Broad Gauge	3816.65	3399.60	7216.25	10615.85	13845.08
छोटीलाइन Narrow Gauge	260.85	0.00	260.85	260.85	320.31
कुल / Total	**4077.50**	**3399.60**	**7477.10**	**10876.70**	**14165.39**

13.4 Volume of Traffic Handled & Transportation Out-Put

यात्रीसेवा /Passenger Service					
विवरण / Particulars	इकाई/Unit	2023-24	2024-25	%बढ़त/ घटत %age Inc/ Decr	पिछले वर्ष से Over Last Year
प्रारम्भिकयात्री / Passenger Originating					
बड़ी लाइन Broad Gauge	मिलियन Million	412.58	442.84	7.33	30.26
कुल छोटी लाइन सहित Total Incl.Narrow Gauge	मिलियन Million	413.17	443.71	7.39	30.54
यात्रीकि.मी. / Passenger Kms					
बड़ी लाइन Broad Gauge	मिलियन Million	104764.12	112334.05	7.23	7569.93
कुल छोटी लाइन सहित Total Incl.Narrow Gauge	मिलियन Million	104803.07	112391.05	7.24	7587.98
यात्री गाड़ी कि.मी. /Passenger Train Kms					
बड़ी लाइन Broad Gauge	हजार Thousand	67269	68654	2.06	1385.00
कुल छोटी लाइन सहित Total Incl.Narrow Gauge	हजार Thousand	67679	69210	2.26	1531.00
वाहन कि.मी. / Vehicle Kilometers (in 4wh)					
बड़ी लाइन Broad Gauge	मिलियन Million	2459	2546	3.54	87.00
कुल छोटी लाइन सहित Total Incl.Narrow Gauge	मिलियन Million	2464	2553	3.61	89.00

13.5 Volume of Traffic Handled & Transportation Out-Put

विवरण / Particulars	ईकाई / Unit	2023-24	2024-25	पिछले वर्ष से प्रतिशत बढ़त/ घटत/ %age Inc./Dec. Over Last Year
प्रारम्भिक टन Tonnes Originating				
बड़ी लाइन Broad Gauge	हजार/Thousand	53584	55670	3.89
कुल छोटी लाइन सहित Total Incl.Narrow Gauge	हजार/Thousand	53584	55670	3.89
निवल टन कि.मी. Net Tonne KMS				
बड़ी लाइन Broad Gauge	मिलियन/ Million	47169	53295	12.99
कुल छोटी लाइन सहित Total Incl.Narrow Gauge	मिलियन/ Million	47169	53295	12.99
मालगाडी कि.मी. Goods Train Kms				
बड़ी लाइन Broad Gauge	हजार/Thousand	42610	41570	-2.44
कुल छोटी लाइन सहित Total Incl.Narrow Gauge	हजार/Thousand	42610	41570	-2.44

मालडिब्बा कि.मी. Wagon Kms				
बड़ी लाइन Broad Gauge	मिलियन/ Million	1942	1718	-11.53
कुल छोटी लाइन सहित Total Incl.Narrow Gauge	मिलियन/ Million	1942	1718	-11.53

13.6 Plan Head Loading Performance (Including Non-Revenue)

क्रम संख्या S.No.	विवरण / Particulars	प्रारम्भिक टन Tonnes Org.		ढोयेगयेएन.टी.के.एम./ Carried NTKM	
		हजार (Thousand)		हजार (Thousand)	
		2023-24	2024-25	2023-24	2024-25
1	कोयला/Coal				
	रेलवे के लिये कोयला / Coal for Railway use				
	इस्पात कारखाने के लिये कोयला / Coal for Steel Plants				
	अन्य उपयोग के लिये / Coal for other users	371	159	30670856	23490514
	कुल कोयला/ Total Coal	371	159	30670856	23490514
2	इस्पात कारखाने के लिये कोयला/ Raw Material for Steel Plant Other than Coal			1968	6375
3	इस्पात कारखाने से पुर्ण उत्पाद Finished products from Steel Plant			2544351	3073109
4	निर्यात के लिये/ For Export				
	लोह अवस्क / Iron Ore			181378	150275
	मैग्नीज अवस्क/ Mangenese Ore			0	0
5	सीमेंट/ Cement	3530	3682	4826820	4519571
	अनाज/ Foodgrains	18104	20958	10443662	11729497
	उर्वरक/ Fertilizers	7918	8270	4315177	4437332
	खनिजतेल/ Mineral Oils	4993	5129	2631210	2702982
	अन्य माल/Other Goods	15739	17471	10758907	7253408
	कुल राजस्व लदान/ Total Revenue Loading	53585	55669	66374329	57363063
	कुल गैरराजस्व लदान/ Total non-revenue Loading	197	311	222888	50744
6	कुल राजस्व एवं गैर राजस्व लदान/ Total Revenue and Non-Revenue Loading	53782	55980	66396617	57413807

13.7 Average Speed of Goods Train

S. No.	वितरण / Particulars	2023-24	2024-25
1	सीधी माल /Through Goods	25.22	25.98
2	सभी माल / All Goods	25.22	25.98

13.8 Passenger Train Kilometres (P+M) in Thousand

S.No.	वितरण / Particulars	2023-24	2024-25
1	डीजल विद्युत /Diesel Electric	9654	7549
2	डीजल हाइड्रोलिक/ Diesel Hydraulic	0	0
3	विद्युत / Electric	57615	61105
4	**कुल/ Total**	**67269**	**68654**

13.9 Goods Train Kilometres (G+M) in Thousand

S. No.	वितरण / Particulars	2023-24	2024-25
1	डीजल विद्युत /Diesel Electric	8137	9512
2	डीजल हाइड्रोलिक/ Diesel Hydraulic	0	0
3	विद्युत / Electric	37473	32058
4	**कुल/ Total**	**42610**	**41570**

13.10 Wagon Kilometres (G+M) in Thousand

S. No.	वितरण / Particulars	2023-24	2024-25
1	डीजल विद्युत /Diesel Electric	313924	316525
2	डीजल हाइड्रोलिक/ Diesel Hydraulic	0	0
3	विद्युत / Electric	1628073	1401774
4	**कुल/ Total**	1941997	1717299

13.11 Total Shunting Engine KM's for the year 2024-25 (in Thousand)

लाईन/ Gauge	भाप	डीजलविद्युत	डीजल/ हाइड्रोलिक	विद्युत	कुल
	Steam	**DSL-ELE**	**DSL/HYD.**	**Electric**	**Total**
बी.जी./ B.G.	0	4326	0	7854	12180
एन.जी./N.G.	0	0	160	0	160

13.12 Engine Utilization (Territorial Basis)

क्रम संख्या S.No.	विवरण / Particulars	आंकडे हजार मे / Figure In Thousand		%बढ़त/ घटत पिछले वर्ष से %age Increase/ Decrease Over Last Year
		2023-24	2024-25	
1	इंजन कि.मी. शंटिग सहित (विभागीय को छोड़कर) Engine Kms. Incl. Shtg. (Excl. Deptt.)			
	यात्री और मिश्रित अंश / Pass. & Prop. of Mixed			

	बड़ी लाईन/ BROAD GAUGE			
	डीजल विद्युत /Diesel Electric	22765	14935	-34.39
	डीजल हाइड्रोलिक/ Diesel Hydraulic	0	0	0.00
	विद्युत/ Electric	80062	74501	-6.95
	कुल/ Total	**102828**	**89436**	**-13.02**
	छोटी लाईन/ NARROW GAUGE			
	डीजल हाइड्रोलिक/ Diesel Hydraulic	567	751	32.45
	कुल/ Total	**567**	**751**	**32.45**
	माल और मिश्रित अंश / Goods& Prop. of Mixed			
	बड़ी लाईन/ BROAD GAUGE			
	डीजल विद्युत /Diesel Electric	13436	17554	30.65
	डीजल हाइड्रोलिक/ Diesel Hydraulic	0	0	0
	विद्युत/ Electric	46015	49983	8.62
	कुल/ Total	**59451**	**67537**	**13.60**
	छोटी लाईन/ NARROW GAUGE			
	डीजल हाइड्रोलिक/ Diesel Hydraulic	0	0	0
	कुल/ Total	0	0	0
2	कुल इंजन कि.मी. विभागीय सहित / Total Engine Kms (Including Deptt.)			
	बड़ी लाईन/ BROAD GAUGE			
	डीजल विद्युत /Diesel Electric	39290	35298	-10.16
	डीजल हाइड्रोलिक/ Diesel Hydraulic	0	0	0.00
	विद्युत/ Electric	130672	127789	-2.21
	कुल/ Total	169964	163087	-4.05
	छोटी लाईन/ NARROW GAUGE			
	डीजल हाइड्रोलिक/ Diesel Hydraulic	629	795	26.39
	कुल/ Total	629	795	26.39
3	इंजन कि.मी. प्रतिदिन प्रत्येक इंजन प्रयोग मे / Engine Kms per day per Engine in use			
	सवारीसेवा/ Passenger Service			
	बड़ी लाईन/ BROAD GAUGE			
	डीजल विद्युत /Diesel Electric	605.0	377.0	-37.69
	डीजल हाइड्रोलिक/ Diesel Hydraulic	793.0	675	-14.88
	डीजल हाइड्रोलिक/ Diesel Hydraulic	0	0	0
	छोटी लाईन/ NARROW GAUGE			
	डीजल हाइड्रोलिक/ Diesel Hydraulic	45	43	-4.44
	मालसेवा/ Goods Service			
	बड़ी लाईन/ BROAD GAUGE			
	डीजल विद्युत /Diesel Electric	295.0	288.0	-2.37
	विद्युत/ Electric	377.0	314.0	-16.71
	डीजल हाइड्रोलिक/ Diesel Hydraulic	0	0	0

13.13 Input & Output Ratio

क्रम सं. S. N.	विवरण / Particulars	आंकडे हजार मे / Figure In Thousand		%बढ़त/ घटत पिछले वर्ष से % age Increase/ Decrease Over Last Year
		2023-24	2024-25	
	इनपुट / IN PUT			
1	2.5 स्टीम लोको के बराबर एक मुख्य लाइन डी/ इलेक्ट्रिक लोको को लेकर भाप लोको के संदर्भ में माल इंजन की संख्या No. of goods engine equated in terms of steam locos by taking one main line D/Electric loco equivalent to 2.5 steam locos	300	310	3.33
2	माल डिब्बा रखना/ Wagon Holding	19063	18886	-0.93
	आउटपुट / Out Put			
1	सकल टन कि.मी. (क्षेत्रीय) इंजिन का वजन एंवम विभागीय सहित (लाख मे) (माल) G.T.K.M. (Territorial) Incl.Weight of Engine & Deptt.(In lakh)	1251047	1100335	-12.05
2	निवल टन कि.मी. (आवंटन) (लाख मे) N.T.K.M.(Allotment) (In lakh)(Goods)	1637335	1514573	-7.50
3	औसत प्रतिदिन लदान (राजस्व और गैर राजस्व) Av.daily wagons loading (Revenue & Non-Revenue)	3530	3650	3.40
4	औसत प्रतिदिन लदे हुए प्राप्त Av.daily loaded wagons receipt	7709	7569	-1.82
5	कुल लदान एवम लदे हुए प्राप्त Total of Loading & Loaded wagons Receipts(Av.Daily)	11239	11219	-0.18
6	माल डिब्बा कि.मी. प्रतिमाल डिब्बा प्रतिदिन (लाईनपर) Wagon Kms Per Wagon Day(On Line)	224	179	-20.09

13.14 NUMBER AND COST OF STAFF AS ON 31.03.2025

GROUP	कर्मचारियों की संख्या (हजार में) Number of Staff (in Thousand)		कर्मचारियों की लागत (करोड़ में) Cost of Staff (in Crore)	
	2023-24	2024-25	2023-24	2024-25
चालूलाईन/ Open Line				
समूहए/ Group 'A'	0.96	1.05	304.25	319.72
समूहबी/ Group 'B'	0.47	0.46	122.13	123.29
समूहसी/ Group 'C'	135.46	134.66	17727.86	19047.79
कुल Total	**136.89**	**136.17**	**18154.24**	**19490.80**
निर्माण/ Construction				
समूहए/ Group 'A'	0.11	0.11	43.36	73.98
समूहबी/ Group 'B'	0.09	0.09	29.46	27.83
समूहसी/ Group 'C'	1.56	1.48	249.73	247.97
कुल Total	**1.76**	**1.68**	**322.55**	**319.78**
कुलयोग/ GRAND TOTAL	**138.65**	**137.85**	**18476.79**	**19810.5**

DENSITY STATEMENT FOR THE YEAR 2024-25 (BG)

DELHI DIVISION				Sec. No.	Route Kms.	AVERAGE DAILY NUMBER OF								NTKM / Route Kms Per Day			Gross Tonne Kms Per Route Kms Per Day					
S.No.	Sections					PassTrainsRun		P.C.V's Run(8Wh)		Goods Trains Run		Wagons Run					Goods'		Passenger		Goods'+Passeger	
Double line (Electrified)						UP	DN	UP	DN	UP	DN	UP	DN	UP	DN	TOTAL	UP	DN	UP	DN	UP	DN
1	TKJ	--	NDLS	101	3	95.6	95.6	1673	1673	0.0	1.7	2.73	36	0	1150	1150	71	1952	221088	221088	221159	223040
2	SBB	--	DSA	102	7	55.0	55.0	867	867	11.9	21.0	672	962	22502	25377	47879	37556	47430	77899	77899	115456	125330
3	DSA	--	DLI	103	6	64.2	64.2	979	979	11.8	20.5	344	889	9067	21643	30710	17317	42127	58080	58080	75397	100207
4	NDLS	--	DLI	104	4	10.5	10.5	127	127	0.0	0.0	0.11	0.00	2	0	2	4	0	5644	5644	5649	5644
5	PWL	--	TKD	105	40	74.9	74.9	1371	1371	54.4	29.0	1865	971	83195	30107	113303	126042	52739	110189	110189	236230	162928
6	DKZ	--	SSB	111	8	25.8	25.8	396	396	8.4	11.2	233	613	4297	8611	12908	10027	22215	24857	24857	34885	47072
7	NDLS	--	SZM	121	3	27.6	27.6	489	489	0.3	0.3	2	0	104	2	106	154	3	48763	48763	48917	48766
8	DLI	--	SZM	122	3	14.5	14.5	245	245	6.0	8.9	306	263	10385	11397	21783	17575	17874	15289	15289	32864	33163
9	SZM	--	PNP	123	86	40.9	40.9	717	717	21.5	25.6	665	673	33652	21848	55500	49191	37692	78886	78886	128077	116578
10	PNP	--	KKDE	124	67	38.3	38.3	707	707	14.5	14.1	464	379	22093	13925	36018	33646	23191	83717	83717	117363	106909
11	KKDE	--	UMB	125	42	36.6	36.6	655	655	13.7	14.7	446	363	22166	12514	34680	33088	21388	44436	44436	77524	65824
12	PTNR	--	NDAZ	126	8	0.1	0.1	2	2	5.5	23.8	348	804	10625	33392	44017	18768	52348	141	141	18910	52489
13	GZB	--	CPYZ	150	4	7.2	7.2	136	136	18.9	20.3	625	798	34215	10811	45026	48447	28592	8702	8702	57149	37293
14	GZB	--	SBB	151	7	130.4	130.4	2269	2269	36.3	35.2	1272	1509	53096	57476	110572	81673	92276	209789	209789	291462	302065
15	SBB	--	ANVT	152	6	49.3	49.3	972	972	0.0	0.0	0.0	0.58	0	1	1	0	16	64902	64902	64902	64919
16	SBB	--	NZM	153	17	11.8	11.8	202	202	24.3	24.0	581	830	29921	44723	74643	42997	64039	38644	38644	81641	102683
17	TKD	--	NZM	154	10	70.8	70.8	1281	1281	9.4	12.2	289	520	12512	26512	39024	19258	38637	171207	171207	190465	209844
18	SBB	--	TKJ	155	15	35.6	35.6	658	658	0.0	0.0	0.0	1.09	0	2	2	0	0	78846	78846	78846	78846
19	PTNR	--	SSB	156	8	2.3	2.3	46	46	10.6	22.1	323	982	18937	39044	57981	25926	61023	3218	3218	29144	64242
20	TKD	--	OKA	161	6	61.2	61.2	1175	1175	2.0	8.6	71	1857	3983	73587	77570	5356	114831	80284	80284	85640	195115
21	OKA	--	PTNR	162	20	1.3	1.3	27	27	1.6	15.1	54	625	4422	24371	28794	12153	38716	1876	1876	14030	40592
22	NZM	--	PTNR	181	19	3.0	3.0	54	54	15.2	13.5	299	336	17692	19094	36785	24188	26841	3793	3793	27981	30634
23	PTNR	--	DBSI	182	3	5.7	5.7	103	103	0.00	0.2	2.53	20	6	450	456	69	958	7206	7206	7275	8164
24	DBSI	--	DKZ	183	3	20.8	20.8	341	341	0.01	0.2	0.95	19	6	455	461	27	932	22335	22335	22361	23267
25	DLI	--	DKZ	184	3	12.9	12.9	187	187	12.4	12.7	364	643	9577	11033	20610	18337	25391	20753	20753	39090	46144
26	NDLS	--	DKZ	185	3	18.9	18.9	311	311	0.01	0.10	3.04	8.02	0	66	66	79	266	37221	37221	37300	37487
27	NZM	--	TKJ	186	5	48.5	48.5	862	862	0.01	1.7	2.23	37	0	1218	1218	57	2032	106500	106500	106558	108532
28	SSB	--	ROK	112	60	21.0	21.0	348	348	33.7	40.3	895	1402	46751	36276	83027	66773	63372	23564	23564	90337	86936
29	GZB	--	MTC	133	47	25.4	25.4	441	441	2.1	4.4	138	152	6408	2543	8951	9651	6183	50796	50796	60447	56979
30	MTC	--	SRE	134	114	22.1	22.1	380	380	6.0	3.0	412	371	16451	4839	21291	25454	15938	32473	32473	57927	48411
31	DLI	--	GHH	163	41	31.9	31.9	560	560	21.0	23.0	5056	4621	33380	41575	74954	45452	103625	19511	19511	64962	123136
32	GHH	--	RE	164	42	32.1	32.1	564	564	4.4	6.6	550	649	12454	36090	48544	22314	50046	39366	39366	61680	89412
33	ROK	--	JIND	113	57	16.0	16.0	246	246	22.3	23.7	675	934	35025	26837	61861	49886	60736	16498	16498	66383	77234
34	JIND	--	NRW	114	34	14.5	14.5	231	231	21.2	21.6	617	906	31166	44955	76122	47865	41925	16384	16384	64248	58308
35	NRW	--	JHL	115	38	11.8	11.8	209	209	19.2	14.1	531	510	28510	16709	45219	40225	20222	14656	14656	54881	34878
36	JHL	--	BTI	116	98	9.9	9.9	179	179	12.7	19.2	983	784	33344	21941	55285	47037	27017	12521	12521	59559	39538
37	DSA	--	SMQL	131	88	11.4	11.4	151	151	2.1	3.2	121	1236	3069	6229	9298	8747	87459	8877	8877	17624	96336
38	SMQL	--	SRE	132	71	6.2	6.2	88	88	1.9	0.9	0.52	22	13	377	390	26	864	4922	4922	4948	5786
39	GHH	--	FN	166	12	2.1	2.1	12	12	4.1	4.0	238	239	6356	32608	38964	12835	11995	759	759	13594	12754
40	GHH	--	PTNR	173	33	29.7	29.7	559	559	2.2	5.3	82	269	4678	17409	22086	6200	22421	39008	39008	45208	61429
41	TPZ	--	LRJ	136	50	8.2	8.2	116	116	0.5	1.9	114	86	5877	1529	7406	8247	12651	8349	8349	16596	21000
Single Line (Electrified)																						
42	KKDE	--	NRW	141	87	2.8	2.8	25	25	1.6	2.9	24	90	696	3435	4131	1281	5644	1947	1947	3227	7591
43	PNP	--	JIND	142	70	4.3	4.3	44	44	6.4	7.6	243	294	13105	10191	23295	18351	16677	2988	2988	21340	19665
44	ROK	--	PNP	143	72	2.0	2.0	24	24	4.8	2.9	117	173	6186	8990	15176	8717	12956	1746	1746	10462	14701
45	RE	--	ROK	165	82	3.5	3.5	36	36	0.1	6.3	32	340	1701	19296	20998	2401	26784	2515	2515	4916	29299

DENSITY STATEMENT FOR THE YEAR 2024-25 (BG)

FIROZPUR DIVISION				Sec. No.	Route Kms.	AVERAGE DAILY NUMBER OF								NTKM / Route Kms Per Day			Gross Tonne Kms Per Route Kms Per Day					
S.No.	Sections					PassTrainsRun		P.C.V's Run(8Wh)		Goods Trains Run		Wagons Run					Goods'		Passenger		Goods'+Passeger	
Double line (Electrified)						UP	DN	UP	DN	UP	DN	UP	DN	UP	DN	TOTAL	UP	DN	UP	DN	UP	DN
1	SNL	--	LDH	211	15	43.6	43.6	773	773	22.0	21.5	609	615	24230	21975	46205	38730	36486	53183	53183	91913	89669
2	LDH	--	PHR	212	13	48.7	48.7	820	820	12.9	13.3	402	430	17224	12931	30155	48575	41744	56898	56898	105473	98642
3	PHR	--	PGW	213	22	44.8	44.8	792	792	10.1	9.8	324	277	15501	7225	22727	44166	38626	54902	54902	99068	93529
4	PGW	--	JRC	214	16	46.4	46.4	803	803	10.2	9.4	308	341	14883	7000	21883	51596	42020	55723	55723	107319	97743
5	JRC	--	JUC	215	5	38.0	38.0	543	543	5.6	5.5	227	502	11030	6212	17241	26036	35463	56526	56526	82561	91988
6	JUC	--	BEAS	216	36	23.5	23.5	414	414	5.1	5.7	185	230	9152	5273	14425	46823	45986	57462	57462	104285	103448
7	BEAS	--	ASR	217	43	24.8	24.8	427	427	2.8	3.1	73	61	2109	2443	4552	50439	41667	58799	58799	109238	100466
8	JRC	--	SCPD	221	3	16.1	16.1	337	337	5.1	2.2	361	29	2273	590	2863	31916	4979	23319	23319	55236	28298
9	JUC	--	SCPD	222	3	3.2	3.2	31	31	2.0	3.0	50	497	1619	325	1943	2510	13052	2128	2128	4638	15180
10	SCPD	--	PTKC	223	109	19.2	19.2	368	368	6.5	7.1	100	283	3590	1407	4997	9064	13579	25677	25677	34741	39256
11	CHKB	--	PTK	224	4	3.9	3.9	45	45	0.1	0.2	1	5	17	61	78	40	171	3146	3146	3186	3317
12	CHKB	--	BHRL	226	3	17.9	17.9	354	354	5.9	5.9	90	168	3767	634	4401	5859	5014	24460	24460	30319	29474
13	PTK	--	BHRL	225	3	7.1	7.1	94	94	0.07	0.07	0	1	4	1	5	19	45	9818	9818	9836	9863
14	BHRL	--	JAT	227	98	19.6	19.6	386	386	6.4	6.9	99	216	4005	790	4795	6491	6411	26677	26677	33168	33088
Single Line (Electrified)																						
15	SGDN	-	BRML	229	184	6.8	6.8	54	54	0.0	0.0	0	0	0	0	0	0	0	3471	3471	3471	3471
16	MCTM	--	SVDK	237	26	7.5	7.5	150	150	0.0	0.0	0	0	0	0	0	0	0	10422	10422	10422	10422
17	JAT	-	UP	228	53	10.4	10.4	191	191	1.9	1.9	0	15	0	0	0	0	229	13184	13184	13184	13413
18	PHR	--	NRO	261	32	7.7	7.7	44	44	0.8	1.2	9	35	206	1918	2124	816	2837	2970	2970	3786	5808
19	NRO	--	LNK	262	32	3.9	3.9	28	28	0.6	1.1	13	20	466	728	1194	640	2067	1995	1995	2636	4063
20	NRO	--	JUC	263	31	3.8	3.8	15	15	0.0	0.1	3	2	17	2	19	93	1058	975	975	1068	2033
21	VKA	--	BTA	269	31	3.9	3.9	21	21	0.2	0.2	6	3	103	12	115	149	74	1416	1416	1566	1490
22	ASR	--	VKA	268	8	7.7	7.7	78	78	0.4	0.2	28	1	1318	81	1399	2610	222	5479	5479	8089	5701
23	BTA	--	PTK	270	68	3.4	3.4	18	18	0.7	1.1	10	27	331	507	838	693	1186	1542	1542	2235	2727
24	BTA	--	QDN	271	19	0.5	0.5	3	3	0.0	0.0	0	0	0	0	0	0	0	185	185	185	185
25	BEAS	--	TTO	274	49	1.9	1.9	15	15	1.1	2.7	3	37	680	40	720	1020	814	961	961	1981	1775
26	KEMK	--	ASR	275	77	2.0	2.0	12	12	0.7	1.6	5	17	236	276	511	409	694	758	758	1167	1452
27	BTI	--	KKP	231	42	12.5	12.5	176	176	3.7	6.1	138	179	5784	4686	10470	10505	12172	12464	12464	22969	24637
28	KKP	--	FKA	232	80	6.4	6.4	56	56	1.5	2.1	77	40	3084	1341	4424	4997	2278	3911	3911	8908	6189
29	KKP	--	FZR	233	45	7.9	7.9	121	121	2.3	3.6	101	53	4239	134	4373	7682	3693	8608	8608	16290	12301
30	FZR	--	FKA	234	88	5.8	5.8	46	46	1.6	1.4	16	16	175	1003	1178	470	1192	3188	3188	3659	4380
31	ABS	--	FKA	235	43	0.8	0.8	10	10	0.0	0.0	0	0	0	0	0	0	0	710	710	710	710
32	LDH	--	FZR	241	124	6.6	6.6	68	68	8.8	6.7	242	245	20815	16739	37554	5949	18166	4868	4868	10817	23034
33	JUC	--	LNK	251	52	7.8	7.8	77	77	5.5	3.7	221	25	1336	897	2233	9685	1740	5274	5274	14958	7013
34	LNK	--	FZR	252	66	7.2	7.2	69	69	4.8	3.8	187	432	832	14993	15825	9444	32094	4710	4710	14154	36804
35	HSX	--	JRC	264	38	6.5	6.5	33	33	1.0	1.0	23	27	453	784	1237	1133	1244	2342	2342	3475	3585
36	NSS	--	RHU	265	7	1.7	1.7	10	10	0.0	0.0	0	0	0	0	0	0	0	730	730	730	730
37	JJJ	--	NSS	266	31	1.0	1.0	4	4	0.0	0.0	0	0	0	0	0	0	0	245	245	245	245
38	NSS	--	PGW	267	36	1.9	1.9	10	10	0.4	0.4	8	15	340	165	506	530	529	759	759	1289	1288
39	VKA	--	DBNK	272	45	1.9	1.9	11	11	0.0	0.3	0	0	0	2	2	0	2	735	735	735	737
40	ASR	--	ATT	273	25	2.0	2.0	12	12	0.6	0.6	5	12	96	589	684	225	840	761	761	986	1601
41	FZR	--	HSW	276	6	6.1	6.1	58	58	0.0	0.0	0	0	0	0	0	0	0	3990	3990	3990	3990

DENSITY STATEMENT FOR THE YEAR 2024-25 (BG)

LUCKNOW DIVISION				Sec. No.	Route Kms.	AVERAGE DAILY NUMBER OF								NTKM / Route Kms Per Day			Gross Tonne Kms Per Route Kms Per Day					
S.No.	Sections					PassTrainsRun		P.C.V's Run(8Wh)		Goods Trains Run		Wagons Run					Goods'		Passenger		Goods'+Passeger	
Double line (Electrified)						UP	DN	UP	DN	UP	DN	UP	DN	UP	DN	TOTAL	UP	DN	UP	DN	UP	DN
1	ON	--	CNB	317	17	42.7	42.7	753	753	11.8	13.6	703	688	5641	36780	42421	80778	70767	67020	67020	147798	137787
2	LKO	--	ON	318	54	31.2	31.2	593	593	16.1	22.2	684	853	3643	40973	44616	72403	111671	40919	40919	113322	152591
3	DDU	--	BSB	301	17	24.8	24.8	466	466	31.3	29.3	39	975	2202	4644	6846	3344	531743	41517	41517	44861	573260
4	BSB	--	ZBD	302	51	21.5	21.5	428	428	29.3	28.4	1000	1191	64987	8042	73029	91225	63338	29721	29721	120946	93059
5	UTR	--	LKO	305	12	29.1	29.1	513	513	24.2	15.5	266	121	16650	4235	20885	33398	52096	35661	35661	69059	87758
6	PRYJ	--	PRG	321	7	15.6	15.6	243	243	4.1	2.0	14	143	929	3334	4264	1244	6266	17098	17098	18342	23364
7	RBL	--	UTR	372	66	17.5	17.5	280	280	5.5	4.6	98	116	5498	4890	10388	16071	18623	19634	19634	35705	38257
8	BBK	--	ML	353	16	40.5	40.5	811	811	21.1	7.9	430	296	7599	23085	30683	41400	60050	64746	64746	106146	124796
9	ML	-	LKO	354	12	32.6	32.6	674	674	20.6	11.4	419	404	6813	17512	24325	46063	58280	53730	53730	99793	112010
10	ZBD	--	SLN	303	92	13.7	13.7	276	276	21.4	12.8	610	494	38244	9796	48041	51311	2396	18737	18737	70047	21133
11	SLN	--	UTR	304	127	13.2	13.2	265	265	21.4	21.9	506	724	32190	11112	43302	43256	1735	17988	17988	61244	19724
12	UTR	--	AMG by p	370	17	0.0	0.0	0	0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0
13	JNH	--	ZBD	312	48	4.2	4.2	66	66	0.5	2.5	3	50	140	433	573	196	1302	4676	4676	4872	5978
14	PFM	--	PBH	331	47	4.2	4.2	46	46	1.7	0.7	260	221	9834	1291	11125	44289	15154	3268	3268	47557	18422
15	PBH	--	CIL	332	4	15.2	15.2	267	267	7.6	5.8	236	305	11307	6486	17793	16961	14036	18758	18758	35719	32794
16	CIL	--	SLN	333	36	2.2	2.2	35	35	1.2	2.0	154	1	5172	4	5176	11265	22	2516	2516	13780	2538
17	SLN	--	AYC	334	58	1.7	1.7	25	25	2.0	2.5	302	0	10938	60	10997	16545	114	1787	1787	18331	1900
18	ABP	--	AYC	343	61	11.1	11.1	192	192	5.5	3.1	47	113	865	3513	4377	1976	6139	13119	13119	15095	19257
19	DMW	--	DYP	381	25	2.8	2.8	16	16	0.0	0.0	0	0	0	0	0	0	0	1353	1353	1353	1353
20	DYP	--	RBL	382	6	9.8	9.8	83	83	1.0	1.1	217	35	7790	772	8562	14542	1847	6200	6200	20742	8047
21	DYP	--	UCR	383	22	6.9	6.9	67	67	1.3	0.2	182	125	7727	7777	15505	11827	10724	4847	4847	16674	15571
Single Line (Electrified)																						
22	DMW	--	ON	316	81	5.4	5.4	56	56	1.1	1.1	41	60	1320	3233	4553	2296	4626	4215	4215	6511	8841
23	PFM	--	JNH	311	47	7.9	7.9	154	154	6.4	3.9	130	84	1483	3912	5395	87250	5009	9660	9660	96910	14670
24	ZBD	--	JNU	313	7	15.4	15.4	279	279	0.2	1.7	0	9	74	532	607	27	734	19546	19546	19573	20280
25	PFM	--	UCR	314	72	8.7	8.7	103	103	4.8	10.2	165	623	8006	2575	10580	13659	16890	7344	7344	21004	24235
26	UCR	--	DMW	315	31	7.1	7.1	98	98	1.4	0.8	43	68	1598	4008	5606	2664	5659	7082	7082	9746	12741
27	PRG	--	PFM	322	6	19.8	19.8	312	312	0.0	0.0	0	0	9	0	9	17	10	28539	28539	28556	28548
28	ZBD	--	SHG	341	39	11.5	11.5	232	232	7.9	7.0	429	482	27847	982	28829	37247	20842	20117	20117	57364	40959
29	SHG	--	ABP	342	44	12.2	12.2	249	249	7.4	8.7	420	486	22609	1079	23687	37149	17486	21250	21250	58400	38736
30	ABP	--	TD	351	17	0.0	0.0	0	0	5.5	5.4	462	460	31650	2	31652	41438	22561	0	0	41438	22561
31	AYC	--	BBK	352	100	8.8	8.8	183	183	2.0	4.5	125	169	2412	4675	7087	33991	38240	15227	15227	49218	53468
32	BSB	--	JNH	361	75	13.7	13.7	264	264	9.8	14.6	431	289	23180	2141	25321	36600	8429	18374	18374	54974	26802
33	JNH	--	PBH	362	53	11.0	11.0	193	193	4.1	6.5	80	281	1382	2142	3524	6569	8243	13576	13576	20145	21819
34	CIL	--	RBL	371	91	12.3	12.3	226	226	7.5	6.5	142	216	6357	4608	10965	12227	14089	18982	18982	31209	33071
35	PRG	--	PYG	391	2	6.3	6.3	94	94	0.0	0.0	0	0	0	0	0	0	0	6732	6732	6732	6732

DENSITY STATEMENT FOR THE YEAR 2024-25 (BG)

MORADABAD DIVISION				Sec. No.	Route Kms.	AVERAGE DAILY NUMBER OF								NTKM / Route Kms Per Day			Gross Tonne Kms Per Route Kms Per Day					
S.No.	Sections					PassTrainsRun		P.C.V's Run(8Wh)		Goods Trains Run		Wagons Run					Goods'		Passenger		Goods'+Passeger	
Double line (Electrified)						UP	DN	UP	DN	UP	DN	UP	DN	UP	DN	TOTAL	UP	DN	UP	DN	UP	DN
1	MB	--	NBD	401	98	18.7	18.7	408	408	26.8	15.1	611	548	15921	20072	35994	30169	32732	28293	28293	58462	61025
2	NBD	--	MZM	402	12	20.6	20.6	443	443	22.8	15.9	630	591	15323	21642	36966	30010	35497	30845	30845	60855	66342
3	MZM	--	LRJ	403	30	22.0	22.0	414	414	23.7	16.9	630	592	15324	21643	36968	30011	35537	28622	28622	58633	64158
4	LRJ	--	SRE	404	53	23.0	23.0	433	433	24.1	17.8	843	803	20624	28793	49417	40340	47399	29980	29980	70320	77379
5	LKO	--	BLM	411	69	35.0	35.0	656	656	37.7	32.1	724	983	41441	18386	59827	59132	40526	45606	45606	104737	86132
6	BLM	--	ROSA	412	88	36.7	36.7	682	682	29.3	16.8	627	693	34038	12681	46719	49253	148475	47435	47435	96689	195911
7	ROSA	--	SPN	413	8	42.5	42.5	791	791	24.4	15.8	933	909	28296	36712	65008	51438	58404	55038	55038	106476	113442
8	SPN	--	BE	414	70	39.0	39.0	743	743	28.7	25.8	976	956	26917	38085	65002	49856	60759	51612	51612	101467	112370
9	BE	--	MB	415	91	37.8	37.8	768	768	26.9	22.8	731	793	25213	31229	56443	42142	70536	53619	53619	95761	124155
10	HPU	--	GZB	423	37	31.5	31.5	604	604	13.8	14.4	325	1674	12479	24807	37286	28727	65934	41325	41325	70052	107259
11	MB	--	GJL	421	53	30.5	30.5	562	562	14.8	13.4	364	1677	14485	22240	36725	38011	53568	39091	39091	77102	92660
12	GJL	--	HPU	422	51	29.4	29.4	550	550	11.9	10.7	383	1707	14325	24125	38450	33575	54379	38166	38166	71741	92546
13	LRJ	--	HW	461	28	23.0	23.0	381	381	1.3	1.9	23	14	1362	709	2071	12313	6734	26925	26925	39239	33659
14	SCC	--	SPN	453	88	3.5	3.5	75	75	16.1	13.8	395	361	6451	20814	27265	15814	29441	5153	5153	20967	34594
Single Line (Electrified)																						
15	KRJ	--	HPU	441	63	4.9	4.9	90	90	6.5	8.7	200	260	9533	5163	14696	14133	11039	5767	5767	19900	16806
16	HPU	--	MTC	442	30	3.1	3.1	42	42	5.9	0.7	131	136	4972	2368	7340	8116	5493	3032	3032	11148	8525
17	RJK	--	MB	432	25	8.7	8.7	118	118	2.8	1.3	1	152	5	5328	5333	35	9262	8343	8343	8377	17605
18	CH	--	BE	472	70	7.3	7.3	83	83	16.1	5.8	423	158	11071	7510	18581	29183	11495	5788	5788	34971	17283
19	CH	--	RJK	431	19	8.1	8.1	103	103	8.6	4.3	484	151	15417	5317	20734	27570	9230	7256	7256	34826	16486
20	SHTS	--	RJK	433	23	1.5	1.5	4	4	0.0	0.0	0	0	0	0	0	0	0	284	284	284	284
21	ON	--	BLM	451	100	2.4	2.4	12	12	1.2	2.0	25	39	1258	1503	2760	1930	2489	891	891	2821	3379
22	BLM	--	SCC	452	60	0.7	0.7	6	6	0.7	0.2	42	13	1708	196	1904	2357	308	459	459	2816	767
23	HGJ	--	CH	471	78	7.5	7.5	66	66	4.2	1.9	283	70	9356	493	9849	16025	1197	4717	4717	20742	5913
24	NBD	--	KTW	481	24	4.0	4.0	21	21	0.0	0.0	0	0	11	13	24	15	22	1791	1791	1807	1813
25	NBD	--	GJL	482	106	3.9	3.9	48	48	0.9	0.9	3	6	0	333	268	445	1844	3490	3490	3935	5335
26	DDN	--	LRJ	476	6	11.0	11.0	182	182	0.0	0.0	0	2	0	63	63	0	101	12875	12875	12875	12976
27	HW		RWL	462	11	22.7	22.7	364	364	0.5	0.9	8	29	361	604	964	579	1339	25823	25823	26403	27162
28	RWL	--	DDN	463	40	14.9	14.9	232	232	0.0	0.1	0	1	0	0	0	0	14	16517	16517	16517	16531
29	RWL	--	VRH	464	6	9.8	9.8	171	171	0.5	0.5	8	29	505	604	1109	578	1323	12006	12006	12584	13329
30	VRH	--	RKSH	465	6	4.7	4.7	70	70	0.5	0.5	7	6	469	0	469	745	199	4995	4995	5740	5194
31	VRH	--	YNRK	466	6	1.0	1.0	19	19	0.5	0.5	7	6	469	0	469	745	199	1293	1293	2038	1492

DENSITY STATEMENT FOR THE YEAR 2024-25 (BG)

AMBALA DIVISION				Sec. No.	Route Kms.	AVERAGE DAILY NUMBER OF								NTKM / Route Kms Per Day			Gross Tonne Kms Per Route Kms Per Day					
S.No.	Sections					PassTrainsRun		P.C.V's Run(8Wh)		Goods Trains Run		Wagons Run					Goods'		Passenger		Goods'+Passeger	
Double line (Electrified)						UP	DN	UP	DN	UP	DN	UP	DN	UP	DN	TOTAL	UP	DN	UP	DN	UP	DN
1	SRE	--	UMB	501	82	27.9	27.9	522	522	36.1	28.1	107	326	12133	8567	20700	53780	46974	35445	35445	89225	82419
2	UMB	--	RPJ	502	28	48.4	48.4	855	855	33.9	26.1	583	577	24022	14685	38707	62339	55863	57962	57962	120301	113825
3	RPJ	--	SIR	503	25	42.8	42.8	789	789	30.6	17.2	631	327	22573	11027	33599	58363	33099	53094	53094	111457	86192
4	SIR	--	SNL	504	48	36.5	36.5	716	716	17.9	18.0	239	328	8077	11182	19259	27430	38382	49242	49242	76672	87625
5	UMB	--	KLK	531	70	19.2	19.2	317	317	3.4	2.8	97	51	2710	1370	4081	15264	7948	22435	22435	37700	30383
Single Line (Electrified)																						
6	SIR	--	NLDM	532	104	3.0	3.0	27	27	7.9	7.3	255	169	9726	2318	12044	16415	6150	1119	1119	17534	7268
7	NLDM	--	UNA	533	17	0.0	0.0	0	0	0.01	0.01	0	0	9	0	9	50	29	3	3	53	32
8	CHD	--	MRND	534	45	1.0	1.0	15	15	1.4	2.4	20	36	581	1050	1631	3245	596	1053	1053	4297	1649
9	HSR	--	JHL	511	82	5.8	5.8	57	57	1.5	4.8	87	154	5172	8400	13572	7568	11631	4305	4305	11873	15936
10	DUI	--	LDH	513	61	8.2	8.2	109	109	6.1	6.1	139	250	7167	2490	9657	10036	12968	7885	7885	17921	20852
11	UHL	--	AMB	535	43	2.4	2.4	31	31	0.0	0.0	0	0	0	0	0	0	0	2183	2183	2183	2183
12	DUI	--	BTI	522	96	6.7	6.7	81	81	11.1	3.4	442	130	15977	4603	20580	25711	10641	5856	5856	31566	16496
13	JHL	--	DUI	512	67	9.4	9.4	125	125	5.9	9.9	152	277	7854	13716	21570	11144	21601	9049	9049	20193	30651
14	RPJ	--	DUI	521	78	7.8	7.8	109	109	15.4	5.3	620	195	19596	9455	29051	33296	13815	7861	7861	41156	21676
15	UHL-	--	DLPC	535	43	2.4	2.4	31	31	0.01	0.01	0	0	11	0	11	45	20	2183	2183	2228	2203
16	MRND	--	LDH	536	72	0.5	0.5	8	8	1.0	3.5	7	81	177	644	822	349	5177	543	543	893	5720
17	BTI	--	SGNR	523	127	8.7	8.7	128	128	2.0	2.9	21	14	243	695	938	5557	3954	9161	9161	14718	13115
18	BTIC	--	KZW	524	5	0.4	0.4	6	6	0.0	0.0	0	0	0	0	0	0	0	448	448	448	448

DENSITY STATEMENT FOR THE YEAR 2024-25 (BG)

AMBALA DIVISION				Sec. No.	Route Kms.	AVERAGE DAILY NUMBER OF								NTKM / Route Kms Per Day			Gross Tonne Kms Per Route Kms Per Day					
S.No.	Sections					PassTrainsRun		P.C.V's Run(8Wh)		Goods Trains Run		Wagons Run					Goods'		Passenger		Goods'+Passeger	
						UP	DN	UP	DN	UP	DN	UP	DN	UP	DN	TOTAL	UP	DN	UP	DN	UP	DN
Single Line (Electrified)																						
1	PTK	--	JMKR	701	83	2.2	2.2	35	35	0	0	0	0	0	0	0	0	0	317	317	317	317
2	JMKR	--	BKKPL	702	59	2.2	2.2	35	35	0	0	0	0	0	0	0	0	0	317	317	317	317
3	BJKPL	--	JDNX	703	22	1.4	1.4	19	19	0	0	0	0	0	0	0	0	0	181	181	181	181

AMBALA DIVISION				Sec. No.	Route Kms.	AVERAGE DAILY NUMBER OF								NTKM / Route Kms Per Day			Gross Tonne Kms Per Route Kms Per Day					
S.No.	Sections					PassTrainsRun		P.C.V's Run(8Wh)		Goods Trains Run		Wagons Run					Goods'		Passenger		Goods'+Passeger	
						UP	DN	UP	DN	UP	DN	UP	DN	UP	DN	TOTAL	UP	DN	UP	DN	UP	DN
Single Line (Electrified)																						
1	KLK	--	SML	801	96	6.1	6.1	80	80	0	0	0	0	0	0	0	0	0	774	774	774	774

DENSITY STATEMENT FOR THE YEAR 2024-25 (BG)

DELHI DIVISION				Sec. No.	Route Kms.	Av. Daily train run Pass.+Goods+Mixed		Total GTKM / route kms'/year (in million) Pass.+Goods+Mixed		Av. Net load per km per day in tonnes for the Year Diesel-Electric		Electric	
S.No.	Sections					UP	DN	UP	DN	UP	DN	UP	DN
Double line (Electrified)													
1	TKJ	--	NDLS	101	3	95.6	97.3	80.72	81.41	0	690	0	550
2	SBB	--	DSA	102	7	66.9	76.1	42.14	45.75	8355	6332	14147	19045
3	DSA	--	DLI	103	6	76.0	84.7	27.52	36.58	1201	4690	7866	16953
4	NDLS	--	DLI	104	4	10.5	10.5	2.06	2.06	0	0	2	0
5	PWL	--	TKD	105	40	129.4	104.0	86.22	59.47	5224	11442	83192	18666
6	DKZ	--	SSB	111	8	34.2	37.0	18.75	17.18	1061	4445	15890	8129
7	NDLS	--	SZM	121	3	27.9	27.8	17.85	17.80	19	1	104	1
8	DLI	--	SZM	122	3	20.5	23.4	12.00	12.10	531	2669	19654	11324
9	SZM	--	PNP	123	86	62.4	66.5	46.75	42.55	3459	4542	30192	17306
10	PNP	--	KKDE	124	67	52.8	52.4	42.84	39.02	4186	4460	27907	16920
11	KKDE	--	UMB	125	42	50.3	51.2	45.55	41.87	4092	4830	24750	13560
12	PTNR	--	NDAZ	126	8	5.7	21.9	9.70	15.70	2172	1564	1963	28122
13	GZB		CPYZ	150	4	26.1	27.5	20.86	21.52	7205	40210	33433	10404
14	GZB	--	SBB	151	7	166.7	165.6	106.38	110.25	17668	20324	50554	42867
15	SBB	--	ANVT	152	6	49.3	49.4	23.69	23.70	0	1	0	1
16	SBB	--	NZM	153	17	36.1	35.8	82.95	74.50	13540	15820	36888	31045
17	TKD	--	NZM	154	10	80.2	83.0	69.52	76.59	4622	4931	16950	21582
18	SBB	--	TKJ	155	15	35.6	35.7	27.77	26.89	0	1	0	1
19	PTNR	--	SSB	156	8	13.0	24.5	10.64	16.80	2304	7805	20633	34594
20	TKD	--	OKA	161	6	63.1	69.8	31.26	37.89	2440	15697	1544	37890
21	OKA	--	PTNR	162	20	2.9	16.4	5.12	8.85	1906	4236	3516	20135
22	NZM	--	PTNR	181	19	18.2	16.5	14.70	13.78	4870	12601	17268	10471
23	PTNR	--	DBSI	182	3	5.7	5.9	2.66	2.98	0	299	6	151
24	DBSI	--	DKZ	183	3	20.8	21.0	8.16	8.49	0	302	6	153
25	DLI	--	DKZ	184	3	25.3	25.6	11.80	16.84	1224	2178	8353	8855
26	NDLS	--	DKZ	185	3	18.9	19.0	13.61	13.68	0	10	0	55
27	NZM	--	TKJ	186	5	48.5	50.2	38.89	39.61	0	286	0	932
28	SSB	--	ROK	112	60	54.7	61.3	43.98	35.78	11566	11962	35185	24314
29	GZB	--	MTC	133	47	27.5	29.8	22.06	20.80	4465	866	1943	1677
30	MTC	--	SRE	134	114	28.1	25.1	21.14	17.67	4016	1099	12435	3740
31	DLI	--	GHH	163	41	52.9	54.9	45.86	44.94	16324	15303	27330	32543
32	GHH	--	RE	164	42	36.4	38.7	27.89	35.64	25668	32786	5125	9914
33	ROK	--	JIND	113	57	38.3	39.6	24.23	28.19	14956	8998	24979	17838
34	JIND	--	NRW	114	34	35.7	36.1	32.05	23.70	18774	15610	30864	18640
35	NRW	--	JHL	115	38	31.2	26.2	17.75	15.04	11786	7863	27653	26744
36	JHL	--	BTI	116	98	22.6	29.1	21.74	17.50	13472	7860	25684	11396
37	DSA	--	SMQL	131	88	13.4	14.5	5.85	6.25	2610	87	459	6055
38	SMQL		SRE	132	71	8.0	7.1	2.89	2.70	10	143	3	234
39	GHH		FN	166	12	6.1	6.1	4.96	4.66	2079	1790	4277	9874
40	GHH	--	PTNR	173	33	31.9	34.9	16.50	22.42	4570	11324	2598	7987
45	TPZ	--	LRJ	136	50	8.7	10.0	4.06	6.78	1235	343	4641	1187
Single Line (Electrified)													
41	KKDE	--	NRW	141	87	4.4	5.7	1.18	2.77	127	1327	569	2108
42	PNP	--	JIND	142	70	10.7	11.9	7.79	7.18	4758	5120	10226	5070
43	ROK	--	PNP	143	72	6.9	4.9	5.89	5.37	185	4317	6001	4673
44	RE	--	ROK	165	82	3.6	9.7	5.70	8.50	195	10218	1507	9078

DENSITY STATEMENT FOR THE YEAR 2024-25 (BG)

FIROZPUR DIVISION				Sec. No.	Route Kms.	Av. Daily train run Pass.+Goods+Mixed		Total GTKM / route kms'/year (in million) Pass.+Goods+Mixed		Av. Net load per km per day in tonnes for the Year Diesel-Electric		Electric	
S.No.	Sections					UP	DN	UP	DN	UP	DN	UP	DN
Double line (Electrified)													
1	SNL	--	LDH	211	15	65.7	65.1	33.55	32.73	5791	6585	18438	21470
2	LDH	--	PHR	212	13	61.6	62.0	38.50	36.00	4240	3602	12984	11614
3	PHR	--	PGW	213	22	54.9	54.6	36.16	34.14	3844	1008	11657	7129
4	PGW	--	JRC	214	16	56.6	55.7	39.17	35.68	3844	1708	11040	5291
5	JRC	--	JUC	215	5	43.6	43.5	30.13	33.58	10108	1582	9670	11906
6	JUC	--	BEAS	216	36	28.6	29.1	38.06	37.76	1189	1083	7964	4190
7	BEAS	--	ASR	217	43	27.6	27.9	39.87	36.67	915	612	1194	2270
8	JRC	--	SCPD	221	3	21.2	18.2	12.95	10.33	2273	180	2922	1470
9	JUC	--	SCPD	222	3	5.1	6.1	1.69	5.54	1547	233	870	793
10	SCPD	--	PTKC	223	109	25.7	26.3	15.12	14.33	3527	460	5823	1974
11	CHKB	--	PTK	224	4	4.0	4.1	1.16	1.21	16	34	1	26
12	CHKB	--	BHRL	226	3	23.8	23.8	13.25	11.25	2372	106	3374	1526
13	PTK	--	BHRL	225	3	7.2	7.2	3.59	3.60	10	8	102	97
14	BHRL	--	JAT	227	98	26.0	26.5	14.14	13.03	2570	444	3520	1270
Single Line (Electrified)													
15	SGDN	--	BRML	229	184	6.8	6.8	1.27	1.27	0	0	0	0
16	MCTM	--	SVDK	237	26	7.5	7.5	3.80	3.80	0	0	0	0
17	JAT	--	UP	228	53	12.3	12.3	4.81	4.90	0	0	0	0
18	PHR	--	NRO	261	32	8.5	8.9	1.38	2.12	99	887	124	1031
19	NRO	--	LNK	262	32	4.5	5.0	0.96	1.48	275	166	191	563
20	NRO	--	JUC	263	31	3.8	3.9	0.39	0.74	32	10	29	12
21	VKA	--	BTA	269	31	4.1	4.0	0.57	0.54	103	25	78	70
22	ASR	--	VKA	268	8	8.1	8.0	2.95	2.08	302	81	1016	22
23	BTA	--	PTK	270	68	4.1	4.5	0.82	1.00	262	183	69	324
24	BTA	--	QDN	271	19	0.5	0.5	0.07	0.07	0	0	0	0
25	BEAS	--	TTO	274	49	3.0	4.7	0.98	1.32	533	34	786	1264
26	KEMK	--	ASR	275	77	2.7	3.6	0.43	0.53	87	109	148	166
27	BTI	--	KKP	231	42	16.3	18.6	8.38	8.99	5784	4685	10	12
28	KKP	--	FKA	232	80	7.9	8.5	3.25	2.26	3084	367	0	974
29	KKP	--	FZR	233	45	10.2	11.5	5.95	4.49	4223	972	16	70
30	FZR	--	FKA	234	88	7.4	7.3	1.34	1.60	175	900	0	103
31	ABS	--	FKA	235	43	0.8	0.8	0.26	0.26	0	0	0	0
32	LDH	--	FZR	241	124	15.4	13.3	5.78	8.41	988	4588	989	678
33	JUC	--	LNK	251	52	13.3	11.5	5.46	2.56	891	4170	444	670
34	LNK	--	FZR	252	66	12.0	11.0	5.17	8.82	685	6260	147	870
35	HSX	--	JRC	264	38	7.5	7.5	1.27	1.31	426	334	28	451
36	NSS	--	RHU	265	7	1.7	1.7	0.27	0.27	0	0	0	0
37	JJJ	--	NSS	266	31	1.0	1.0	0.09	0.09	0	0	0	0
38	NSS	--	PGW	267	36	2.3	2.3	0.61	0.62	340	77	18	89
39	VKA	--	DBNK	272	45	1.9	2.3	0.27	0.27	0	170	0	118
40	ASR	--	ATT	273	25	2.6	2.5	0.36	0.58	96	272	0	317
41	FZR	--	HSW	276	6	6.1	6.1	1.46	1.46	0	0	0	0

DENSITY STATEMENT FOR THE YEAR 2024-25 (BG)

LUCKNOW DIVISION				Sec. No.	Route Kms.	Av. Daily train run Pass.+Goods+Mixed		Total GTKM / route kms'/year (in million) Pass.+Goods+Mixed		Av. Net load per km per day in tonnes for the Year Diesel-Electric		Electric	
S.No.	Sections					UP	DN	UP	DN	UP	DN	UP	DN
Double line (Electrified)													
1	ON	--	CNB	317	17	54.5	56.4	53.95	50.29	1678	13976	4597	29569
2	LKO	--	ON	318	54	47.3	53.4	41.36	55.70	970	13960	2890	32668
3	DDU	--	BSB	301	17	56.0	54.1	73.55	48.86	764	274	75954	6780
4	BSB	--	ZBD	302	51	50.8	49.9	64.37	45.09	666	786	98917	15680
5	UTR	--	LKO	305	12	53.3	44.7	52.59	45.17	1891	1130	26768	6575
6	PRYJ	--	PRG	321	7	19.7	17.6	21.43	12.06	2299	545	25670	5867
7	RBL	--	UTR	372	66	23.1	22.1	21.72	14.95	809	1043	15970	3847
8	BBK	--	ML	353	16	61.6	48.4	50.16	51.25	2424	9834	7865	17898
9	ML	--	LKO	354	12	53.2	44.0	41.56	48.58	1862	7156	5816	13525
10	ZBD	--	SLN	303	92	35.1	26.6	42.95	19.24	409	797	58946	14510
11	SLN	--	UTR	304	127	34.6	35.2	39.78	20.62	374	1147	68452	12775
12	UTR		AMG by p	370	17	0.0	0.0	0.00	0.00	0	0	0	0
15	JNH	--	ZBD	312	48	4.7	6.7	1.78	2.18	134	37	432	458
20	PFM	--	PBH	331	47	5.9	4.9	6.63	6.72	407	82	9427	1209
21	PBH	--	CIL	332	4	22.7	20.9	17.20	13.85	1669	1643	15956	5873
22	CIL	--	SLN	333	36	3.5	4.2	4.89	1.99	474	80	1560	986
23	SLN	--	AYC	334	58	3.8	4.2	3.98	1.92	409	62	6555	224
26	ABP	--	AYC	343	61	16.6	14.2	5.51	7.03	69	391	1700	3122
32	DMW	--	DYP	381	25	2.8	2.8	0.49	0.53	0	0	0	0
33	DYP	--	RBL	382	6	10.7	10.8	4.59	2.94	639	189	5151	583
34	DYP	--	UCR	383	22	8.3	7.1	4.78	3.98	1190	304	2503	1786
Single Line (Electrified)													
13	DMW	--	ON	316	81	6.5	6.5	2.38	3.23	227	870	1093	2362
14	PFM	--	JNH	311	47	14.3	11.8	24.47	5.35	399	573	9970	3339
16	ZBD	--	JNU	313	7	15.6	17.1	7.14	7.40	26	160	70	503
17	PFM	--	UCR	314	72	13.4	18.9	7.67	8.85	870	1100	7914	2094
18	UCR	--	DMW	315	31	8.5	7.9	3.56	4.65	188	1069	1411	540
19	PRG	--	PFM	322	6	19.8	19.8	12.19	11.98	0	0	9	0
24	ZBD	--	SHG	341	39	19.4	18.5	20.94	14.95	587	156	27260	826
25	SHG	--	ABP	342	44	19.6	20.8	21.32	14.14	383	205	22226	874
27	ABP	--	TD	351	17	5.5	5.4	11.98	3.99	367	0	31283	20
28	AYC	--	BBK	352	100	10.8	13.4	11.77	14.65	658	1061	1754	3614
29	BSB	--	JNH	361	75	23.5	28.3	22.45	23.98	308	650	22872	6261
30	JNH	--	PBH	362	53	15.1	17.5	11.56	9.09	133	433	12324	1709
31	CIL	--	RBL	371	91	19.8	18.8	16.98	12.07	429	936	11945	3671
35	PRG	--	PYG	391	2	6.3	6.3	2.46	2.46	0	0	0	0

DENSITY STATEMENT FOR THE YEAR 2024-25 (BG)

MORADABAD DIVISION				Sec. No.	Route Kms.	Av. Daily train run Pass.+Goods+Mixed		Total GTKM / route kms'/year (in million) Pass.+Goods+Mixed		Av. Net load per km per day in tonnes for the Year Diesel-Electric		Electric	
S.No.	Sections					UP	DN	UP	DN	UP	DN	UP	DN
Double line (Electrified)													
1	MB	--	NBD	401	98	45.5	33.8	34.78	29.56	1906	6789	28328	22571
2	NBD	--	MZM	402	12	43.4	36.5	35.09	32.78	1728	7643	26745	22970
3	MZM	--	LRJ	403	30	45.7	38.9	34.92	31.53	1729	7643	27534	27890
4	LRJ	--	SRE	404	53	47.1	40.8	38.83	33.45	2373	10294	26980	26444
5	LKO	--	BLM	411	69	72.7	67.1	70.21	65.56	1704	8860	80456	50101
6	BLM	--	ROSA	412	88	66.0	53.4	60.25	54.65	1674	1460	78856	37970
7	ROSA	--	SPN	413	8	66.9	58.2	61.98	52.23	4401	11423	48537	37562
8	SPN	--	BE	414	70	67.7	64.8	61.85	51.65	3806	11917	58431	37592
9	BE	--	MB	415	91	64.7	60.6	54.95	59.98	3708	10187	52460	32954
10	HPU	--	GZB	423	37	45.3	45.9	39.70	42.98	5430	12970	27561	19075
11	MB	--	GJL	421	53	45.3	43.9	42.25	40.08	5734	10986	24650	20670
12	GJL	--	HPU	422	51	41.3	40.1	39.98	38.88	6162	11654	26770	19714
13	LRJ	--	HW	461	28	24.3	24.9	15.95	13.99	318	445	1044	263
26	SCC	--	SPN	453	88	19.6	17.3	8.88	11.85	670	7989	6449	18231
Single Line (Electrified)													
14	KRJ	--	HPU	441	63	11.4	13.6	11.12	6.13	338	824	13859	4340
15	HPU	--	MTC	442	30	9.0	3.8	8.98	2.70	286	447	12008	1920
16	RJK	--	MB	432	25	11.5	10.0	7.02	6.43	25	2279	2560	3049
17	CH	--	BE	472	70	23.4	13.1	13.01	6.96	2429	2418	13206	5093
18	CH	--	RJK	431	19	16.7	12.4	18.70	7.88	4203	2270	15678	8970
19	SHTS	--	RJK	433	23	1.5	1.5	0.10	0.10	0	0	0	0
20	ON	--	BLM	451	100	3.6	4.4	1.03	1.23	324	1680	1111	1009
21	BLM	--	SCC	452	60	1.4	0.9	1.03	0.28	196	0	1512	196
22	HGJ	--	CH	471	78	11.7	9.4	7.57	2.16	2454	48	6902	445
23	NBD	--	KTW	481	24	4.0	4.0	0.66	0.65	0	0	11	13
24	NBD	--	GJL	482	106	4.8	4.8	1.44	1.95	15	137	35	196
25	DDN	--	LRJ	476	6	11.0	11.0	4.70	4.74	1	1	5	63
27	HW	--	RWL	462	11	23.2	23.6	9.64	9.91	222	290	456	459
28	RWL	--	DDN	463	40	15.0	15.1	6.99	7.89	10	12	25	38
29	RWL	--	VRH	464	6	10.3	10.3	4.59	4.87	310	315	806	459
30	VRH	--	RKSH	465	6	5.2	5.2	2.10	1.90	190	5	600	54
31	VRH	--	YNRK	466	6	1.5	1.5	0.74	0.54	92	0	377	0

DENSITY STATEMENT FOR THE YEAR 2024-25 (BG)

AMBALA DIVISION				Sec. No.	Route Kms.	Av. Daily train run Pass.+Goods+Mixed		Total GTKM / route kms'/year (in million) Pass.+Goods+Mixed		Av. Net load per km per day in tonnes for the Year Diesel-Electric		Electric	
S.No.	Sections					UP	DN	UP	DN	UP	DN	UP	DN
Double line (Electrified)													
1	SRE	--	UMB	501	82	64.0	56.0	55.85	52.88	970	3861	19583	15954
2	UMB	--	RPJ	502	28	82.3	74.5	68.98	69.98	4270	9982	41864	32330
3	RPJ	--	SIR	503	25	73.4	60.0	65.53	64.58	4275	5560	40983	27614
4	SIR	--	SNL	504	48	54.4	54.5	66.35	65.65	3100	5856	18970	22456
5	UMB	--	KLK	531	70	22.6	22.0	15.05	13.88	329	35	2381	1176
Single Line (Electrified)													
6	SIR	--	NLDM	532	104	10.9	10.3	6.40	5.98	1071	870	8655	2229
7	NLDM	--	UNA	533	17	0.01	0.01	0.02	0.01	4	0	5	0
8	CHD	--	MRND	534	45	2.4	3.4	1.57	1.35	146	80	435	1050
9	HSR	--	JHL	511	82	7.3	10.5	7.05	5.82	2816	2634	2355	5767
10	DUI	--	LDH	513	61	14.3	14.4	8.89	7.61	2823	1915	4344	575
11	UHL	--	AMB	535	43	2.4	2.4	2.08	2.98	0	0	0	0
15	DUI	--	BTI	522	96	17.9	10.1	10.89	6.02	3647	926	12330	3678
13	JHL	--	DUI	512	67	15.3	19.3	9.99	11.19	1170	3399	7815	10317
14	RPJ	--	DUI	521	78	23.2	13.1	15.02	7.91	3563	2621	16033	6834
15	UHL-	--	DLPC	535	43	2.4	2.4	0.81	0.80	4	0	7	0
16	MRND	--	LDH	536	72	1.5	4.0	0.33	2.09	137	786	470	2065
17	BTI	--	SGNR	523	127	10.7	11.7	8.89	6.98	324	2045	132	601
18	BTIC	--	KZW	524	5	0.4	0.4	0.16	0.16	0	0	0	0

DENSITY STATEMENT FOR THE YEAR 2024-25 (BG)

AMBALA DIVISION				Sec. No.	Route Kms.	Av. Daily train run Pass.+Goods+Mixed		Total GTKM / route kms'/year (in million) Pass.+Goods+Mixed		Av. Net load per km per day in tonnes for the Year Diesel-Electric		Av. Net load per km per day in tonnes for the Year Electric	
S.No.	Sections					UP	DN	UP	DN	UP	DN	UP	DN
Single Line (Electrified)													
1	PTK	--	JMKR	701	83	2	2	0.12	0.12	0	0	0	0
2	JMKR	--	BKKPL	702	59	2	2	0.12	0.12	0	0	0	0
3	BJKPL	--	JDNX	703	22	1	1	0.07	0.07	0	0	0	0

AMBALA DIVISION				Sec. No.	Route Kms.	Av. Daily train run Pass.+Goods+Mixed		Total GTKM / route kms'/year (in million) Pass.+Goods+Mixed		Av. Net load per km per day in tonnes for the Year Diesel-Electric		Av. Net load per km per day in tonnes for the Year Electric	
S.No.	Sections					UP	DN	UP	DN	UP	DN	UP	DN
Single Line (Electrified)													
1	KLK	--	SML	801	96	6	6	0.32	0.32	0	0	0	0

रेलवे सांख्यिकी में उपयोग की जाने वाली सामान्य शर्तों की शब्दावली

1. **पूंजी परिव्यय-** संबंधित अवधि के दौरान ठोस मूर्त-परिसंपत्ती को बढाने की द्रष्टि से किया गया पूंजी खर्च।

2. **पारगामी यातायात-** ऐसा सभी यातायात जो रिपोर्ट भेजने वाली रेलवे पर अथवा आमान के जिस खंड की विवरणी तैयार की जा रही है उस पर न तो शुरू होता हैं और न ही वहां खत्म होता है।

3. **घनत्व** – रेल-मार्ग पर किन्हीं दो स्थानों के बीच होने वाले यातायात का परिमाण। यह प्रति चालू रेलपथ किलोमीटर या मार्ग किलोमीटर यात्री किलोमीटरों अथवा शुद्ध टन किलोमीटरों और गाडी किलोमीटरों मे व्यक्त किया जाता है।

4. **इंजन किलोमीटर -** इंजन द्वारा अपनी शक्ति से तय की गई एक किलोमीटर की दूरी ही इंजन किलोमीटर है।

5. **रेलवे की निधि** – वे मुख्य प्रमुख शीर्षक जिनके तहत रेलवे के लिए निधि प्राप्त की जाती हैं निम्नलिखित है -

   क) **मूल्य ह्रास रिजर्व निधि** – यह निधि नई संपत्तियों की लागत पर पूंजी लगाने और पुरानी संपत्तियों को बदलने एवं जब आवश्यक हो किसी संशोधित विशिष्टि की लागत सहित ऐसी नई संपत्तियों को लेने के लिए नियत की गई है। यह निधि 1 अप्रैल, 1924 से शुरू की गई थी।

   ख) **पेंशन निधि** – यह निधि पेंशन के भुगतान, परिवार पेंशन और मृत्यु एवम् सेवानिवृति उपदान पर होने वाले खर्चो को पूरा करने के लिए तैयार की गई है। यह निधि 1 अप्रैल 1964 से लागू होने के लिए तैयार की गई थी।

   ग) **पूंजी निधि** - 1992-93 में तैयार की गई थी, इस निधि का उपयोग ठेका भाड़ा प्रभार के मुख्य तत्व का भुगतान करने के साथ-साथ पूंजी प्रवर्ति वाले कार्यों पर पूँजी बाटने के लिए किया जाता है।

   घ) **विकास निधि** – यह निधि रेल परिवहन, कर्मचारी कल्याण, किसी विशेष वित्तीय सीमा के अतिरिक्त अलाभकारी परिचालन संशोधन वर्क्स एवम् सुरक्षा कार्यों के उपयोगकर्ताओं के लिए सुख-सुविधाओं पर होने वाले खर्चो को पूरा करने के लिए तैयार की गई है । यह निधि 1 अप्रैल 1950 से लागू होने के लिए तैयार की गई थी।

   ड) **कर्ज चुकौती निधि -** 2013-14 में कर्ज चुकौती निधि जेआईसीए, विश्व बैंक से लोन के संबंध में भावी कर्ज चुकौती करारों को मुहैया कराने एवम् वेतन आयोग के भावी निष्पदान के एकमात्र उद्देश्य के साथ तैयार की गई थी। यह निधि लोक लेखा के ब्याज वाले सेक्शन मे तैयार की गई थी। पूंजी निधि और विकास निधि की अनिवार्य आवश्यकताओं को पूरा करने के बाद, इस निधि का विनियोजन 'शुद्ध राजस्व आय' से किया गया है।

   च) **रेल सुरक्षा निधि -** रेल सुरक्षा निधि 01.04.2001 से लागू होने के लिए तैयार की गई है। यह निधि मानव-रहित लेवल क्रोसिंग मे सुधार से संबंधित कार्यों एवम् व्यस्त लेवल क्रोसिंग पर पुल के ऊपर/नीचे सडक के निर्माण पर पूंजी लगाने के लिए तैयार की गई है। बहराल, विलंबित अन्य अवसंरचना से संबंधित खर्चे भी इस निधि से व्यय किये जाने के लिए अनुमत किये गए है। यह निधि मुख्य रूप से केंद्र सड़क निधि से केंद्र सरकार को निधि के हस्तांतरण द्वारा वित्त प्रबंधित की जाती है। इसके अलावा, रेलवे राजस्व आय से भी राशि विनियोजित की जा सकती है।

   छ) **राष्ट्रीय रेल संरक्षा कोष -** 2017-18 में तैयार किया गया था, यह रेल कार्य से संबंधित सुरक्षा पर किए जाने वाले पूँजी खर्च को पूरा करने के लिए समर्पित निधि है जिसमे समयबद्ध प्रणाली मे रेल संपत्ति का नवीनीकरण और

प्रतिस्थापन शामिल है। यह निधि रेलवे के आंतरिक स्त्रोतों के अलावा, सामान्य राजकोष द्वारा मुहैया कराए जाने वाले बजट सहायता से भी वित्त प्रबंधित की जा सकती है।

6. **सकल टन किलोमीटर (इंजन के वजन को छोड़कर)** – कार्य-माप का यूनिट जो माल सहित एक टन वजन वाले वाहन/वैगन, जिसमें यूनिट का वजन शामिल नहीं है, द्वारा तय की गई एक किलोमीटर दूरी के बराबर है।

7. **सकल टन किलोमीटर (इंजन के वजन सहित) -** कार्य-माप का यूनिट जो वाहन, माल और मोटिव यूनिट के वजन सहित १ टन वजन द्वारा एक किलोमीटर तय की गई दूरी के बराबर है।

8. **किलोमीटर दुरी-**

   क) **मार्ग किलोमीटर दुरी** - रेलवे के, जिसमें उसकी चालित लाइनें भी शामिल हैं, अपने प्रत्येक आमान की दूरी जिसे इकहरी लाइन माना गया है।

   ख) **चालू रेलपथ किलोमीटर दुरी -** मार्ग किलोमीटर और बहुसंख्यक रेलपथों की अतिरिक्त दूरी अर्थात् दुहरे, तिहरे, आदि रेलपथों को दो या तीन अथवा अधिक रेलपथ माना जायेगा किंतु इसमें साइडिंग, यार्ड और स्टेशन पर क्रॉसिंग का रेल-पथ शामिल नहीं होगा।

   ग) **कुल रेलपथ किलोमीटर दुरी** – एक रेलवे के प्रत्येक आमान की दूरी जिसमें दुहरे, तिहरे, आदि रेलपथों के साथ ही साइडिंगो, यार्डो और स्टेशन पर क्रॉसिंग के रेल-पथ के कारण इसकी चालित लाइनें जिन्हें इकहरी लाइन एवं अतरिक्त दुरी के रूप मे माना गया है।

   घ) **समीकृत रेलपथ किलोमीटर** – रेलपथ की किलोमीटर दुरी जिसे यातायात के घनत्व, ढाल, भूमि की बनावट, संरेखण (वक्र), वर्षा और रेल पथ के जोड़ तथा अभिन्यासो (लेआउट) के कारकों को महत्व देते हुए एक मानक यूनिट मे समीकृत किया गया हो।

   ड) **माध्य किलोमीटर दुरी -** मार्ग किलोमीटर की परिभाषा के अनुसार मालूम की गई रेलवे की लम्बाई, जिसमे संबधित अवधि के दौरान किलोमीटर दुरी में होने वाले परिवर्तनों के लिए छूट है। इस प्रकार किसी वर्ष मे तय की जाने वाली माध्य किलोमीटर दुरी, जिसमें उस वर्ष के दौरान कोई वृद्धि/समापन किया गया हो, नीचे दिए अनुसार होगी : -

   i) वर्ष के शुरुआत में रेल-मार्ग की किलोमीटर दुरी (धन/ऋण);

   ii) (ऐसे दिनों की संख्या जब वर्ष के दौरान नया खंड/बंद होने वाला खंड इस्तेमाल में रहा) को (नए खंड अथवा बंद किए गए खंड की लंबाई) से गुणा करके और उसे (वर्ष में दिनों की संख्या) भाग दिया जाता है ।

9. **शुद्ध राजस्व :** सकल अर्जन और संचालन व्यय एवं अन्य विविध शुद्ध व्ययों के बीच का अंतर ।

10. **शुद्ध टन किलोमीटर :** माल यातायात के माप का यूनिट जो एक टन माल (जिसमें किसी भी किस्म की पैकिंग का वजन शामिल है किंतु परिवहन के लिए इस्तेमाल किए गए वाहन का वजन शामिल नहीं है) की 1 किलोमीटर ढुलाई का द्योतक है।

11. **व्यवसाय अनुपात**: व्यवसाय अनुपात कोचों की ढुलाई क्षमता की उपयोगिता का अनुपात है। यह उच्च एवं निम्न वर्ग समायोजन के लिए अलग से निर्धारित किया जाता है। इस सूचकांक की प्रति कोच औसत ढुलाई क्षमता के साथ तुलना की जाती है और यह कोचों में कम भीड अथवा ज्यादा भीड को निर्दिष्ट करेगा ।

12. **परिचालन अनुमात:** संचालन व्यय (जिसमें उचंत शामिल नहीं है लेकिन पेंशन निधि एवं मूल्यहास आरक्षित निधि में विनियोजित रकम शामिल है) का सकल अर्जन से अनुपात।

13. **ढोए गए यात्री:** का आशय है होम लाइन के प्रत्येक आमान पर शुरू होने वाले यात्रियों की संख्या और किसी अन्य रेलवे से अथवा होम लाइन के किसी भिन्न भिन्न लाइन से आमान पर आने वाले यात्रियों की संख्या, एवं उस आमान से गुजरने वाले यात्रियों की संख्या।

14. **यात्री किलोमीटर:** यात्री यातायात को मापने का यूनिट जो एक यात्री की 1 किलोमीटर ढुलाई के बराबर है ।

15. **चल स्टॉक:** खींचने और परिवहन के काम आने वाले सभी रेल वाहन, जिसमें चल क्रेन भी शामिल है ।

16. **सीट किलोमीटर:** यात्री वाहन की वहन क्षमता को मापने का यूनिट, जो कि सवारी डिब्बे अथवा मोटर वाहन में उपलब्ध एक सीट की 1 किलोमीटर गमन दूरी के बराबर है ।

17. **ढोया गया टन भार:** यह होम लाइन के प्रत्येक आमान पर प्रारंभ होने वाले माल यातायात की मात्रा तथा दूसरी रेलों के आमानों अथवा होम लाइन की विभिन्न आमानों से प्राप्त माल यातायात की मात्रा और उस रेलवे/आमानों से गुजरने वाले माल की मात्रा का द्योतक है।

18. **प्रारंभिक टन:** इसमें प्रत्येक आमान पर प्रारंभ होने वाले समस्त यातायात के टन शामिल है, चाहे वह उसी आमान पर समाप्त होता है चाहे स्वक्षेत्रीय लाइन के किसी दूसरे आमान पर अथवा किसी दूसरी रेलवे पर।

19. **समापक टन:** इसमें एक आमान पर समाप्त होने वाले समस्त यातायात के टन शामिल है, चाहे वे स्वक्षेत्रीय लाइन से प्रारंभ हुए हो अथवा अन्य रेलों से ।

20. **गाडी इंजन घंटे:** इसके अंतर्गत उतने घंटे दिखाए जाएंगे, जितने घंटे कि इंजन गाडियों में लगे रहे, प्रत्येक मामले में इन घंटों की गणना इंजन के साथ रवाना होने के समय से उस स्टेशन पर पहुंचने के समय तक की जाएगी जिस स्टेशन पर कि गाडी के साथ ही इंजन की यात्रा भी ख़त्म हो जाती है।

21. **मालडिब्बे का लदान आवर्तन:** किसी मालडिब्बे के दो क्रमिक लदानों के बीच की समय का अंतराल ।

22. **संचालन व्यय:** यातायात के लिए खोली गई लाइनों के प्रशासन, परिचालन, अनुरक्षण और मरम्मत के संबंध में किया गया खर्च । इसमें प्रतिस्थापना और नवीकरण की लागत पूरी करने के लिए पेंशन निधि में विनियोजन और मुल्यहास आरक्षित निधि में किया गया अंशदान भी शामिल है ।

    (क) सकल संचालन व्यय: किसी लेखा अवधि में उचित व्यय, वस्तुतः चुकाया गया हो अथवा नहीं।

    (ख) सामान्य संचालन व्यय: मुल्यहास आरक्षित निधि एवं पेंशन निधि के विनियोजन को छोडकर, मुख्य शीर्ष के अंतर्गत बुक किए गए व्यय ।

GLOSSARY OF COMMON TERMS USED IN RAILWAY STATISTICS

1. **Capital Outlay –** Expenditure of capital nature incurred during the period with the object of increasing concrete assets of a material character.

2. **Cross traffic –** All traffic which neither originates nor terminates on the reporting Railway or on the same section of a gauge for which the return is being prepared.

3. **Density –** The volume of traffic moving between any two points on the Railway system. It is expressed in terms of passenger kilometers or net tonne kilometres and train kilometres per running track kilometer or route kilometer.

4. **Engine Kilometre –** is the movement of an engine, under its own power, over a distance of one kilometer.

5. **Funds of Railways –** The principal heads under which the funds of Railway are furnished are-

   a) **Depreciation Reserve Fund –** The fund intended to finance the cost of new assets and replacements of old assets as and when needed including the cost of any improved features that such new assets may have. This fund was instituted from 1st April, 1924.

   b) **Pension Fund –** The fund created to meet the expenses on payment of pension, family pension and death-cum-retirement gratuity. This fund created w.e.f. 1st April, 1964.

   c) **Capital Fund –** Created in 1992-93, this fund is used to part finance the works of capital nature including payment of principle component of lease hire charges.

   d) **Development Fund –** The fund created to meet the expenditure on amenities for the users of Railway transport, staff welfare, un-remunerative operating improvements works beyond certain financial limits and safety works. This fund was created w.e.f. 1st April, 1950.

   e) **Debt Service Fund –** was created in 2013-14 with the sole purpose of providing for future debt service obligations in respect of loans from JICA, World Bank and for future implementation of Pay Commissions. This Fund has been created in the interest bearing section of Public Account. Appropriation to this Fund is made from the 'Net Revenue', after meeting the mandatory requirements of Capital Fund and Development Fund.

   f) **Railway Safety Fund –** has been created with effect from 01.04.2001. This Fund was created for financing works relating to conversion of unmanned level crossings and for construction of road over/under bridges at busy level crossings. However, of late other infrastructure related expenditure have also been allowed to be incurred from this fund. The Fund is financed mainly through transfer of funds by the Central Government from the Central Road Fund. Apart from this, amounts can also be appropriated out of Railway revenues.

   g) **Rashtriya Rail Sanraksha Kosh –** Created in 2017-18, this is a dedicated fund for meeting capital expenditure on safety related Railway works including renewal and replacement of Railway assets in a time bound manner. The fund is to be financed from budgetary support provided by the General exchequer besides the internal resources of the Railway.

6. **Gross Tonne Kilometer (excluding weight of engine) –** Unit of measure of work which corresponds to the movement over a distance of one kilometer of one tonne of vehicle/wagon and contents excluding the weight of the motive unit.

7. **Gross Tonne Kilometer (including weight of engine) –** Unit of measure of work which corresponds to the movement over a distance of one kilometer of one tonne of vehicle/wagon and contents including the weight of the motive unit.

8. **Kilometrage-**

   a) Route Kilometrage – The distance of each gauge owned by a Railway including its worked lines treated as a single line.

   b) Running track kilometrage – Route kilometrage plus extra distance of multiple tracks i.e. double, treble, etc., treated as two, three or more tracks but shall exclude the track in sidings, yards and crossings at stations.

   c) Total track kilometrage – Distance of each gauge owned by a Railway including its worked lines treated as single line and the extra distance due to double, treble, etc. tracks, as also the length of sidings, yards and crossing at stations.

   d) Equated track kilometrage – Kilometrage of track equated to a standard unit by giving weightage for factors of traffic density, gradient, formation of soil, alignment (curves), rainfall and track connections and layouts.

   e) Mean kilometrage – The length of the Railway track, calculated according to the definition of route kilometrage, allowing for changes in the kilometrage during the period covered. Thus, the mean kilometrage worked during a year which has had an addition/closing during the year, will be as follows:-

   i) Route kilometrage at the commencement of a year (plus/minus);

   ii) (Number of days the new section/section closed was in use during the year) multiplied by (the length of the new section/section closed) and divided by (the number of days in the year).

9. **Net Revenue –** The difference between Gross earnings and the Working Expenses and other Net Miscellaneous Expenditure.

10. **Net tonne kilometer –** Unit of measure of goods traffic which represents the transport of one tonne of goods (including the weight of any packing, but excluding the weight of the vehicle used for transport) over a distance of one kilometer.

11. **Occupation ratio –** is the ratio utilizing carrying capacity of the coaches. This is worked out separately for upper and lower class accommodation. This index is compared with the average carrying capacity per coach and would denote under-crowding or over-crowding in the coaches.

12. **Operating Ratio –** The ratio of Working Expenses (excluding Suspense but including Appropriation to Depreciation Reserve Fund and Pension Fund) to Gross Earnings.

13. **Passenger carried –** refers to the number of passengers originating on each gauge of the home line, as well as the number of passengers received on the gauge from other Railway, or from a different gauge of home line and also those crossing the gauge.

14. **Passenger kilometer –** Unit of measure of passenger traffic corresponding to the conveyance of a passenger over a distance of one kilometer.

15. **Rolling Stock –** All Railway tractive and transport vehicles, including travelling cranes.

16. **Seat Kilometre –** Unit of measure of the carrying capacity of a passenger vehicle which is equivalent to the movement of one seat available in a coach or motor vehicle over a distance of one kilometer.

17. **Tonnes Carried –** This represents the quantum of goods originating on each gauge of the home line, as well as the quantum of goods received on the gauge from other Railways or from different gauges of the home line and also those crossing the Railway/gauge.

18. **Tonne Originating** – includes tonnes of all traffic originating on each gauge, whether it terminates on the gauge itself or on some other gauge of the home line, or on other Railways.

19. **Tonnes Terminating –** includes tonnes of all the traffic terminating on the gauge whether they originated on the home line or on other Railways.

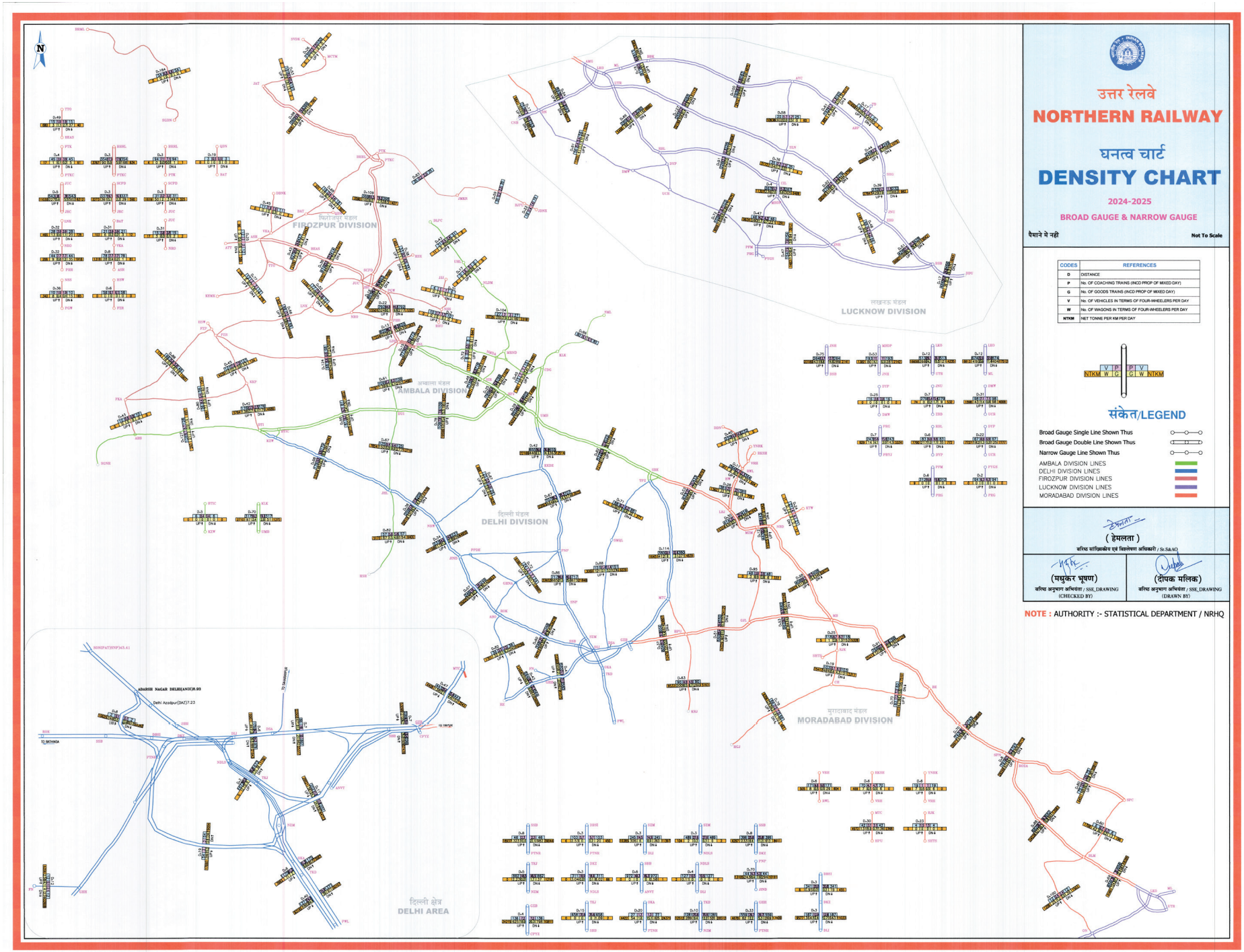
20. **Train Engine Hours –** are to show the hours during which engines are employed on trains, counting in each case from the time the engine starts with the train, until it reaches the station at which the engine terminates its run with the train.

21. **Turn Round of a Wagon –** The interval of time between two successive loadings of a wagon.

22. **Working expenses –** Expenditure incurred in connection with the administration, operation, maintenance and repairs of lines opened for traffic. This also includes Appropriation to Pension Fund and the contribution made to the Depreciation Reserve Fund to meet the cost of replacements and renewals.

    a) **Gross Working expenses –** True expenses in an accounting period whether or not actually disbursed.

    b) **Ordinary working expenses –** Expenses booked under final heads, excluding Appropriation to Depreciation Reserve Fund and Pension Fund.


उत्तर रेलवे
NORTHERN RAILWAY
घनत्व चार्ट
DENSITY CHART
2024-2025
BROAD GAUGE & NARROW GAUGE
पैमाने मे नही
Not To Scale
CODES
REFERENCES
D DISTANCE
P No. OF COACHING TRAINS (INCD PROP OF MIXED DAY)
G No. OF GOODS TRAINS (INCD PROP OF MIXED DAY)
V No. OF VEHICLES IN TERMS OF FOUR-WHEELERS PER DAY
W No. OF WAGONS IN TERMS OF FOUR-WHEELERS PER DAY
NTKM NET TONNE PER KM PER DAY
V P P V
NTKM W G G W NTKM
संकेत/LEGEND
Broad Gauge Single Line Shown Thus
Broad Gauge Double Line Shown Thus
Narrow Gauge Line Shown Thus
AMBALA DIVISION LINES
DELHI DIVISION LINES
FIROZPUR DIVISION LINES
LUCKNOW DIVISION LINES
MORADABAD DIVISION LINES
(हेमलता)
वरिष्ठ सांख्यिकीय एवं विश्लेषण अधिकारी / Sr.S&AO
(मधुकर भूषण)
वरिष्ठ अनुभाग अधिकारी / SSE_DRAWING
(CHECKED BY)
(दीपक मलिक)
वरिष्ठ अनुभाग अधिकारी / SSE_DRAWING
(DRAWN BY)
NOTE : AUTHORITY :- STATISTICAL DEPARTMENT / NRHQ
फिरोजपुर मंडल
FIROZPUR DIVISION
अम्बाला मंडल
AMBALA DIVISION
दिल्ली मंडल
DELHI DIVISION
लखनऊ मंडल
LUCKNOW DIVISION
मुरादाबाद मंडल
MORADABAD DIVISION
दिल्ली क्षेत्र
DELHI AREA