

NORTHERN RAILWAY / LUCKNOW DIVISION

752E/2-1/JE-Sig/Selection/PQ-2022

Date. 28. 08.25

NOTIFICATION No.01 JE/Sig 40 % PQ/2025/ (LKO/Division)

SELECTION FOR PROMOTION TO THE POST OF JE/SIG IN PAY LEVEL-6, AGAINST 40% PROMOTE QUOTA IN SIGNAL AND TELECOM DEPARTMENT OF LUCKNOW DIVISION.

1. It has been decided to hold a selection for filling up 10 vacancies for the post of JE/Sig in Level-6 against 40% Promote quota, in Signal and Telecom Department of Lucknow Division. Bifurcation of vacancies is as under: -

UR	SC	ST	Total	PwBD (in terms of Railway Board's letter no. E(NG)n/2017/RC-2/1 Policy dt. 27.02.2019)
08	01	01	10	Nil.

2. **Eligibility and Service conditions:**

(i) The list of senior most eligible staff working as (MCM /Sig or Sr.Tech/Sig) of Signal and Telecom department of LKO division in Pay Level – 6 and who are in the zone of consideration in 1:3 ratio based on their seniority, is enclosed as **Annexure-I**.

(ii) A stand-by list of next senior employees is also enclosed as **Annexure-II**. Employees of this stand-by list will be included in the main list enabling them to appear for the written examination only in case of an employee/employees in the main list (**Annexure-I**) has/have expressed its unconditional unwillingness to appear for the selection on Performa attached (**Annexure-III**) and forwarded to this office on or before **07.09.25** along with objection of any employee against the seniority, if any.

3. **Syllabus:** A syllabus for the above selection is attached as **Annexure-IV**. This is a common syllabus for the post as approved by the concerned PHOD and is applicable for all Divisions/Units over Northern Railway.

4. **Procedure for written examination;**

(i) The written examination will be conducted by Railway Recruitment Cell (RRC), Northern Railway through an Examination Conducting Agency to be provided by Railway Recruitment Board (RRB).

(ii) The written examination will be a Computer Based Test (CBT)/ Tablet Based Test (TBT) where there will be no physical question paper. All the questions will appear on the computer/tablet and the employee will have to mark their responses/ answers to the questions on computer/tablet.

(iii) RRC/NR will be issuing a formal admit card online (through the website <https://rrcnr.org>) to each and every eligible and willing employee for appearing in the CBT/TBT. Examination

Handwritten signature and date:
28/08/2025

Venue and time of reporting for the written examination will be there in the admit card.

iv)As no physical communication will be made after issue of this vacancy notice, it will be the responsibility of the concerned employees to regularly visit RRC/NR's website as well as this Division's website for an update and to download the admit card as and when made available by RRC. Further, no supplementary/absentee examination shall be conducted on this ground.

v)A link will also be made available on the above website (<https://rrcnr.org>) to the employees, explaining as to how the question will be appearing and how to mark the responses/ answers in the actual examination. Employees can practice through that link any number of times.

vi)Both physical and biometric attendance will be marked at the examination venue.

vii)100% questions will be objective type multiple choice questions.

viii)There will not be any negative marking.

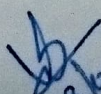
ix)There shall be questions in Official Language Policy and Rules upto 10% of marks. However, it is not mandatory to attend the same.

x)There will be 110 questions of objective multiple choice type with four answer options and the candidate has to answer a maximum of 100 questions. In case the candidate answers more than 100 questions, first 100 attempted questions are to be taken for evaluation.

xi)The written examination will be of 02 (two) hours duration. There will be computerized evaluation.

5) Notifying to the employees:

The Senior Subordinate/ Supervisor concerned has to furnish a certificate that "the eligible employees have been duly notified of the holding of the written examination and asked to submit their applications duly giving their willingness. They have also been informed about availability of any further information on RRC/NR's website (<https://rrcnr.org>) regarding availability of admit card and link for demo test." Such certificates should be forwarded to Personnel Branch addressed to Sr.DPO/NR/LKO. It will be the personal responsibility of the Senior Subordinate/ Supervisor to complete the formality in this respect. It is further advised that any other communication received in respect to the selection should invariably be intimated to all the eligible employees. In case of non – receipt of any communication the same may be obtained from the Personnel department or from the controlling officer. **Any laxity in this regard will be viewed seriously as it will adversely impact the above selection which is being conducted simultaneously for all divisions /units over Northern Railway.** The unwillingness, if any received from the employees is to be forwarded to Personnel Branch addressed to Sr.DPO on or before **07.09.25**-


28/09/2018

6-Tentative Schedule for holding the Selection:

Activity number	Details of activity	Tentative date
PART-A		
1	Issue of notification along with main and stand-by eligibility list	28.08.25
2	Submission of certificate by concerned department along with list of unwilling employees	07.09.25
3	Conducting pre-examination training	03.10.25
PART-B		
4	1 Online issue of admit card & providing link for practice.	E (the day when admit card will be issued)
5	Conduct of written examination	E+3
6	Uploading of model answer key and activating objection tracker	E+4
7	Objection tracker will be available upto	E+11
8	Uploading of final answer key	E+14
9	Availability of result of written examination from RRC/NR to the indenting units	E+16
10	Finalising proceedings of Selection Board/Committee at Divisional/Unit level	E+19
11	Issue of panel	E+20

7.Websites to be visited regularly for any update.

RRC/NR's website: - <https://rrcnr.org>

DA: as above ■

(Vijay Kumar Sonker)
Asst. Personnel Officer

For Divl. Railway Manager(P),NR/LKO

Circulation:

- As per standard list
- All CS&WLIs/Lucknow Division: To handover a copy of this Notification to the employees appearing in Annexure-I & II under written acknowledgement
- Ch.OS/OS, Confidential Cell, Lucknow Division
- Divisional Secretary/ NRMU, URMU, SCSTREA & OBCREA
- Control Office, Lucknow Division
- RRC/NR's website (<https://rrcnr.org>)
- Division's NR's website.

List of eligible employees (MCM/Sig) for selection to the post of JE /Sig against 40% PQ vacancies -

Annexure-I

S n.	Name (S/Sh)	Fathers Name(S/Sh)	Com.	Station.	Remark
1	Telespher Tirkey	Zachrias Tirkey	ST	RRI/BSB	as UR
2	Kaloo Ram Meena	Rameshwer Meena	ST	RBL	as UR
3	Bhagwati Singh Yadav	F B Singh Yadav	UR	SLN	
4	Ram Lakhan	Ram Gopal	UR	RBL	
5	Rajendra Kumar	K N Saxena	UR	LKO/P	
6	Shailendra Srivastava	Harish Kr Srivastava	UR	LKO/P	
7	Rajdhari	Khargoo Ram	UR	LKO/P	
8	Piyush Chandra Gupta	R C Gupta	UR	LKO/P	
9	Sandeep Kumar Gupta	Manohar Lal Gupta	UR	RRI/LKO	
10	Pawan Kumar	Ram Asrey	SC	RBL	as UR
11	Ajai Kumar	LaxmiShankar	UR	SLN	
12	Jangal Singh Munda	Charan Singh Munda	ST	SLN	as UR
13	Vikas Kapoor	H K Kapoor	UR	RRI/BSB	
14	Tasveer Ahmad Kidwai	Z A Kidwai	UR	SLN	
15	Virendra Yadav	Bashisth Singh	UR	LKO-II	
16	Sunil Kumar Singh	Virendra Singh	UR	RRI-BSB	
17	Manoj Kumar Singh	Ramashanker Singh	UR	BSB	
18	Ashutosh Kumar	Ram Ashish Prasad	UR	SLN	
19	Manoj Kumar Tiwari	S K Tiwari	UR	W/BSB	
20	Rajneesh Pal	Ram Baran Pal	UR	RRI/BSB	
21	Ashok Kumar Rai	Pushpendra nath Rai	UR	RRI/BSB	
22	Sanjeet Kumar	Jagdish Singh	UR	RRI/LKO	
23	Ram Pujan Rajak	Phirtoo Ram	SC	RRI/LKO	as UR
24	Virendra Kumar Yadav	Sankata Prasad	UR	PBH	
25	Satyendra Kr Saroj	Muneshwer	SC	PBH	
26	Dhanjay Kumar	Ram Ashrey Ram	SC	BSB	
27	Umesh Kumar Ranjan	Ashok Kumar	SC	RH-6/LKO	
28	Junul Aiend	Royan Aiend	ST	W/BSB	
29	Anil Kumar Toppo	Om Prakash Oraon	ST	PBH	
30	Dale Oraon	Birsa Oraon	ST	SLN	

29/08/2025

Annexure-II

List of stand by employees (MCM/Sig) for selection to the post of JE /Sig against 40% PQ vacancies-

S No	Name (S/Sh)	Father's Name	Comm.	Stn.	Remark
1	Dharam Raj	Ram Saran Yadav	UR	LKO-II	
2	Shashank Singh	Gopal Singh	UR	RRI/LKO	
3	Prashant Singh	Jagpal Singh	UR	RRI/LKO	
4	Sant Ram	Banwari	UR	SLN	
5	Vipin Pandey	B N Pandey	UR	RRI/LKO	
6	Shankar Kumar Mishra	Sudarshan Mishra	UR	LKO-II	
7	Shankar Prasad Yadav	B D Prasad Yadav	UR	RH-5/BSB	
8	Ravi Prakash Srivastav	La Chandra Srivastava	UR	RRI/LKO	
9	Yashwant Kumar Yadav	Budh Ram Ram	UR	RRI-BSB	
10	Anand Kumar	Lt. Shri Ram	UR	RRI-BSB	
11	Ravi Kumar Sharma	Phool Chand	UR	RRI/BSB	
12	Rahul Pandey	Pradeep Pandey	UR	LKO-P	
13	Rana Kumar Pandey	Krishna Nand Pandey	UR	PC/BSB	
14	Nishchal Yadav	Om Prakash Yadav	UR	PC/LKO	
15	Abhishek Singh	A P Singh	UR	RH-4/LKO	
16	Dinesh Kumar Yadav	Heera lal	UR	JNH	
17	Ravindra Singh	Heera Lal	UR	RRI-LKO	
18	Rakesh Kr. Pal	Shatrohan Lal	UR	LKO/Control	
19	Santosh Kr Gupta	K P Gupta	UR	RBL	
20	Sumit Kr Nag	Ashok Kr Nag	UR	SLN	
21	Sanjay Kumar	Lt Viswanath	SC	RRI/LKO	As UR
22	Shubranshu Maurya	Satyedra Kr Maurya	UR	W/BSB	
23	Dheeraj Kumar Nigam	Kamlesh Kr Nigam	UR	LKO-II	
24	Shashikant Prasad	Virendra Prasad	UR	W/BSB	
25	Ram Kumar Verma	Mahesh Kumar	SC	CPB	
26	Dinesh Kumar	Daya Ram	SC	SLN	
27	V K Kanojia	Kripa Shanker	SC	LKO	
28	Ashish Kumar	Rama Oraon	ST	LKO-II	
29	Shatrughan Singh	Narain Singh	ST	PRG	
30	Ravi Prakash Meena	H S Meena	ST	LKO-II	

Note- It is to be clearly understood that inclusion in the Stand-By List does not confer any right or eligibility to appear in the examination. Staff members placed on the Stand-By List cannot claim entitlement to participate or appear in the CBT examination.

28/06/2021

Annexure-III.

Divisional Railway Manager (P)
Lucknow, Northern Railway

Sub: Regarding unwillingness & Willingness to take part in selection process of JE/Sig/PQ.

Ref: Your office letter no. 752E/2-1/JE-Sig/Selection/PQ-2022, dated 08.08.2025

I, Shri/Smt. son of/daughter of Shri
....., Designation:, Unit/station:, PF No.
....., am willing/not willing to appear in the selection process of JE/Sig against 40%
Promote Quota vacancies.

This is my final decision and I will not make any claim in the future regarding my
candidature/eligibility for the above said selection.

Date:

(Signature of the applicant)

Name:

HRMS ID:

Mobile No:

(Stamp and Signature of Unit/Station Incharge)

ANNEXURE-IV

NORTHERN RAILWAY

Headquarters Office,
Baroda House,
New Delhi.

P.S.No.16043/2025

No. 752-E/Policy/S&T/2024/EIIBII

Dated:- 08.08.2025

DRM/NR-DLI, FZR, LKO, MB, UMB & JAT
CAO/C, K.Gate/DLI, CAO/C USBRL/Satyam Complex, TrikutaNgr/JAT.
CWM/CB-LKO, JUDW, AMV-LKO & ASR, CWM/Signal Shop/GZB.
Dy. CMM/SSB, AMV-LKO & JUDW
DY.CE/TMC/Line, State Entry Road, New Delhi.
Chief Manager (Ptg. & Sty) Punjabi Bagh, Delhi.
Dy.CE/Bridge, CB-LKO, JUC & TKJ.

Sub: Syllabus for Selection for the post of JE/Sig.

Ref: (i) PCPO's letter No. PCPO/Sel./2025 dated 14.05.2025.

(ii) CSE/East/NR letter's no.570-E/5/Misc/Pt-XI(NG Staff) (E-10124) dated: 07.08.2025

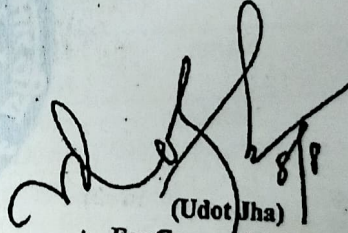
In reference to above subject, the syllabus for selection for the post of JE/Sig, is enclosed herewith for your information and necessary action please.

The above PS.No. is available on the website given as under:-<https://nr.indianrailways.gov.in>

Hindi Version will follow.

Please acknowledge the receipt.

DA/as above


(Udot Jha)
For General Manager (P)

Copy to:-

1. All PHODs and All Officers of Personnel Deptt., HQ Office, Baroda House, New Delhi.
2. Genl. Secy./NRMU, 12 Chelmsford Road, New Delhi.
3. Genl. Secy./URMU, 166/2, P.K.Road, New Delhi.
4. Genl. Secy./AIOBC Rly Emp. Asso. 171/A3, Basant Lane, New Delhi.
5. Zonal. Secy. All India SC/ST Rly Emp. Asso. North Zone Office, Baroda House, New Delhi.
6. Genl. Secy. NRPOA Room No.301, HQ Office, Baroda House, New Delhi.
7. Dy.CPO/IT, HQs Office, Baroda House, NDLS for uploading on the website.

Syllabus for Selection for Group-C Post for JE/Sig ग्रुप-सी की जेई/सिग पोस्ट के चयन के लिए पाठ्यक्रम

SN	Contents/Topics	Marks Allotted
I	Signalling (सिग्नलिंग)	70
II	Codes & Manuals (कोड एण्ड मैनुअलस)	10
III	General (जनरल)	20

I. Signalling/सिग्नलिंग:

(Weightage of Marks- 70)

Section-A

(Weightage of Marks- 10)

1. Basic concept of Signalling.
सिग्नलिंग की बेसिक अवधारणा।
2. Principles of Interlocking. Signal Interlocking Plan, Table of Control, ESP, SWR, SWRD, Panel/VDU diagram, Cable Coreage, Cable Route Plan, Track Bonding Plan etc.
इंटरलॉकिंग के सिद्धांत। सिग्नल इंटरलॉकिंग योजना, नियंत्रण तालिका, ईएसपी, एसडब्ल्यूआर, एसडब्ल्यूआरडी, पैनल/वीडीयू डायग्राम, केबल कोरेंज, केबल रूट प्लान, ट्रैक बॉन्डिंग प्लान आदि।
3. Colour Light signal concepts.
कलर लाइट सिग्नल की अवधारणा।

Section-B

(Weightage of Marks- 15)

4. All type of Relays, Cables- 6 Quad OFC & Signalling Cables,
सभी प्रकार की रिले, केबल-6 क्वाड ओएफसी तथा सिग्नलिंग केबल।
5. Point Machines-IRS, TWS, EPD.
पॉइंट मशीन, ईपीडी।
6. Train Detection: DC Track Circuits, Axle Counters (SSDAC & MSDAC),
ट्रेन डिटेक्शन: डीसी ट्रैक सर्किट, एक्सल काउंटर (एसएसडीएसी तथा एमएसडीएसी)
7. Interlocked Level Crossing Gates- MLB, ELB & SLB.
इंटरलॉक्ड लेवल क्रॉसिंग गेट्स- एमएलबी, ईएलबी और एसएलबी।

Section-C

(Weightage of Marks- 15)

8. Block Working- Absolute block working- Double line Block Instrument (SGE), UFSBI, SSBPAC.
Single line- IRS handle type token-less block instrument, UFSBI, SSBPAC. Automatic Block Working.
ब्लॉक वर्किंग- पूर्ण ब्लॉक वर्किंग- डबल लाइन ब्लॉक इंस्ट्रुमेंट (एसजीई), यूएफएसबीआई, एसएसबीपीएसी।
सिंगल लाइन- आईआरएस हैंडल टाइप टोकन-लेस ब्लॉक इंस्ट्रुमेंट यूएफएसबीआई, एसएसबीपीएसी। ऑटोमैटिक ब्लॉक वर्किंग।
9. Power Supply Arrangements- Integrated Power Supply, Charger, ELD & Cell (Low Maintenance Lead Acid & VRLA).
पावर सप्लाय व्यवस्था- इंटीग्रेटेड पावर सप्लाय, चार्जर, ईएलडी और सेल (लो मेन्टेनेन्स लेड एसिड और वीआरएलए)।
10. Automatic Signalling & Intermediate Block Signalling.
ऑटोमैटिक सिग्नलिंग और इंटरमीडिएट ब्लॉक सिग्नलिंग।
11. Signalling in 25 KV In RE Area.
25 केवी आरई एरिया में सिग्नलिंग।

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(PCSTE/HQ)

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Principal/STC

Section-D

(Weightage of Marks- 20)

12. Relay Interlocking concepts - Metal to Carbon, Metal to Metal, Panel Interlocking and Route Relay Interlocking.
रिले इंटरलॉकिंग अवधारणा - मेटल टू कार्बन, मेटल टू मेटल, पैनल इंटरलॉकिंग और रूट रिले इंटरलॉकिंग।
13. Electronic Interlocking- Principles, Configuration, Interface logic, Application logic, VDU logic, FAT, SAT, Technical System Approval.
इलेक्ट्रॉनिक इंटरलॉकिंग- सिद्धांत, कॉन्फिगरेशन, इंटरफेस लॉजिक, एप्लिकेशन लॉजिक, वीडिपू लॉजिक, एफएटी, एसएटी, तकनीकी सिस्टम अनुमोदन।
14. Data Logger.
डाटा लॉगर।
15. Earthing, Lightning and Surge protection arrangements.
अर्थिंग, लाइटनिंग और सर्ज प्रोटेक्शन व्यवस्था।

Section-E

(Weightage of Marks- 10)

16. Train Protection System - Kavach.
ट्रेन प्रोटेक्शन सिस्टम- कवच।
17. Centralised Traffic Control (CTC), Train Management System (TMS).
सेन्टरलाइज्ड ट्रेफिक कंट्रोल (सीटीसी), ट्रेन मैनेजमेंट सिस्टम (टीएमएस)।
18. Execution of S&T Infrastructure works- Planning, Execution, CRS sanction, Documentation, Testing and Commissioning.
एस एंड टी इन्फ्रास्ट्रक्चर वर्क्स का निष्पादन- योजना, निष्पादन, सीआरएस सैंक्शन, डॉक्युमेंटेशन, परीक्षण और कमीशनिंग।
19. AFDAS, SMMS, FACS & RDPMS.
एफडीएस, एसएमएमएस, एफएसीएस और आरडीपीएमएस।
20. Basics of Cyber Security.
साइबर सुरक्षा का बेसिक।
21. Safety in Train Operations, Protection at site, Disaster Management.
ट्रेन ऑपरेशन में सेफ्टी, साइट पर प्रोटेक्शन, आपदा प्रबंधन।

II. Codes & Manuals/कोड और मैनुअल

(Weightage of Marks- 10)

1. Indian Railway Signal Engineering Manual.
भारतीय रेलवे सिग्नल इंजीनियरिंग मैनुअल।
2. RDSO Specifications & TAN.
आरडीएसओ स्पेसिफिकेशनस और टीएन।
3. G & SR.
जी एंड एसआर।
4. Block working Manual.
ब्लॉक वर्किंग मैनुअल।
5. Indian Railways Schedule of Dimensions.
इंडियन रेलवे शेड्यूल ऑफ डाइमेंशंस।
6. Accident Manual.
दुर्घटना मैनुअल।
7. Railways (Opening for Public Carriage of Passengers) Rules.
रेलवे (ओपनिंग फॉर पब्लिक कैरिज ऑफ पैसेंजर) रूल्स।

06.08.25

06.08.25
(PCSTE/HQ)

Principal/STC

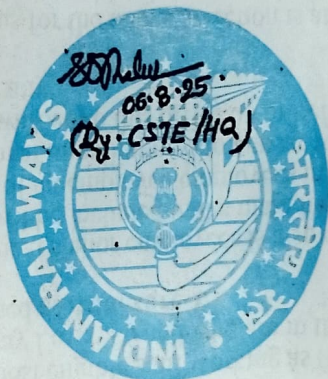
8. Extracts of Indian Railways manual of AC Traction Maintenance and Operation and Indian Railways Permanent Way Manual.
एसी ट्रैक्शन मेंटेनेंस ऐंड ऑपरेशन और इंडियन रेलवे परमार्नेट वे मेनुअल के भारतीय रेलवे मीनुअल के अर्ग।

III. General Awareness

(Wolghtago of Marks-20)

1. Basic Physics and Basic Maths, General Knowledge, Railway Service Code, The Railway Services (Conduct) Rules- 1966, The Railway Servants (Discipline And Appeal) Rules- 1968, Establishment, Stores (Imprest, Consumable stock, T&P, Asset Registers, stock verification, loss & theft of stores, DMTR, UDM, GeM etc), Tender & Contracts, Accounts, Workshops, Vigilance.
बेसिक फिजिक्स ऐंड बेसिक मैथ्स, जनरल नॉलेज, रेलवे सर्विस कोड, रेलवे सर्विस (कंडक्ट) रूल-1966, रेलवे सर्वेंट (डी ऐंड एआर) रूल - 1968, स्थापना, स्टोर्स (इम्प्रेस्ट, कंजुमेबल स्टॉक, टी ऐंड, असेट रजिस्टर, स्टॉक वेरिफिकेशन, तॉस ऐंड चोरी ऑफ स्टोर्स, डीएमटीआर, यूडीएम, जेम आदि), टेंडर और कॉन्ट्रैक्ट्स, अकाउंट्स, वर्कशॉप्स, विजिलेंस।
2. General Knowledge on HRMS, e-office, HMIS, UMID, IREPS.
एचआरएमएस, ई-ऑफिस, एचएमआईएस, यूएमआईडी, आईआरईपीएस पर सामान्य ज्ञान।

सहायक प्रमुख
06.08.25



Principal
06/8/25
Principal/STC