



NORTHERN RAILWAY



No. NR-UMBOPERS(PP3)/32/2023-O/o APO-III/UMB/NR
Dt. : 05.08.2025

Divisional Office,
Ambala Cantt.

Sr. DEE/ELS/KJGY/SRE

Sub:- Selection for promotion to the post of Junior Engineer/ELS in Level-06 (GP 4200) against 25% Promote Quota in ELS/KJGY/SRE Department.

Ref: GM(P)/NR letter No. E-387/129/CBT/S-Cell/P dated 29.07.2025.

It has been decided to hold a selection for filling up **02 (UR-01, SC-Nil & ST-01)** vacancies for the post of Junior Engineer/ELS, Level-06 (GP 4200) against 25% Promote Quota in ELS/KJGY/SRE of Ambala Division.

1. Eligibility and Service conditions of staff:-

The list of senior most eligible staff working as Sr. Technicians/Technician-I of ELS/KJGY/SRE of UMB Division in Level-06/05 in Pay Matrix of 7th CPC and who are in the zone of consideration in 1:3 ratio based on their seniority is enclosed as **Annexure-I**. Any employees express their unconditional unwillingness to appear for the selection on Performa attached herewith and forward to this office **on or before 21.08.2025** along with objection of any employee against the seniority.

1.1 A stand by list of employees for selection is enclosed as **Annexure-II**. It is advised to these employees that they will be included in the main list enabling them to appear for the written examination only in the case of any employees in the main list of Annexure-I submit unwilling.

Staff on sick/Leave should also be intimated to their sick/leave address and obtain their acknowledgement.

In terms of Railway Board's Ir. No. E(NG)I/2000/PM1/41, dated 20.08.2003, the positive act of selection to assess the professional ability of the candidate shall consist of written test only. The candidate has to obtain a minimum of 60% marks in professional ability, i.e. in written examination, for being considered for further selection process of perusal of service record. The post of Junior Engineer being classified as "Safety Category post" there is no relaxation in qualifying marks to employees belonging to the category of SC/ST and hence they are also required to secure 60% marks in the written examination.

1.2 Syllabus:- Syllabus for selection of the post JE/MEMU in Level-06 against 25% promotional quota is enclosed as **Annexure- I**.

2 Procedure for written examination:-

2.1 Procedure for 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).

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

2.3 RRC/NR will be issuing a formal admit card online (through the website <http://rrc.nr.india.gov>) to each and every eligible and willing employee for appearing in examination will be there in the admit card. As no physical communication will be made after issued 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 as and when made available by RRC. Further, no supplementary absentee examination shall be conducted on this ground.

05/8/25 (Cont. Page-02)

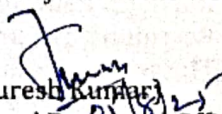
- 2.4 A link will also be made available on the above website(<https://rrcnr.org>) to the employees, explaining as to how the Question will be appearing and how to mark the responses/answer in the actual examination. Employees can practice through that link any number of times.
- 2.5 Both physical and biometric attendance will be marked at the examination venue.
- 2.6 100% questions will be objective type multiple choice questions.
- 2.7 There will not be any negative marking.
- 2.8 There shall be questions in Official Language Policy and Rules upto 10% of marks. However, it is not mandatory to attend the same.
- 2.9 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.
- 2.10 The written examination will be of 02 (two) hours duration.
- 2.11 There will be computerized evaluation.

3 Notifying to staff:-

The Senior Subordinate/Supervisor concerned, has to furnish a certificate that "the eligible candidates were duly notified of the holding of the written examination and asked to submit their application applications duly giving their willingness. They have also been informed about availability of any further information on RRC/NRR'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/UMB. 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 of 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 Division/Units over Northern Railway. The unwillingness, if any, received from the employees is to be forwarded to Sr.DPO/UMB on or before **21.08.2025**.

- 3.2 The Sr. Subordinate in charge will inform to staff of present working in case they have been transferred from the station. The Sr. Subordinate in Charge will inform to the staff of the station present working, which has been shown in the attached list.
- 3.3 The date, venue and time of examination will be uploaded on the website of Personnel Branch, UMB Division. The staff must regularly check the website for updates regarding the same and it will be the responsibility of the candidate to regularly check the website.

Encl.:- As above


(Suresh Kumar)
For Sr. Divisional Personnel Officer
N. Rly Ambala Cantt.

Copy to :-

1. C/-Sr.DEE/ELS/KJGY/SRE. It is requested to kindly arrange to make available D&AR/SPE/Vig. Clearance in favour of the employees listed in Annexure-I.
2. DS/NRMU, URMU/UMB Division
3. DS/AIOREA, AISC/ST REA/UMB Division
4. SSE/IT/EDP Center: Please upload copy of this letter on the website of Personnel Branch, Ambala Division
5. OS/Confdl. Cell: For information & necessary action.
6. CS&WLI/SRE : for information to concerned employee please.

Enclosure of letter No. NR-UMBOPERS(PP3)/32/2023-O/o APO-III/UMB/NR Dated 05.08.2025.

Annexure-I

S.N.	PF No	NAME	F/Name	Commu	Desig.	Station
1	50313662302	Sushil Kumar	Ratan Singh	UR	Sr.Tech	SRE
2	50320110157	Sanjeev Kumar	Shankar Dayal	SC	Sr.Tech	SRE
3	50312913650	Vishal Joshi	Brij Bhushan Joshi	UR	Sr.Tech	SRE
4	07629801201	Ajeet Singh	Balram Singh	ST	Sr.Tech	SRE
5	07629801210	Ram Kishan Meena	Ladu Ram Meena	ST	Tech.I	SRE
6	50320000619	Sita Ram	Phangu Ram	ST	Tech-I	SRE

Stand by:

Annexure-II

S.N.	PF No	NAME	F/Name	Commu	Desig.	Station
1	42504671146	Balesh Kumar	Netra Pal Singh	OBC	Sr.Tech	SRE
2	50320000599	Virender Kumar	Late Mam Chand	SC	Sr.Tech	SRE
3	50320110090	Madhukar Sharma	Raj Kumar	UR	Sr.Tech	SRE
4	50320000646	Lokesh Meena	Khajan Singh	ST	Tech-I	SRE

Further no other 'ST' eligible employee available in the field of zone of consideration i.e Sr.Tech in Level-06 and also in Tech-I in Level-05 with Two Years' requisite service.

(Suresh Kumar)
For Sr. Divisional Personnel Officer
N. Rly Ambala Cantt.

Northern Railway

Proforma for willing /unwilling for Selection for promotion to the post of JE/ELS, Level -06 (GP 4200) against 25% promote quota.

Sub:- Selection for promotion to the post of Junior Engineer/MEMU, Level-06 (GP 4200) against 25% Promote Quota.

Ref.- NR-UMBOPERS(PP3)/32/2023-O/o APO-III/UMB/NR dt. 05.08.2025

1. In reference to above subject it is stated that I Sh.
S/o Sh.[Willing/unwilling] to appear in the
Selection for promotion to the post of JE/ELS, Level -06 (GP 4200) against 25%
promote quota .

2. The employee who is willing and having any objection against the seniority
list of Sr. Tech/ELS in Level-06/(GP 4200) & Tech.-I/ELS in Level-05/(GP 2800)
[Yes / No].

If yes, attach representation with proper supporting documents.

3. Option once exercised will be treated as final.

Sign of Employee.....

Date:-.....

Name

Father's name

Designation/station.....

PF No.

HRMS ID

Mob. No.

Forwarded to Sr. DPO/UMB for necessary action please

Signature of Sr. subordinate In-charge
with office seal
Date:-

NORTHERN RAILWAY

Headquarters Office
Baroda House
New Delhi.

P.S.No. 16005/2025

NO: - 752-E/Elect./EIIA (317090)

Date: 15.07.2025

DRM:- DLI, UMB, FZR, MB, JAT & LKO.
CWM:- JUDW, AMV-LKO, CB-LKO & ASR

Sub: - Syllabus for selection for the post of JE/TRS (ELS & RSO) (Level-6).

Ref: -(i) PCPO letter no. PCPO/sel./2025 dated 15.05.2025.

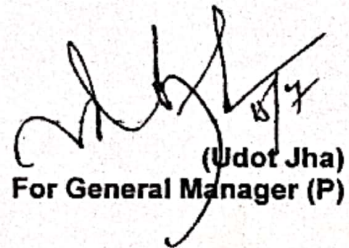
(ii) SEE/Plg/Elect. letter No. 186-Elect./G/Policy/EM/O, dated 23.06.2025

In reference to above subject, the syllabus for selection to the post of JE/TRS (ELS & RSO) (Level-6), is enclosed herewith for your information and necessary action please.

The above P.S.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


(Udit Jha)
For General Manager (P)

Copy to:

1. All PHODs and All Officers of Personnel Deptt., HQ Office, Baroda House, New Delhi.
2. General Secy./NRMU, 12 Chelmsford Road, New Delhi.
3. General 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, HQ Office, Baroda House, NDLS for uploading on the website.

Syllabus for the selection/written test for promotion to the post of Junior Engineer (JE)

Level-06 (GP-4200) against 25% Intermediate Quota in Electrical/TRS Department. (ELLS LRSO)

1. Introduction to Railway organization and Electric department set up,

Basic Electrical Engineering, Measuring tools/equipment's, AC Motors, DC Motors, Transformer, Power Electronics, Circuit theory etc.

Conventional and Three-phase electric locomotives - Inspection schedules of electric locomotives & their periodicity, Loco equipment's their inspection schedules and overhauling & testing, VCB, PT, Pantograph, Loco bogie and body, Wheel, Axle, Axle box, Axle box bearing, Hurth coupling, Direct drive of loco, Battery, Compressors, Traction motor, Transformer, Traction converter, Auxiliary converter, VCU, Hotel load converter, Cab equipment, Relay, Pressure switch, Contactor, Auxiliary motors, Harmonic filter, Pneumatic brake system & Brake panels, Types of loco brakes, Pneumatic valves etc.

Loco lifting and lowering, Bogie assembling and disassembling & measurement, Safety items related to bogie, Clearances of bogie & body, Under frame checking, Wheel measurement, Wheel profiling, Fault diagnosis, Loco equipment's abbreviation, Codes/Manuals/SMLs/MS/TC pertaining to conventional and three-phase electric loco, Testing/Failure investigation/Case studies on electric locomotive, Power & control circuit of loco, Material handling jigs and fixtures, Up keep of work environment, Disaster management, Safety rules, Precautions, Earthing of equipment, Energy conservation, Working of PPIO and SLAM, Seasonal drives of loco like Summer; Winter & Monsoon, Fire prevention measures, Safety items of loco, M&P and T&P & their maintenance. Safety precaution of electrified area.

Important loco features - KAVACH, RTIS, CVVRS, VSS, RMS, DPWCS, Push-Pull Operation etc.

2. MATERIAL MANAGEMENT IN RAILWAYS:

- a) Introduction to material management.
- b) Organizational structure of material management organization of Indian Railways
- c) Functions of material management- Planning and inventory management (Stock items, PL no. & non stock items), procurement, receipt and inspection & handling of rejection etc.
- d) Model SOP, IRS-condition of contract, Store Depot working, stock verification & audit, Scrap disposal.
- e) Non stock procurement under works programme, RSP, M&P, E-procurement, IREPS, GEM procurement etc.

3. CONTRACT MANAGEMENT & FINANCIAL MANAGEMENT:

- a) Contract management
 - Tenders & Contracts
 - Vigilance
- b) Financial Management
 - Railway accounting and financial procedures
 - Primary units, various demands

- Works programme, M&P and RS programme
- Stages of budgeting (Revised and Budget estimates, Review, Final Modification)
- Roles of JE & SSE in Tenders & Contracts

4. GENERAL & ESTABLISHMENT KNOWLEDGE:

- D&AR Rules: Various definitions, the applicability, suspension and issue of minor penalty charge sheet, appeals
- Rules for engagement and discharge of casual labours / substitutes and knowledge of relevant sections, Industrial relations and roles of trade unions.
- Various types of leaves which can be granted to staff.
- Railway Service Conduct Rules.
- General knowledge about working in various other departments in Railways
- Knowledge about Pass, PTO, Travel on duty, increment, Promotion of artisans, Quarters, Staff welfare, HOER, Allowances etc.
- Basics of RTI and Disabilities Acts and our obligations & responsibilities.
- Establishment powers of JE & SSE in open line.

5. COMPUTER FUNDAMENTELS:

- Basics of hardware and software
- Operating systems basics
- Internet, E-mails, MS-office and useful apps.

6. राजभाषा

- राजभाषा- संवैधानिक प्रावधान,
- राजभाषा अधिनियम 1963 (यथा संशोधित 1976),
- संविधान की आठवीं अनुसूची में शामिल भाषाएँ,
- राजभाषा कार्यन्वयन समिति,
- राजभाषा प्रोत्साहन / पुरस्कार योजनाएं,
- हिंदी प्रशिक्षण

8. General Knowledge, Reasoning, Aptitude.