

Divisional Railway Manager Office
NORTHERN RAILWAY, Firozpur

(Ref: Letter no E-387/129/CBT/S-Cell/P dated 29.07.2025)

No.725-E/2//Elect/TL/3/IMQ/P-3

Dated: - 04.08.2025

All SSE/TL/FZR Division & JAT Division
All CWLI/FZR Division & JAT Division
CPM/RE/Ambala

Sub: - Selection for the post of Tech-III/TL Grade Pay 1900 (Level-2) PB-5200-20200+ GP-1900 against 25% IMQ.

It has been decided to hold selection for filling up 31 vacancies for the post of Tech-III/TL pay Level-2 against 25% IMQ in Elect/TL Department of Firozpur Division.

Bifurcation of vacancies is as under: -

| UR | SC | ST | PwBD(In terms of Railway Board's Letter no E(NG)II/2017/RC-2/1 policy dated 27.02.2019 |
|----|----|----|--|
| 25 | 04 | 02 | 02 (vacancy for category OL & HH) |

The other details are as under

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| 1 | Application | Employees are advised to apply in prescribed Proforma application enclosed. |
| 2 | Eligible staff to apply | All serving General TL Assistants of Electrical (GS) Department only. |
| 3 | Educational Qualifications | 10 th class/Matriculation/ITI in relevant trade or its equivalent (In terms of List of Designated Trades under the Apprentices Act, 1961). |
| 4 | Service conditions | Volunteers should have rendered a minimum of two years of service (residency period) in the above-mentioned erstwhile Group-D categories (in terms of PS no. 14727/2017 Letter no. 831E/63-2/XIV-E/Pt-V/EIV dated 22.05.2017.) Age should be up to 47 Years for unreserved and 52 Years for SC/ST as on 04.08.2025. |
| 5 | Cut-off date | Employee Must have completed two years of service as on date of issue of notification. |
| 6 | Last Date of Application | Last Date of Submission the application 25.08.2025 |
| 7 | Syllabus | Enclosed at Annexure A. There shall be questions in official language policy ft Rules up to 10% of marks. However, it is not mandatory to attend the same. |
| 8 | Pre-selection /pre-promotion training to eligible SC/ST employees | Pre-selection coaching will be provided to reserved category candidate as per extend rule. |
| 9 | Mode of Selection/Procedure for written examination | <ul style="list-style-type: none">All the staff who volunteers and fulfill the conditions prescribed thereon would be subject to a selection. The selection shall consist of written examination (Professional ability) and Record of serviceThe written examination will be conducted by the |

| | | |
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| | | <p>Railway Recruitment Cell (RRC), Northern Railway Through an examination conducting agency to provided by Railway Recruitment Board (RRB).</p> <ul style="list-style-type: none"> The written examination will be a computer-based test (CBT)/Tablet Based (TBT) where there will be no physical question paper. All the question will appear on the computer/tablet and the employee will have to mark their responses/answer to the question on computer/tablet Both physical and biometric attendance will be marked at the examination venue. There will be computerized evaluation. |
| 10 | CBT Examination | <p>(a) CBT Examination: The CBT examination will be 100% objective type consisting of 110 questions (Including 10 questions of Official Language Rules), of which candidates are required to answer any 100 questions.</p> <p>(b) If the candidate answers more than 100 questions, the first attempted 100 questions will be evaluated.</p> <p>(c) The duration of examination will be approx. 120 minutes.</p> <p>(d) Candidate may note that there shall be negative marking for incorrect answers, One-third of the marks allotted for each question will be deducted for wrong answers (RBE No. 194/2019).</p> |
| 11 | Supplementary examination | As this selection is being held by calling for volunteers, there will be no supplementary examination. |
| 12 | Medical Classification | Should be found BEE One(B-1) medical at the time of empanelment |
| 13 | Empanelment | <p>The final panel will be drawn in the order of merit based on aggregate marks of Professional Ability and Record of Service. However, a candidate must secure a minimum of 60% marks in Professional Ability and 60% marks in the aggregate for being placed on panel. There will be no classification of candidates as "Outstanding" (RBE No.113/2009).</p> <p>There will be no relaxation in qualifying marks for candidates belonging to SC/ST community. They have to obtain minimum 60% in written test and 60% in aggregate.</p> |
| 14 | Training after empanelment, Trade Test & Promotion | The empaneled employees who do not possess ITI in relevant trade have to undergo training for a period of 06 months and on completion of training, they are subject to trade test. Who are having the apprenticeship Act/ITI qualification in the relevant trade, who shall be promoted on being empaneled (RBE No. 68/2025) |
| 15 | Absorption in working post/ Promotion | <p>(a) The seniority of staff on promotion in skilled trade will be regulated in terms of Para-302 of IREM i.e. with reference to the date of promotion (after passing the trade test)</p> <p>(b) They will be on probation for a period of 12 months from the date of absorption in working post.</p> |

| | | |
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| 16 | Admit card | <p>(a) 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 Venue and time of reporting for the written examination will be there in the admit card. 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.</p> <p>(b) 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.</p> |
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17.0 Notifying the staff

- 17.1 Wide publicity should be given amongst eligible staff of Electrical /AC Department. The copy of notification should be displayed on notice board at a conspicuous place. All the Supervisors concerned should ensure the same.
- 17.2 Staff who are on deputation leave sick should also be notified to enable them to submit their applications through proper channel in time. It is the responsibility of the supervisor concerned to bring the notification to the notice of staff on deputation leave/sick under clear acknowledgement and should be forwarded to this office without fail.
- 17.3 If any complaint is received from the employees for not being notified of the said notification, supervisory staff concerned will be held responsible.

18.0 How to apply:

- 18.1 Employees should submit the application in the prescribed Proforma through proper channel enclosed as Annexure-IV.
- 18.2 The application should be on good quality of A-4 size paper using one side only.

18.3 Enclosure to the application:

- (i) Attested photocopies of 10th class or equivalent certificates
- (ii) Attested copy of community certificate In case of employees belonging to SC/ST community.
- (iii) Attested copies of Awards received.
- (iv) Details of charge sheet/penalties if any.
- 18.4 They should fill up the application form in their *own* hand writing in block letters with blue or black ball point pen only.
- 18.5 All relevant columns in the application should be filled completely & strike out the inapplicable columns and forwarded duly signed *by the* controlling supervisor/officer wherever required or otherwise same will (not be considered).
- 18.6 Employee should paste the recent photograph on the application which shall be attested by the concerned supervisor/officer.
- 18.7 Employee should ensure that their Name, Father's Name, Date of Birth should exactly match as recorded in Service record /Matriculation or equivalent certificate.
- 18.8 Candidates are advised to indicate their personal mobile no. and personal valid e-mail IDs


and keep them active for communicating them.

19.0 Invalid applications:

- 19.1 Applications received after the last date (OR) applications submitted directly to Sr. DPO office without routing through proper channel.
- 19.2 Application not in prescribed format.
- 19.3 Not possessing prescribed qualifications as on the date of notification.
- 19.4 Application without photograph.
- 19.5 Application without signature or with signature in capital letters.
- 19.6 Incorrect applications.
- 19.7 Application without enclosures as mentioned in Para 18.3.
- 19.8 Applications which are filled in a language other than Hindi/English.
- 19.9 Variation in the information furnished in the application versus the documents enclosed.

20.0 General Conditions:

- 20.1 Employees before applying should carefully read the instructions and ensure that he/she fulfills all eligibility conditions at the time of submission of applications.
- 20.2 Empaneled candidates are liable to be posted anywhere in FZR & JAT division as per GM(P)/NDLS letter no. 807-E/Surrender of post/MPP-2017/11 dated 19.06.2025. all promotion of FZR division and JAT Division jurisdiction should be done by FZR division. Hence this selection to be conducted for FZR & JAT Division both Abd after empanelment employees may be posted anywhere at FZR & JAT division as per administrative requirement.
- 20.3 Mere empanelment does not confer any right of promotion to the candidates.
- 20.4 Admission of the employee at all stages will be purely provisional subject to satisfying the prescribed conditions.
- 20.5 Due care will be taken in verifying the employees' details from Service Register. However, each employee is also equally liable & responsible to furnish his own service particulars including charge sheets/awards in the application, and, also equally liable & responsible for non-furnishing of service particulars in the application.


For Sr. Divisional Personnel Officer
Northern Railway, Firozpur

Copy to:

- 1. Sr. DEE/G/FZR & JAT : for information please.
- 2. Divisional Secretary/NRMU/URMU : for information please.
- 3. Divisional Secretary/SC/ST & OBC : for information please.

Application for the post of Tech-III/TL GP-1900 (Level-2) PB-5200-20200 GP-1900 against 25th IMQ.

Note:- All particular will be filled as per Service Record

| | | | |
|----|---|--|--------------------------|
| 1 | Name of Employee(In Block Letters) | | Latest photo of Employee |
| 2 | Father's Name | | |
| 3 | Designation & Station | | |
| 4 | Working Under | | |
| 5 | Date of Birth | | |
| 6 | Age as on 04.08.2025 | | |
| 7 | Date of appointment | | |
| 8 | Date of Screening | | |
| 9 | Date of regularization | | |
| 10 | HRMS ID | | |
| 11 | Punishment If any | | |
| 12 | Length of Service as on 04.08.2025 | | |
| 13 | Education Qualification (Education must be entered in Service record) | | |
| 14 | Technical Qualification | | |
| 15 | Medical Classification | | |
| 16 | Present PB & GP | | |
| 17 | Category | | |
| 18 | List of Supporting Document | | |
| 19 | Mobile No. & Employee No Mail.ID | | |

Signature of Employee

Date:-

I-----S/O Sh.-----here by
declared & affirm that the information given above is true and nothing has been concealed or misrepresented that if any part of the above declaration is found false at any stage. My candidature shall be cancelled without any notice and I may also be taken up under D&AR rules.

Signature of applicant

Forwarded with the remarks that the above information is verified to the extent of available record in this office.

Signature of the Sr. Subordinate
With Stamp

NORTHERN RAILWAY

Headquarters Office
Baroda House
New Delhi.

P.S.No. 16002/2025

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 Tech-III/Elect./TL (Level-2).

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 Tech-III/Elect./TL (Level-2), 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


(Udot 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.

7. Establishment rules

HRMS, UMID, RESS, Leave rule, D&AR rule, Pass rules, Allowances, HOER etc

8. Rajbhasha

Hindi Rajbhasha Rules 1976 and its applicability on Railways

9. General Knowledge, Reasoning, Aptitude.

Syllabus for selection for the post of TECHNICIAN-Train Lighting Fitter

1. Train lighting

Introduction to train lighting systems, theory of SG/MOG/EDG/HOG/schemes and their schematic diagrams, alternator, Rectifier/Regulator, types of alternator failures and their remedies, coach wiring, lighting and fan, BLDC fans, maintenance links, maintenance schedule and activities, trouble shooting of various types of failure of alternator, regulator and batteries and improvement suggestions. Causes of V-belts drop age in SG coaches and remedies. Fire prevention measures in coaches and fire-fighting familiarization with equipment used and their rating in coaches, rating of batteries for different type of coaches and fuses for different circuits. Maintenance schedule of AC-TL coaches: Trip maintenance, Monthly maintenance & IOH of coaches, Schedule and procedure of thermal scanning. Working of Dayna drive for Alternator testing. Maintenance schedule of AC-TL coaches, LHB Coaches, AC equipment's, Power cars: Trip maintenance, Monthly maintenance & IOH of coaches, Schedule and procedure of thermal scanning, Safety Features. Use of luminaries in AC-TL coaches. Troubleshooting of AC-TL coaches in passing trains.

2. Batteries

Types of batteries/comparison, care and maintenance of lead acid batteries and methods of charging of batteries, initial charging of batteries, battery charger. Advantages of sealed maintenances free batteries.

3. General

Coach wiring diagram complete with connections of main switch, IE rules, tests checks of new wiring before energisation basic electricity i.e. voltage, current, power, power factor and connections of voltmeter, ammeter Wattmeter etc. energy consumption monitoring, steps to reduce energy consumption, calculation of energy consumption. Various types of switchgears such as MCB MCCB, ELCB & their application and their maintenance schedules, maintenance/operation and protection system of coaches. Safety while working on TL coach Procedure of shock treatment, first-aid and firefighting, safety rules. Electrical accidents-precaution & prevention.

4. IE Rules and earthing arrangements

IE rules in-connection of distribution system and use of electricity, role of electrical inspector, Electrical inspector Govt. of India for Northern railway, procedure of earth testing of coach.

5. Energy Conservation and Energy Efficiency

Energy conservation measures for train lighting coach, short note of solar coach, what is power factor, disadvantages of low power factor and methods of power factor improvement, LED lights BLDC fans.

6. Illumination

Knowledge of various types of lamps, their working & applications and their comparison, energy efficient lamps, lux levels for coaches