

No. 561-E/7th UPD Rb.V-1 2025/P-14

Date: 07-2025

DRM Office,
New Delhi

Category J/Delhi Division
All Branch Officer/Delhi Division
Sr Subordinate Incharges
Delhi Division.

(NR PS NO. 16000 / 2025)

Sub:- Syllabus for selection for the post of Tech-III / Elect.-G/
(Level-2)

Ref:- General Manager/P, N. Rly., Hd. Qtr Office, Baroda House, New Delhi, letter Number

752-E / Elect. / G.IIA (317090) dated 15 / 07 / 2025

In reference to above subject, the syllabus for selection to the post of Tech-III/Elect./G (Level-2), is enclosed herewith for your information and necessary action please.

Please acknowledge the receipts.

DA/as above

16/07/25

Abhijit Kumar

(.....)

for Divisional Railway Manager/P

New Delhi

Copy for information & necessary action to:-

1. PA to DRM/Delhi
2. PA to all ADRMs
3. PA to Sr DPO/C, Sr DPO/II, Sr. DPO/III and all Personnel Officers & All Chief Office Supdt's/Personnel Delhi Division.
4. Divisional Secy/NRMU Delhi Division.
5. Divisional Secy/NRMU Delhi Division
6. Divisional Secy/SC-ST Association Delhi Division.
7. Divisional Secy/OBC Association Delhi Division.

NORTHERN RAILWAY

Headquarters Office
Baroda House
New Delhi

P.S.No. 16000/2025

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./G (Level-2).

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

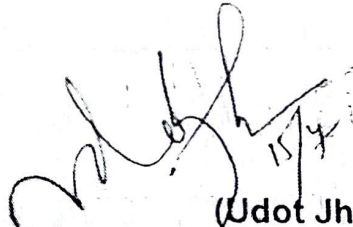
(ii) SEE/Plg/Elect. letter No. 186-Elect./G/Policy/EM/O, dated 23.06.2025

In reference to above subject, the syllabus for selection to the post of Tech-III/Elect./G (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.

SYLLABUS FOR THE SELECTION IN THE TECH POWER GRADE-3

1. Basic principles of electricity: clear understanding of current, voltage, power, resistance, Impedance, use of common electrical measuring instruments.
2. Knowledge about Earthing, Overhead lines, transformers, wiring, Starters, etc.
3. Knowledge about various motors used in general power service.
4. Knowledge about ceiling fans, desert coolers, BLDC fans and other type of fans used in general power service. Different sizes of cables.
5. Basics of Wiring.
6. Different types of pumps for water supply.
7. Method of Energy conservation.
8. Protections to be taken in House Wiring.
9. Safety precautions to be taken while working on electric line/ equipment.
10. Tools used by a wireman.
11. Different types of light fittings.
12. Different type of lighting poles, high mast towers and their earthing.
13. Different types of Starters.
14. Solar Gate Light / Solar Water Heater
15. Basics of solar plant and Inverters.
16. Various types of LED lights.
17. Parts of Lifts and escalators and basic troubleshooting during manning of lifts and escalators.
18. Establishment rules (HRMS, UMID, RESS, Leave rule, D&AR rule, Pass rules etc.),
19. Rajbhasha – Hindi Rajbhasha Rules 1976 and its applicability on Railways,
20. General Knowledge, Reasoning, Aptitude.