



EAST CENTRAL RAILWAY

Office of the
DRM (P)/Dhanbad**NOTIFICATION**

Sub : Filling up the vacancies of Tech.III(Tele) in Level-2 against LDCE-25% in S&T Deptt. of Dhanbad Division through CBT Mode.

Ref : GM(P)/ECR/HJP's e-file No.ECR-HQOPERS(EC)/I/2024(327800),Dated.28.11.2025.

1. It has been decided to hold a selection for filling up the vacancies of 13posts of Tech.III/TCM(in Level-2) against LDCE-25% in S&T Department of Dhanbad Division through CBT Mode. Break-up of the vacancies are given as under : ---

Post	Level	Communal Break up of vacancies			Total	PwBD(in terms of Rly.Bd's letter No.E(NG)/II/2017/RC-2/1 Policy,dtd.27.02.19.)
		UR	SC	ST		
Tech.III/TCM	2	10	02	01	13	NA

2. Applications/Options are invited from all existing Assistant/(Sig&Tele) of S&T deptt of DHN Divn who fulfill the following eligibility conditions in terms of RBE No.56/2025 & RBE No.52/2024 :--

- Essential Educational qualification to be equivalent to Directed Recruited TCM-III through RRB. It must be Matriculation/SSLC plus passed ITI/Act apprenticeship with relevant trades(Electrician/ Electronics Mechanic/Wireman) (OR) 10+2(Intermediate) with(Physics & Maths).
- Eligible staff must have completed at least three (03) years regular service and age should not be more than 45 years as on cut-off-date (i.e.05.12.2025, date of notification)/(RBE No.117/2006).
- Required medical category is B-1 & above.
- Selected employees should be posted as TCM-III(Level-2) anywhere on Dhanbad Divn/EC Rly, if placed in panel list.
- SC/ST candidate may be imparted necessary pre-selection training for 3-4 weeks arranged by S&T Deptt. In any case, if any employee expressed his unwillingness for pre-selection training, a written declaration/refusal from concern staff may be obtained by Unit-In-charge and be forwarded to this office for record.

3. Mode of selection :

- Selection will be of professional ability shall consist of Computer based test (CBT) Mode and further scrutiny of service record.
- Eligible candidates shall be selected through selection + Trade test.(Trade test to be held at the end of training required after empanelment on passing the selection if empanelled staff is ITI passed in relevant trade and on completion of a further training of 06-months if empanelled staff is not ITI passed in relevant trade).
- The selected staff shall undergo training same as Direct Recruits i.e. for one(01) year(52 weeks) out of which 17-weeks shall be institutional training and 35-weeks shall be field training.
- The candidate has to obtain a minimum of 60% marks in professional ability i.e. in CBT, for being considered for further selection process of perusal of service record and APARs. The post of TCM-III 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 CBT at par with UR employee.
- The names of selected candidates will be arranged in the order of merit as per extant rules.
- Final panel will be subject to found fit in medical classification (B-1 & above) and fulfil of other terms & conditions.

4. Procedure of written examination :

- Question paper will be 100% objective type (multiple choices only) and will be in Hindi & English language only.
- There will be negative marking (1/3 mark for a wrong answer)(RBE No.194/2019).
- The written examination will be in CBT Mode.
- Questions on official language will form part of the professional ability for 10% of total marks. The question on official language policy are compulsory but there shall not be any compulsion on the part of the candidate to answer such questions.

(Contd.....)

5. Supplementary Exam :

No supplementary exam will be conducted for absenteeism.

6. Last date of submission of Applications/Options :

- Applications/Options received from the candidates in prescribed format (as Annexure-A) are to be forwarded by their controlling supervisors in a bunch to the DRM(P)Office/Dhanbad on or before 30.12.2025. It should be personal responsibility of the Sr. Subordinate/ Supervisors to complete the formality in this respect.
- Submission of any application after last date will not be entertained.

7. This notification may be circulated to all concern of S&T Deptt. without fail. The same is available on the Dhanbad Division website "[https://ecr.indianrailways.gov.in>divisions>dhanbad> Personnel> notification](https://ecr.indianrailways.gov.in/divisions/dhanbad/Personnel)".

8. Date, venue and time of CBT Mode test/exam will be intimated separately. However, the employees should be in readiness to appear for the selection/CBT, at a short notice.

9. Syllabus : Syllabus for selection of TCM-III(Level-2)against LDCE-25% is enclosed as Annexure – B.

DA : (i) Format of Application/Option(Annexure-A)
(ii) Syllabus (Annexure-B).

Digitally signed by
RATNESHWAR PRASAD KARN
Date: 05-12-2025 14:24:19

for Divl.Railway Manager(P)
East Central Railway,Dhanbad

No.E/S&T/TCM(LDCE-25%)/Selection/25(C/No.352681)

Dated: As Signed.

Copy forwarded for information and necessary action to:-

- GM(P)/ECR/HJP for kind information in ref to his letter,dtd.28.11.25 & for n/action please.
- Sr. DSTE/DHN, Dy.CSTE/Works/DHN & Dy.CSTE/Con/DHN,
- CA/Confidential Section, Ch.OS/OS-MPP Cell.
- All SSE/In-charge (Tele/Sig) of S&T Deptt./DHN Divn.
- Ch.OS/IT Cell – Please upload the notification on website,
- Divisional Secretary/ECREU, AISC&STREA & AIOBCREA of DHN Divn/ECR.
- Notice Board in the office.

Annexure – A

APPLICATION/OPTION FOR THE POST OF TECHNICIAN GR.III/TCM(Level-2)
AGAINST LDCE-25% OF S&T DEPTT.

1. Name (in Block Letters) (in Hindi) :
(in English)
2. Design/Level :
3. Station/Working under :
4. Date of Birth :
5. Date of Appointment :
6. PF No./HRMS id :
7. Age as on the date of issue of notification :
8. Educational Qualification (included professional/Technical also)/(Self attested copy of certificates should be enclosed) :
9. Date of entry in present post/Grade :
10. Community (SC/ST/OBC/UR) :
(if SC/ST, self-attested copy of certificate should be enclosed)
11. Present Medical Category :

Affix current
passport photo

Station :

[Signature of Employee]

I hereby declare that particulars furnished above by me are true and best of my knowledge and in any case of them are found false at a later date, I am liable for D&AR action initiated against me by the railway administration.

[Signature of Employee with Date]

Certification by the Controlling Officer

The particulars of the above named employee have been verified from the records available in this office and are found correct. The employee is continuously working in S&T department.

[Signature of Controlling Officer with date & stamp]

Annexure-B

Syllabus for TCM-III

Section-A

- Measuring Instruments:-** Ammeter, Voltmeter, Digital Multimeter, True RMS Multimeter, Megger, Earth tester, T.M.S. , Kit, E1 Tester, Cross Talk Meter, Psophometer, Clamp Meter, Hand Tools (Hammer, Chisel, Wrench, Spanner, Box spanner, Screwdrivers, drilling Machines, Vacuum blowers, Cleaners and its operation), Soldering Iron and soldering Technique & Unkeepment to Tools & Plants etc.
- Telecom Power Supply:-** Cells & Batteries, VRLA Cells, SMPS Power Supply & UPS etc.
- Basic Electricity and Magnetism:-** Series & Parallel circuit, Applications of electricity and Magnetism etc.
- Safety in Train Operations, Disaster Management, Schedule of Dimensions:-** Disasters & Accidents, Communication arrangements during Disaster, Protection of work site and precautions while working in RE area. Etc.
- Telecom Cables (Copper):-** Different Type of Cables used for S&T Applications, Jointing of underground Cable, Cable Route tracer & Cable fault Locator etc.
- Telephone Instruments:-** DTMF Telephone, 4W Control telephone & Periodic Maintenance of Telephone Instruments and its testing etc.
- Passenger Amenities (PA, PIS, IPIS & GPS Clock):-** PA System, GPS Based Digital clocks, Telecom arrangements for public functions including Video Conferencing System etc.
- Electronic Exchange & IP Exchange:-** Different ISDN Exchange in used and overview of SIEMENS Hipath 4000 & Coral flexicom 6000 ISDN Exchanges, Common faults in Electronic Telephone Exchanges & Earthing of an Exchange. Etc.
- Railnet, Wi-Fi system, PRS, UTS & FOIS:-** Railnet and its application in Indian Railway, Wi-Fi system and its implementation in offices, stations & Trains etc.
- Train Traffic Control & VOIP based Control Communication:-** Principles of control working, DTMF Signaling, Emergency Control Communication system.
- Optic fiber Communication and its Applications:-** OFC Cable laying practices, Splicing and termination of OFC etc.
- IP Based Video Surveillance System & ISS:-** Applications of CCTV, Periodical maintenance of IP based Video Surveillance System etc.
- VHF System:-** Type of Power supplies used for VHF sets etc.
- Data Communication and networking:-** Networking elements (Switch, Router, Modem, LAN Extender), OFC/Quad cable connectivity for block circuit, Data Logger, SSDAC, EI & KAVACH etc.

Section:-B

Codes & Manuals:-

- Indian Railway Telecom Manual.
- Accident Manual.
- G & SR.
- Indian railway Schedule of Dimensions.

Section:-C

Railway General:-

- Basic Physics , Maths, General Knowledge, Railway Service Code, The Railway Services (Conduct) Rules-1966, The Railway servants (Discipline and Appeal) Rules-1968 & Establishment.
- Knowledge of HRMS, HMIS, UMID, Basic Knowledge of Computer.

Handwritten signature and date: 4/12/25
 मंडल संकेत एवं संचार अभियन्ता/का
 पूर्व मुख्य रेल, दानबाद
 Signal & Telecom Engineer/का
 East Central Railway, Dhanbad