

**Notification No: JE/PQ 25%/ELS/ELEC/MAS/13/2025**



**SOUTHERN RAILWAY**

No.M/P1(E)608/V/ELS/ELEC/JE PQ

Divisional Railway Manager's Office  
Personnel Department  
Chennai Division  
Chennai -03  
**10<sup>th</sup> February 2025**

**All Supervisory Officials of TRS Car Sheds  
Electrical Department/Chennai Division.**

Sub: Selection for the post of Junior Engineer/TRS in Level 6 of VII PC against 25% Promotional Quota from serving employees of TRS @ Car Shed/Electrical Department.

Ref: 1.This office letter of even no.dtd:01.02.2025  
2.Integrated Seniority list letter No.M/P1(E)612/Seniority of Artisans dt:31.01.2024.

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It is proposed to conduct a selection for the post of Junior Engineer/TRS @ Car Sheds in Level-6 of 7<sup>th</sup> CPC pay matrix in Electrical Department/MAS Division against 25% promotional quota. The community wise breakup of vacancies is furnished below.

Category	Community wise breakup			Total vacancy (Including PwBDS)	PwBDS
	UR	SC	ST		
JE/RS/AVD PQ 25%	-	01	-	01	01#
JE/RS/TBM PQ 25%	02	-	-	02	01#
JE/RS/VLCY PQ 25%	01	-	-	01	01#

*#Category D & HI- Deaf & Hard of Hearing*

**The eligibility conditions and selection process is as under:**

1	<b>Eligible staff to apply</b>	The list of senior most eligible staff working as Sr. Technicians & Technician-I of respective Car Sheds of Chennai Division in Level 6 & 5 of VII PC Pay Matrix and who are in the normal zone of consideration in 1:3 ratio based on their integrated seniority published vide ref(2).above and who have communicated their willingness are alerted to be in readiness for the written examination scheduled to be held shortly is enclosed in <b>Annexure-I</b> .
2	<b>Date of examination</b>	The date, venue and time of written examination will be intimated in due course
3	<b>Medical Fitness</b>	Fitness in AYE THREE medical classification is mandatory for the post of JE/TRS Car Shed.

4	<b>Syllabus</b>	The syllabus prescribed for selection to the post of JE/TRS Car Shed Promotional Quota (PBC 285/2024) is enclosed as <b>Annexure II</b> .
5	<b>Pre-Promotional Training</b>	<p>Pre-promotional training will be organized by the Controlling Officer covering the syllabus for prescribed period for employees belonging to SC/ST communities - in terms of Railway Board's letter No.96-E(SCT)-1/80/1 Pt.XVII dated 15.12.1997 (RBE 174/1997).</p> <p>JE/RS/AVD- PPT will be imparted to SC employees only as the vacancy are earmarked for SC.</p> <p>JE/RS/TBM &amp; VLCY – There is no PPT as the vacancies are earmarked for UR only.</p> <p>In case, if any <b>SC</b> employees express unwillingness for PPT, a written declaration to that effect may be obtained and forwarded to this office for record.</p>
6	<b>Mode of selection</b>	<p>The selection will consist of written examination and perusal of record of service in terms of Railway Board's letter No.E(NG)2000/PN1/41 dated 07.08.2003. Seniority is also a component of the selection.</p> <p>A 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. (APAR, Education Qualification, Penalty/Award)</p> <p>The post of Junior Engineer/Car sheds 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</p>
7	<b>Procedure for Centralized Computer Based Test (CCBT)</b>	<p>The selection consists of written test as per Board's letter No.E(NG)/1/2018/PM1/4 dated 14.12.2018 (RBE 196/ 2018). The Question Paper will be 100% Objective type multiple choice questions.</p> <p>In terms of PBC.No.205/2016, 10% of the total marks will be set on <b>Official Language Policy and Rules</b>. But the questions on the same will not be of compulsory in nature and is purely optional.</p> <p>In terms of PCPO/MAS Letter No. P(R)608/P/Vol. XV(OL) dated 28.06.2019, Question Papers will be in Trilingual (English, Hindi &amp; Tamil language) for the selection.</p> <p>In terms of Railway board letter No.E(NG) 1/2018/PM 1/4 dated 14.11.2019 (RBE 194/2019) there will be <b><u>no negative marking for wrong answer in selections</u></b> against departmental quota where panel is arranged in the order of seniority from those qualified.</p> <p>The written examination will be conducted in Centralized Computer Based Test mode.<b>(PBC.02/2025)</b></p> <p>Electronic devices will not be allowed inside the examination hall and the <b><u>violators of the above guidelines will be taken up under DAR.</u></b></p> <p>In terms of Para 3 of RBE No: 122/2023 in case of the question(s)/answer(s) in the Questions paper are incorrect, the procedure as prescribed in the RB letter No. 2010/E/(RRB)25/27 dated: 09.06.11 is to be adopted only for those candidates who have attempted that/those incorrect question(s) or question(s) with wrong answer(s).</p>
8	<b>Supplementary examination</b>	<p>In terms of IREM Para 223(1) (i) (a) to(c), Supplementary written examination will be conducted only for those employees who are not able to attend the main examination due to following circumstances.</p> <p>I. Those who could not be relieved due to Administrative reasons (or)</p>

		II. Sickness(RMC) of the employee (or) III. Any other reason which is beyond the control of the employee
9	<b>Procedure for Drawal of Panel</b>	A candidate must secure a minimum of 60% marks in the Professional Ability and 60% marks in the aggregate for consideration of placement in the panel and the final empanelment is subject to the availability of vacancies ( <b>PBC 50/2006</b> ). The names of the selected candidates will be arranged in the order of seniority but those securing a total of 80% or more marks in the aggregate will be classified as 'OUTSTANDING' and placed in the panel appropriately in the order of their seniority allowing them to supersede not more than 50% of total field of eligibility.
10	<b>Training after empanelment.</b>	The empaneled employees should undergo training for prescribed period.
11	<b>Notifying the staff</b>	Wide publicity should be given amongst staff mentioned in Annexure-I. The copy of notification should be displayed on notice board and the Supervisor concerned should ensure the same. If any complaint is received from the employees for not being notified of the said notification, supervisory staff concerned will be held responsible.
12	<b>GENERAL</b>	This notification is also available in Chennai Division Personnel Department website at Railnet. <a href="https://www.pbmas.in/notifications/">https://www.pbmas.in/notifications/</a> The supervisors concerned should relieve the employees with photo identification and signature, duly attested by supervisor for the examination as detailed below.

<b>Tentative Schedule for the Selection (PBC No.02/2025)</b>		
<b>Sl.</b>	<b>Details</b>	<b>Schedule</b>
1	PPT	(whichever applicable) To be conducted between 25.02.2025 to 15.03.2025
2	Written Examination & Supplementary Examination	15.03.2025 to 07.04.2025
3	Finalization of Panel	Latest by 21.04.2025

Encl: Annexure I to II.

**(S SANGEETHA)**  
Asst. Personnel Officer/III/MAS  
/Sr. Divisional Personnel Officer/MAS

Copy to: PCPO/MAS  
PCEE/MAS  
PS to DRM/MAS  
SDGM & CVO/MS  
Sr.DEE/RS/AVD  
Sr.DEE/RS/TBM  
DEE/RS/LCY

} for kind information please.

Supervisory Officials – for necessary information & notice board display.  
JE/IT – for uploading in website  
Employee Concerned - Through Supervisor Officials.  
Divl.Secy/SRMU.  
Divl.Secy/DREU  
Divl.Secy/AISC/ST REA.  
Divl.Secy/AIOBC REA.

**Annexure-I**

**List of Eligible Employees of RS/AVD for Selection to the post of Junior Engineer (PQ) 25%.**

Sl.No	PF No.	NAME (S/SRI)	COM	PRESENT STATION
1	15208055452	N.KOTHANDAN	SC	Sr.Tech/RS/AVD
2	15211MAS428	J.SARATH KUMAR	SC	Tech -I/RS/AVD

**List of Eligible Employees of RS/TBM for Selection to the post of Junior Engineer (PQ) 25%.**

Sl.No	PF No.	NAME (S/SRI)	COM	PRESENT STATION
1	15204769661	K. JANARTHANAN	UR	Sr Tech/RS/TBM
2	15204768802	N. RANGARAJAN	UR	Sr Tech/RS/TBM
3	15208052670	V. ELANGO VAN	ST	Sr Tech/RS/TBM
1	15208054496	P. GOVINDAN	UR	Sr Tech/RS/TBM
2	15204771631	G. PRAKASH	UR	Sr Tech/RS/TBM
3	15204771643	B. RAMU	UR	Sr Tech/RS/TBM

**List of Eligible Employees of RS/VLCY for Selection to the post of Junior Engineer (PQ) 25%.**

Sl.No	PF No.	NAME (S/SRI)	COM	PRESENT STATION
1	15204767597	EATHA RAGHUPATHI	ST	Sr.Tech/RS/VLCY
2	15208053145	B.SANTHANAM	UR	Sr.Tech/RS/VLCY
3.	15204771813	S.BALAJI	SC	Sr.Tech/RS/VLCY



PBC No.285/2024

दक्षिणरेलवे Southern Railway  
प्रधानमुख्यकार्मिकअधिकारीकार्यालय  
Office of the Principal Chief Personnel Officer  
प्रधानकार्यालय, कार्मिकविभाग, चेन्नै-600003  
Headquarters, Personnel Department, Chennai-600003

सं/No:P(S)563/VII/Elect/TRS-PRQ & LDCE [Comp.No.520378] दिनांक/Dated:27.12.2024

All PHODs/DRMs/CWMs/CEWE/CAO/CPM/PDA/Dy.CPOs/Sr.DPOs/ Secy to GM,  
Chairman/RRB/MAS, TVC, Addl.Registrar/RCT/MAS, Secretary/RRT/MAS,  
Principal MDZTI/TPJ, ZETTC/AVD, ETC/PER,  
DPOs/SPOs/WPOs/APOs of HQ/Divisions/Workshops/Units.

विषय/Sub: **Syllabus for the post of Junior Engineer/ Electrical/ TRS in Level-6 against 25% Promotional quota and 25% LDCE Intermediate Apprentice quota @ Loco Sheds and Car Sheds of Electrical Department.**

संदर्भ/Ref: 1) Railway Board's letter No.E(NG)/2022/PM1/36 dated 08.02.2024 (RBE No.11/2024) under PBC No.21/2024 dated 13.02.2024.  
2) PCPO/MAS' letter No.P(Co-ord) CCBT/2024 dated 20.11.2024 (PBC No.253/2024).

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The syllabus for the post of **Junior Engineer/ Electrical/ TRS** in Level-6 against **25% Promotional quota and 25% LDCE Intermediate Apprentice quota** approved by PCEE as under, are enclosed for information, guidance and necessary action.

- 1) Junior Engineer / Electrical / TRS (PQ) – Loco Sheds.
- 2) Junior Engineer / Electrical / TRS (LDCE) – Loco Sheds.
- 3) Junior Engineer / Electrical / TRS (PQ) – Car Sheds.
- 4) Junior Engineer / Electrical / TRS (LDCE) – Car Sheds.

This has the approval of the competent authority.

संलग्नक/Encl.: 6 pages.

  
( R. Rajesh Kumar )

Asst.Personnel Officer/C,M&E  
for Principal Chief Personnel Officer

प्रतिलिपि/Copy to: The General Secretary/SRMU  
The General Secretary/DREU  
The General Secretary/AISCTREA  
The General Secretary/AIOBCREA  
The General Secretary/NFIR

IT Section/PB/HQ - to upload on the SR website.

## **SYLLABUS FOR THE POST OF JE/TRS(PQ)/ CS**

### **I. GENERAL:**

- 1 Knowledge of English should be able to carry on- day to day correspondence, submit reports and understand departmental rules safety regulations, etc.
- 2 Should be able to prepare estimates, Schedule of materials and labour for the execution of works, should understand the drawings and sketches and be able to guide and instruct staff under him.
- 3 Should be conversant with the procedure for obtaining and accounting stores, booking of labour and maintaining muster rolls etc.
- 4 Should be conversant with Establishment matters such as DAR, Leave Rules, Pass Rules etc, departmental procedure regarding HOER, Factories Act, Booking of overtime and Stores matters etc.

### **II. OFFICIAL LANGUAGE POLICY AND RULES:**

### **III. TECHNICAL:**

- .1 Should know the principles of electro-magnetism, details of construction and application to various types of electrical machines and appliances such as motors, transformers, Relays etc.
  - 2 Should be fully conversant with different types of windings used in armatures of DC motors & generators, stators and rotors of AC Machines.
  - 3 Should be able to test, locate and rectify faults in armature and field coils of electrical machines and accessories.
  - 4 Should know uses of various types and sizes of wires and cables, their current carrying capacities, different types of installations, windings, binding, baking, shellacing, varnishing etc., including Y, A, B, C, E, F & H class insulation.
  - 5 Should be familiar with the various types of measuring and testing Instruments.
  - 7 Should be conversant with the power and control circuits in the Electrical Multiple Units/MEMU and Electric Locos.
  - 8 Should be fully conversant with operation and Maintenance of machinery such as pumps, transformers, motors, starters and associated protective devices.
  - 9 Should be fully conversant with operation and the maintenance of Air compressors, pumps, hydraulic jacks, vacuum exhausters, EOT cranes, machine tools, welding plants, Lathes and other workshop machinery etc.
  - 10 Should be proficient in the repairs of mechanical components of rolling stock such as bogies under frames, axle boxes, brake gear, draft and buffer gear, body repair work etc., and be conversant in standard moving dimensions, condemning Size of wheels etc.
  - 11 Should be well conversant with safety precautions, rules for safe working on Electrical equipment , GRS for 25 KV OHE traction system, TXR hand book and First aid procedure etc.
  - 12 Should be conversant with Wheel lathe operation and checking of Wheel profile.
  - 13 Should be able to test all control and power circuits, earth connections etc., for electric rolling stock both locos and EMU/MEMUs.
  - 10 Working principles, Maintenance & Troubleshooting of GPS (Global Positioning Systems) provided in EMU coach and its related Hardware & Software. Ensuring the function of the accessories such as (a). Head Code (b). BD-Display Board (C). ICDB-In coach Display Board (d). AAU-Audio Amplifier unit & speakers (e). DDC/TCU-Driver Desk Control/Train Control Unit (f). Antenna connections etc.
  - 11 Should be conversant with activities involved in Trip, IA, IC Inspection Schedules and POH schedule maintenance (Electrical, Pneumatic, Mechanical and Testing portion complete).
  - 12 Should be conversant with the working principle of Air Dryer, Pantograph, Brake Cylinders, pneumatic gauges, pressure switches, safety valves & Parking brake etc. for AC EMU/MEMU & Three phase AC EMU/MEMUs
  - 13 Should be conversant with working principle and maintenance of EP units, Pneumatic valves, Brake controller etc. & Brake system of EMU Coaches.
  - 14 Should be conversant with the Brake testing of EMU/MEMU rakes
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