

Notification No: JE/PQ 25%/GS/AC WING/ELEC/MAS/20/2025



SOUTHERN RAILWAY

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

Divisional Railway Manager's Office
Personnel Department
Chennai Division
Chennai -03
10th February 2025

**All Supervisory Officials of AC-WING/
Electrical Department/Chennai Division.**

Sub: Selection for the post of Junior Engineer/AC-WING in Level- 6 of VII PC against 25% Promotional Quota from serving employees of AC-WING/Electrical Department.

Ref: 1. PBC No. 02/2025 Dated 03.01.2025.
2. Seniority issued for the year 2025

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

Category	Level in VII PC	Community wise breakup			Total vacancy (Including PwBDS)	PwBDs
		UR	SC	ST		
JE/AC-WING PQ 25%	Level- 6	02	--	-	02*	01#

#Category D & HI- Deaf & Hard of Hearing

The eligibility conditions and selection process is as under:

1	Eligible staff to apply	The list of senior most eligible staff working as Sr. Technicians in AC Wing of Chennai Division in Level 6 of VII PC Pay Matrix and who are in the normal zone of consideration in 1:3 ratio based on 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 Annexure-I .
2	Date of examination	The date, venue and time of written examination will be intimated in due course

3	Medical Fitness	Fitness in BEE ONE medical classification is mandatory for the post of JE/AC Wing/GS/Electrical Department.
4	Syllabus	The syllabus prescribed for selection to the post of AC WING /GS Promotional Quota (PBC 07/2025) is enclosed as Annexure II .
5	Pre-Promotional Training	There is no pre promotional training as there are no vacancies earmarked for reserved community.
6	Mode of selection	<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/AC Wing 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	Procedure for Centralized Computer Based Test (CCBT)	<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. In terms of PBC.No.205/2016, 10% of the total marks will be set on Official Language Policy and Rules. 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 & 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 <u>no negative marking for wrong answer in selections</u> 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.(PBC.02/2025)</p> <p>Electronic devices will not be allowed inside the examination hall and the <u>violators of the above guidelines will be taken up under DAR.</u></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	Supplementary examination	<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> <ol style="list-style-type: none"> I. Those who could not be relieved due to administrative reasons (or) II. Sickness (RMC) of the employee (or) III. Any other reason which is beyond the control of the employees
9	Procedure for Drawal of Panel	<p>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 (PBC 50/2006).</p> <p>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.</p>
10	Training after empanelment.	The empaneled employees should undergo training for prescribed period.
11	Notifying the staff	<p>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.</p> <p>If any complaint is received from the employees for not being notified of the said notification, supervisory staff concerned will be held responsible.</p>
12	GENERAL	<p>This notification is also available in Chennai Division Personnel Department website at Railnet. https://www.pbmas.in/notifications/</p> <p>The supervisors concerned should relieve the employees with photo identification and signature, duly attested by supervisor for the examination as detailed below.</p>

Tentative Schedule for the Selection (PBC No.02/2025)		
Sl.	Details	Schedule
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.

Digitally signed
by S SANGEETHA
Date: 2025.02.10
18:05:07 +05'30'

(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/G/MAS
DEE/CHG/MAS
ADEE/CHG/MAS

} 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-1**Selection for post of JE/AC-WING against 25% PQ-ELIGIBLE LIST**

SL.No.	PF.No.	Names (Shri/Smt)	COM	Designation	STN
1	15204458813	R-ABDUL SATTAR	UR	Sr.Tech	AC/MAS
2	15208095164	K GUNASEKARAN	SC	Sr.Tech	AC/MAS
3	15208257796	SANJAY KUMAR	ST	Sr.Tech	AC/MAS
4	15204MAS274	SIMAN TIRKI	ST	Sr.Tech	AC/MAS
5	15208063801	P SARAIVANAN	UR	Sr.Tech	AC/MAS
6	15208248461	R-BASKARAN	SC	Sr.Tech	AC/MAS

06- employees only.

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

सं/No:P(S)563/VII/JE/GS/AC-PRQ & LDCE [Comp.No.520041] दिनांक/Dated:09.01.2025

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/ GS in Level-6 and Junior Engineer/ Electrical/ AC Wing in Level-6 against 25% Promotional quota & 25% LDCE Intermediate Apprentice quota 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).

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

This has the approval of the competent authority.

संलग्नक/Encl.: 3 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.

ANNEXURE - B

**SYLLABUS FOR SELECTION OF ELECTRICAL JUNIOR ENGINEER/PQ IN PAY
BAND Rs.9300-4200+GP 4200-VI PC) PAY MATRIX LEVEL-6 (VII PC)
JE/AC/PRQ & LDCE, GENERAL/AC-WING, JE/GS/PRQ & LDCE**

I. GENERAL

1. Proficiency in English for carrying out day to day correspondence, preparation of technical reports and knowledge of Departmental rules including Indian Electrical Act and Regulations.

2. Knowledge regarding procurement and accountal of stores booking of labour and maintaining muster rolls, Disciplinary and Appeal Rules, Hours of work and period of Rest Rules 2005, (HOER) pass Rules, payment of wages Act, Factory Act and Workmen's compensation Act and other standing instructions issued by the Chief Electrical Engineer.

II TECHNICAL: (Electrical)

3. Should be able to understand and prepare drawing/sketches, wiring diagrams (Schematic) etc., and dimensions of objects connected with the grade.
4. Should be able to prepare schedule of materials and labour for execution of works and for maintenance of Electrical equipments under his control.
5. Knowledge of basic principles of electricity and magnetism AC & DC circuits, AC & DC Motors/Generators with allied starting/Control switch gears, transformers. Should have a basic knowledge of transmission, distribution and utilization of electrical energy.
6. Should be will conversant with safety rules and regulations connected with the working of HT & LT Electrical equipments should also have knowledge of earthing practices and methods for Improving the earth resistance values, should have also knowledge for treatment for electric shock.
7. Should be able to instruct and guide staff working under him diagnose faults, repair, test install and commission LT & HT electrical equipment likemotors,

- starters, generators, alternators, transformers, rectifiers, rotary converters voltage regulators, switch gears equipment etc., of all types.
8. Must have knowledge of various types of conductors and cables, their current carrying capacities as also cable jointing techniques, must also be able to calculate sizes of fuses, switch gears etc., required for electrical installations of LT & HT and SRT circuits. Must have knowledge of power factor and its improvement its merits and demerits in HT & LT net works.
 9. Should have fair knowledge of working and applications of various types of measuring and testing instruments commonly used in Railways and able to maintain electronically controlled machine tools.
 10. Should have fair knowledge of train lighting system and train lighting equipments such as Brushless Alternator, Rectifier, cum Regulator unit, ERRU, Switch equipments and various anti pilferage measure and prevention measures.
 11. Should have a thorough knowledge of storage batteries (lead acid) treatment, maintenance repairs, POH and also maintenance of battery charging equipment, VRLA Batteries.
 12. Should have knowledge of the general principles of refrigeration and air conditioning and their applications operation and maintenance of AC and refrigerating plants in Rolling stock as also in the buildings. Should have fair knowledge of 2.5 and 25 KVA Inverter.
 13. Should have fair knowledge of LHB coaches operated in 750-V AC and its equipments such as Feeder couplers, HV Switching equipments, fuse protection, regulated battery charger, VRLA Battery, BLDC fans; pumps and pump controller.
 14. Should have a fair knowledge of LHB Powercars and its equipments including the operation and maintenance of Diesel Alternator sets (DA Sets)
 15. Working of HOG System
 16. Hotel load converter and interlocking panel.
 17. Emergency feed extension in LHB coaches
 18. Fire prevention measures in coacher and power cars 5. Power flow circuit in LHB AC/TL coaches including ACCNE coaches.

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19. Level of electrical protection in AC/TL coaches.
20. Isolation contactors, RA modifications in Power Cars.
21. Safety in LSLRD and power cars.
22. Basic concepts and working of FDS and FDSS
23. RMPU and control panel, Power panel in SG AC coaches
24. RMPU and SBC control panel in LHB AC coaches
25. Maintenance schedules of coaches and power cars.
26. 750W power supply system.



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Headquarters, Personnel Department, Chennai-600003

सं/No:P(S)563/VII/JE/GS/AC-PRQ & LDCE [Comp.No.520041] दिनांक/Dated:30.01.2025

All PHODs/DRMs/CWMs/CEWE/CAO/CPM/PDA/Dy.CPOs/Sr.DPOs/ Secy to GM,
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Principal MDZTI/TPJ, ZETTC/AVD, ETC/PER,
DPOs/SPOs/WPOs/APOs of HQ/Divisions/Workshops/Units.

विषय/Sub: **"ADDENDUM" – Syllabus for the post of Junior Engineer/ Electrical/ GS in Level-6 and Junior Engineer/ Electrical/ AC Wing in Level-6 against 25% Promotional quota & 25% LDCE Intermediate Apprentice quota of Electrical Department.**


संदर्भ/Ref: PCPO/MAS' letter No.P(S)563/VII/JE/GS/AC-PRQ & LDCE [Comp.No.520041] dated 09.01.2025 under PBC No.07/2025.

The syllabus for the post of Junior Engineer/ Electrical/ GS in Level-6 and Junior Engineer/ Electrical/ AC Wing in Level-6 against 25% Promotional quota & 25% LDCE Intermediate Apprentice quota approved by PCEE, has been enclosed vide PBC No.07/2025 cited above.

The following may be added at Para.III of syllabus under PBC No.07.2025.

Para.III : "OFFICIAL LANGUAGE POLICY AND RULES"

This is for information, guidance and necessary action.


(M. Syed Sirajuddin)
Asst.Personnel Officer/SMO
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.