

SOUTHERN RAILWAY

No. M/P(M) 608/VI/JE/DSL/MECH/PQ/Vol-VI

Divl. Railway Manager's Office,
Personnel Branch, Chennai Division.

Date: As signed

Notification No:14/2025

DME/DSL/TNP

Sub: Selection for the posts of JE/DSL/MECH in Level 6 of VII PC
against 25% Promotional Quota - Mech Dept. Chennai Division.

Ref: This office even No letter Dated: 30.01.2025

It is proposed to conduct a selection for the post of Junior Engineer/DSL/MECH of Mechanical department of Chennai division in Level-6 of VII PC Pay Matrix against 25% Promotional Quota. The break-up of vacancies is detailed below:

Category	UR	SC	ST	Total
JE/DSL/MECH	1	0	0	1

- 1 post reserved for PwBD category ie. (c)Locomotor disability (OA- One Arm, OL- One Leg, DW- Dwarfism, AAV- Acid Attack Victim)

The eligibility conditions and selection process are as under: -

1.	Eligibility	The Final list of senior most eligible staff working as Sr.Technicians of DSL/Mech/TNP in Level-6 of VII PC Pay Matrix of Mechanical Department Chennai Division who are in the normal zone of consideration in the ratio 1:3 based on their seniority 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 (B-1) medical classification is required for the post of Junior Engineer/DSL/MECH in Level-06 of VII PC Matrix.
4.	Syllabus	The syllabus prescribed for selection to the post of JE/DSL/MECH against 25% Promotional Quota (PBC No:278/2024) 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	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. 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. The post of Junior Engineer 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. In terms of PBC 204/2024 the written examination will be conducted under Centralized Computer Based Test (CCBT) mode.

7.	Procedure of written examination	<ul style="list-style-type: none"> • 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. • 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. • 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</u> in selection against departmental quota where panel is arranged in the order of seniority from those qualified. • In terms of PBC 253/2024 the written examination shall be conducted in <u>CCBT mode</u>. • 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> • 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).
8.	Supplementary written 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> <ul style="list-style-type: none"> • Those who could not be relieved due to Administrative reasons (or) • Sickness(RMC) of the employee (or) • Any other reason which is beyond the control of the employee
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.</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	<p>The employees empanelled will be required to undergo training for period prescribed.</p>

11. Notifying the staff

- 11.1 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.
- 11.2 If any complaint is received from the employees for not being notified of the said notification, supervisory staff concerned will be held responsible.

12. GENERAL:

- This notification is also available in Chennai Division Personnel Department website at Railnet.
<https://www.pbmas.in/notifications/>
- The supervisors concerned should relieve the employee with photo identification and signature, duly attested by supervisors for the examination as detailed below.

The above notification may be circulated to all concerned.

This has the approval of competent authority

Tentative Schedule for the Selection (PBC No:02/2025)		
Sl.	Details	Schedule
1	Written Examination & Supplementary Examination	15.03.205 to 07.04.2025
2	Finalization of Panel	Latest by 21.04.2025

Encl: Annexures I, II.

(V.K.SIVAKUMAR)
Asst.Personnel Officer/MAS
/ Sr.Divl.Personnel Officer/MAS

Copy to: DS SRMU , DS DREU
DS AI SC/ST REA
DS AI OBC REA

Annexure-I

The list of senior most eligible staff are alerted to selection for the post of JE/DSL (Mech) against 25% PQ

Sl.No	PF No.	HRMS ID	NAME (S/SRI)	COM	PRESENT STATION
1	15204778868	HZOGUR	M.SRINIVASAN	ST	Sr Tech/DME/DSL/TNP
2	15204779046	OQSKDO	M.SYED AMJAD	UR	Sr Tech/DME/DSL/TNP
3	15204762265	ESFJUE	C.JAYASANKAR	SC	Sr Tech/DME/DSL/TNP



PBC No. 278/2024

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/IV/Mech/JE/Dsl/Mech/PRQ [Comp. No.520231] दिनांक/Dated:26.12.2024

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

विषय/Sub: **Syllabus for the post of Junior Engineer/ Diesel(Mechanical)
in Level-6 against 25% Promotional quota / Mechanical
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/ Diesel(Mechanical)** in Level-6
against **25% Promotional quota** approved by PCEE is enclosed for information,
guidance and necessary action.

This has the approval of the competent authority.

संलग्नक/Encl.:2 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 Selection to the post of Junior Engineer/Diesel (Mechanical) in Level-6 against 25% Promotional quota/Mechanical Department

S.No Subject

Technical

- 1 Basic principles and working of Diesel Engines - ALCo & High Horse Power (HHP) Diesel locomotives (External & Internal combustion engine, Spark ignition & Compression ignition engine, Four stroke and Two Stroke engine.
Classification of Diesel Engine)
- 2 Knowledge of the following systems (ALCo & HHP locos)
 - Engine Power Pack assemblies
 - Fuel oil, Lube oil, Cooling water & Air intake system
- 3 Basic principles & Functioning of Indian Railway Air Brake (IRAB) and Computer Controlled Brake (CCB) air brake system
- 4 Types of air brake valves and its function. Operational procedure of multiple unit. Conducting of Airbrake self-test & MU setup for HHP locos.
- 5 Knowledge of air compressor both Air and Water cooled
- 6 Knowledge of design features of high adhesion bogies, Tri mount cast bogies, equalizer less bogies. Knowledge of High Tensile Steel Cast (HTSC) bogies and its components.
- 7 Important clearances in bogies, testing of springs, dampers, equalizing beams, compensating beams, etc. Knowledge of wheel gauge widening and measurement of wheel profile.
- 8 Knowledge of reading various drawings and its symbols
- 9 Knowledge on types of filters (Fuel, Lube & Air), types of Lube Oil coolers, Lube Oil Centrifuge & Air dryers.
- 10 Basic principles & Functioning of Engine Governors
- 11 Vital parameters of different types of Diesel locos (ALCo & HHP)
- 12 All safety devices in Diesel locomotives (ALCo & HHP)
- 13 Safety checks to be conducted on locomotive (including fire safety), before dispatch (ALCo & HHP)
- 14 Knowledge of various Preventive maintenance schedules of diesel Locos (ALCo & HHP)
- 15 Knowledge of locomotive working as multiple units, Banker and Dead (ALCo & HHP)
- 16 Basic knowledge and interpretation of CMT lab report on Lubricants, Coolant water & Fuel Oil
- 17 Knowledge of Lubricants, Coolants, Cleaning Compounds for Diesel locomotives (ALCo & HHP)
- 18 Knowledge of Non Destructive Testing methods like Die Penetrant Test (DPT), Magnaflex, Zyglo, Ultrasonic etc..
- 19 Knowledge on the Self & Water Load box testing procedures, its interpretation and action to be taken
- 20 Calculation of Specific Fuel Consumption (SFC) and action taken to improve SFC
- 21 Knowledge on the Handling of different mechanical tools/instruments & Gauges like Power wrenches, Torque multipliers, Vernier caliper, Wheel profile gauges, Temperature measurement gauges etc.
- 22 Trouble shooting knowledge in Diesel locos (ALCo & HHP)
- 23 Safety precautions to be taken at work place & Over Head Equipment (OHE) safety precautions.
- 24 Fire prevention measures and firefighting to be followed in the locomotive as well as in the shed
- 25 General stores procedures- Indenting Stock & Non- Stock items and stocking procedure through User Depot Module (UDM)
- 26 Basic knowledge on material management in liaison with stores
- 27 Knowledge on readings to be taken in loco involved in derailments
- 28 Acronyms and abbreviations used in railways

General

1 Establishment

General knowledge regarding Railway working, Pass rules, Leave rules, Disciplinary and Appeal Rules (DAR), Conduct Rules, Workmen Compensation Act (WCA), Hours of employment Regulation (HOER), etc.,

2 Official Language Policy

Official language policy of Government of India and Indian Railways