

दक्षिणरेलवे SOUTHERN RAILWAY

सं.No.SA/P.608/IV/ELS/JE/LDCE 25%/ E-256181

मंडलकार्यालय /Divisional Office,
 कार्मिकशाखा /Personnel Branch,
 सेलम/ Salem 636 005
 दिनांक /Date: 23.06.2025

Sr.DEE/RS/ED

Sub: Selection for the post of **Junior Engineer** in Pay Matrix Level-6 against
25% LDCE in Electrical TRS department- reg

Ref: 1) This Office Notification letter No.SA/P.608/IV/ELS/JE/LDCE/ E-256181 dated
 30.01.2025.

2) This office Alert Notice of even No. dated. 16.06.2025

With reference to the letters cited above, for the selection for filling up of **5 vacancies (SC-01, ST- 01, UR-03)** of Junior Engineer in Pay Matrix Level-6 against 25% LDCE in Electrical TRS department, the following SC/ ST employees have expressed their willingness to appear for the written examination for above selection.

Pre-promotional training covering the entire syllabus for 3 to 4 weeks (15 to 20 working days) may be conducted for the above employees as early as possible, and the date of commencing the training may be advised to this office.

SC/ST employees willing to appear for the written examination with or without undergoing Pre—promotional training may do so duly giving a letter to that effect.

The copy of the syllabus is enclosed

Sl. No.	PF No.	Name of the Employee (S/Shri)	Com	Designation / Station
1	15650600138	T SARATH	SC	SR.TECH/ELS/ED
2	15650602706	R K PAL	SC	SR.TECH/ELS/ED
3	15660805869	MANCHALA SURESH	SC	SR.TECH/ELS/ED
4	15650702488	S BALAJI	SC	TECH GR.I/ELS/ED
5	15650400101	C MURUGAVEL	SC	TECH GR.I/ELS/ED
6	15650400186	V UMASANKAR	SC	TECH GR.I/ELS/ED
7	15661210729	C M SHIJU	SC	TECH GR.I/ELS/ED
8	15661210778	NAMONARAYAN MEENA	ST	TECH GR.I/ELS/ED
9	15661400051	B UVARAJ	SC	TECH GR.I/ELS/ED
10	15661400282	K BAVITHA	SC	TECH GR.I/ELS/ED
11	15661404550	BAL RAM MEENA	ST	TECH GR.I/ELS/ED
12	15661404470	RAJVEER SINGH MEENA	ST	TECH GR.I/ELS/ED
13	15660802716	M KALAISELVAN	SC	TECH GR.I/ELS/ED
14	15650806660	V R SENTHIL KUMAR	SC	TECH GR.I/ELS/ED
15	15606F00093	R SURIYANARAYANAMURTHI	SC	TECH GR.I/ELS/ED
16	15606F00186	S MOHANKUMAR	SC	TECH GR.I/ELS/ED
17	15661204572	KALURAM MEENA	ST	TECH GR.I/ELS/ED
18	15608F00011	R VEERARAGAVAN	SC	TECH GR.I/ELS/ED
19	15661603867	RAMJI LAL MEENA	ST	TECH GR.I/ELS/ED

20	15661603879	RAGESH MEENA	ST	TECH GR.I/ELS/ED
21	15661603880	SANWAL RAM MEENA	ST	TECH GR.I/ELS/ED
22	15661603958	C SARAVANAN	SC	TECH GR.I/ELS/ED
23	15661603892	RAJESH MEENA	ST	TECH GR.I/ELS/ED
24	15661603909	JEETENDRA KUMAR MEENA	ST	TECH GR.I/ELS/ED
25	15661603910	RAMRAJ BAIRWA	SC	TECH GR.I/ELS/ED
26	15661604690	HARIDAS P	SC	TECH GR.I/ELS/ED
27	15661604707	BAHADUR SINGH KOLI	SC	TECH GR.I/ELS/ED
28	15661603922	ASHAR RANJAN SETHY	SC	TECH GR.I/ELS/ED
29	15661408610	MANOJ KUMAR MEENA	ST	TECH GR.I/ELS/ED
30	15661408578	MUKESH CHAND MEENA	ST	TECH GR.I/ELS/ED
31	15661408591	MUKESH KUMAR MEENA	ST	TECH GR.I/ELS/ED
32	15661502730	G BEENA	SC	TECH GR.I/ELS/ED
33	15661403787	S DINESH KUMAR	SC	TECH GR.I/ELS/ED
34	15629803700	K REMESH	SC	TECH GR.I/ELS/ED
35	15661403775	S EANGELS	SC	TECH GR.I/ELS/ED
36	15661403799	C KRISHNAN	SC	TECH GR.I/ELS/ED
37	15661408669	DINESH KUMAR MEENA	ST	TECH GR.I/ELS/ED

Encl: As above

Digitally Signed by
Ramakrishnan G
Date: 23-06-2025 16:15:52
Reason: Approved

सहायककार्मिकअधिकारी/ऑपरेशन्स
Assistant Personnel Officer/Operations
कृतेवरि.मंकाधि/सेलम
For Divisional Personnel Officer/SA

Copy To: PCPO/MAS, for kind information please
OS/Confdl Sec, SSE/G/ELS/ED, Ch.OS /ELS/ED, OS/IT/PB to upload in website.
DS/SRMU, DS/DREU, DS/AI SC &ST/REA & DS/AIOBC/REA

Annexure- B

SYLLABUS FOR THE POST OF JE/TRS(LDCE)/ Loco Sheds**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:****(A). MECHANICAL:**

- 1 Should know the general Mechanical principle and their applications.
- 2 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.
- 3 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.
- 4 Should be thoroughly conversant with re-metaling of-suspension bearings and overhauling procedure of-Axle Roller bearings.
- 5 Should be conversant with the mechanical equipment such as gauges used for checking dimensions etc.
- 6 Should be proficient in the use of various type of paints and primers their specification and covering capacity etc.
- 7 Should understand the drawing and specifications of mechanical components of rolling stock.
- 8 Should be fully conversant for the process of preparation of surfaces for basic and final coats of primers and paints mixing to the correct shades, prevention-against corrosion in Locos.
- 9 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.
- 10 Identification of Corrosion and its related repair activities in Locos
- 11 Should be conversant with the different Welding Techniques.
- 12 Should be conversant with Wheel lathe operation and checking of Wheel profile.

(B). PNEUMATIC:

- 1 Should be conversant with the working principle of Air Compressors, Air Dryer, Pantograph, Brake Cylinders, pneumatic gauges, pressure switches, safety valves & Parking brake etc. for conventional and Three phase Locos.
- 2 Should be conversant with working principle and maintenance of Pneumatic valves, Brake controller etc. & Brake Electronics system of Three phase Locos.
- 3 Should be conversant with the laying and repair of Pneumatic Pipe lines and fittings.
- 4 Should be conversant with the Brake testing of conventional and three phase Locos.

(C). ELECTRICAL:

- 1 Should know the principles of electro-magnetism, details of construction and application to various types of electrical machines and appliances should as motors, transformers, Relays etc.
- 2 Should be fully conversant with different types of windings used in armatures of DC motors and 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.

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- 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 conversant with the procedures in drying out and impregnating armatures etc. and operations and repairs of the impregnating plant.
 - 6 Should be familiar and conversant with the various types of measuring and testing Instruments.
 - 7 Should be fully conversant with operation and Maintenance of machinery such as pumps, transformers, motors, starters and associated protective devices.
 - 8 Should be proficient in the details of and the electric traction equipment in locomotives as well as EMUs.
 - 9 Should be familiar with Fire detection unit, flasher and safety item provided in Locos.
 - 10 Should be able to test all control and power, control and auxiliary circuits of conventional as wells as Three phase Locos.
 - 11 Should be familiar with activities involved in Trip, IA, IB, IC Inspection Schedules and TOH/IOH/POH schedule maintenance (Electrical, Pneumatic, Mechanical and Testing portion complete).
 - 12 Should be conversant with all type of brake system in both Locos and EMUs
 - 13 Should understand latest developments in LOCO like KAVACH, VCB, SIV, FDCS and VCD etc.
 - 14 Should be familiar with basic functions of GTO/IGBT, SR, BUR, VCU and its working in Three Phase Locos.
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