



SOUTH CENTRAL RAILWAY

Office of the DRM/P,
Personnel Branch,
Sanchalan Bhavan,
Secunderabad.

No.SCR/P-SC/210(a)/DLS/KZJ/JE/PRQ

Date: 08.11.2021

JE/DLS/KZJ (PRQ) Notification

Sub: Formation of panel for filling up of the post of Junior Engineer/DLS/KZJ of Electrical wing in Level-6 of 7th CPC Pay Matrix against 25% Promotional quota in DLS/KZJ, Mechanical Department of Secunderabad Division - Reg.

Ref: Sr.DME/DLS/KZJ's letter No.C/M/DLS/KZJ/30/21 dated 01.11.2021.

- 1.0 It is proposed to conduct a selection for formation of panel for promotion to the post of JE/DLS/KZJ of Electrical wing in Level-6 of 7th CPC Pay Matrix against 25% Promotional quota in DLS/KZJ, Mechanical Department of SC Division. The details of vacancies are as under:

Category	Quota	Level (in 7 th CPC)	UR	SC	ST	Total
JE/DLS/KZJ	25% PR Quota	Level-6	01	---	---	01

2.0 Conditions of eligibility:

- 2.1 Three times of senior most Sr.Tech employees of (Electrical wing) to the number of vacancies will be called for selection in terms of Para-215(e)of IREM Vol-I.
- 2.2 The following employees working in the immediate lower grade i.e. Sr.Tech/DLS/KZJ are called for selection in the order of seniority and on the basis of willingness communicated vide Sr.DME/DLS/KZJ's letter under reference.

Sl.No	PF.No	Name (S/Sri/Smt)	Community	Design/Station
1	24210051922	P.Raji Reddy	UR	Sr.Tech/DLS/KZJ
2	24211517475	R.Srinivasa Rao	ST	Sr.Tech/DLS/KZJ
3	24203680988	A.Ramesh Narsaiah	UR	Sr.Tech/DLS/KZJ

- 2.3 The list of above employees is final. If one or more employees mentioned above give unwillingness for selection on a subsequent date, additional persons will NOT be called to compensate for him/them in terms of Note-2 of Para-215(e)of IREM Vol-I.
- 2.4 The above employees may be notified about the notification and clear acknowledgement may be obtained. In case of any employees, who are on leave/sick list/on line, copy of notification may be sent to their home address.

3.0 Pre-selection training:

- 3.1 Since, the vacancies are not meant for SC/ST employees there will be no pre-selection training .

4.0 Syllabus:

- 4.1 Syllabus for the written test is enclosed as Annexure 'A'.
- 4.2 There shall be questions on Official Language policy & Rules upto 10% of marks. However, it is not mandatory to attend the same.

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5.0 Sample Questions:

- 5.1 Sample Questions are available on official website - www.scr.indianrailways.gov.in. the same may be downloaded.
- 5.2 Sample Questions are only indicative in nature but not exhaustive. The examinees are advised to update their knowledge keeping in accordance with the change of technology and job requirement with latest Rules/circulars/policies.

6.0 Date & Venue of written examination:

- 6.1 The date of written examination and venue will be informed at a short notice. Hence, employees are advised to be in readiness for written examination.
- 6.2 Supplementary written test will be conducted if necessary, in respect of staff who could not attend to the scheduled written examination for the reasons as envisaged in Para-223 of IREM Vol-I.

7.0 Mode of selection:

- 7.1 The post of JE/DLS/KZJ being a safety one, there will be no relaxation in qualifying marks, for employees belonging to SC/ST community. They have to secure minimum 60% of marks in written test & 60% in aggregate on par with UR employees (Para 10.1.1 of S.C.No.320/1999).
- 7.2 The selection consists of Written Examination, Perusal of Record of service and Medical Examination.
- 7.3 **Professional Ability** will be adjudged through written examination only. The employees must secure a minimum 60% marks in professional ability and 60% marks of the aggregate for being placed on the panel.
- 7.4 **Written Examination** will be objective type multiple choice question paper consisting of 110 questions (including 10 questions on Official Language Rules), of which employees are required to answer any 100 questions.
- 7.5 If the employee attempts more than 100 questions, the first 100 attempted questions will ONLY be evaluated. The questions attempted beyond first 100 questions will NOT be evaluated and ignored.
- 7.6 To ensure authenticity of the answers, **Cutting, over writing, erasing or alteration** of any type in the answer will NOT be accepted. Zero marks will be given for answers having correction or overwriting or alteration. The employees are strictly advised to note that such type of questions are treated as attempted questions i.e. they will be included in the first 100 attempted questions.
- 7.7 **No negative Marks:** There shall be NO negative marking for incorrect answers as selection is against promotional quota (PCPO/SC's SC No.159/2019).
- 7.8 The duration of examination will be 120 minutes.
- 7.9 Further provisions of PCPO/SC's SC No.212/2018 will be applicable for the said written examination.

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710 **Medical Examination:** Employees qualified in written test must be fit in the requisite medical classification. In the event of not meeting the requisite medical classification, their names will be dropped.

7.11 **Eligibility for empanelment:** On being found fit in prescribed medical classification, the names of selected employees shall be arranged in the order of seniority on the basis of factors/procedure in terms of Para-219 of IREM Vol-I in respect of this selection and in terms of PCPO/SC's Lr. No. P(R)605/XI, dt:22.08.07.

7.12 **Training:** The empanelled employees are required to undergo training for a period of 13 weeks in terms of PCPO/SC's SC No.22/2018.

8.0 Notifying to the staff:

8.1 The controlling officer/supervisor shall give wide publicity of the notification to all the eligible staff of Mechanical Department, DLS/KZJ of SC Division and notification should be displayed at conspicuous place. It is the responsibility of controlling officer/supervisor to circulate the notification among the staff concerned.

8.2 In terms of Railway Board's Lr.No.E(NG)I-72/PM1/166, dated 26.06.1972, PCPO/SC's S.C.No.213/72, the Senior Subordinate/Supervisor concerned has to furnish a certificate that "the eligible employees were duly notified of the holding of the test and asked to submit their applications duly giving their willingness and forward the same to Sr.DPO/O/SC" should be the personal responsibility of the Senior Subordinate/Supervisor to complete the formality in this respect. It is further advised that any other communication received in respect of the selection should invariably be intimated to all the eligible employees. In case of non receipt of any communication the same may be obtained from the Personnel Department or from the Controlling Officer. Any laxity in this regard will be viewed seriously.

8.3 The Notification, Sample Questions are placed on SCR website:

(www.scr.indianrailways.gov.in→About us→ Divisions→Secunderabad→ Personnel Question Banks→ JE/DLS/KZJ-2021(SI.No.42)

This issues with the approval of Competent Authority.

Encl: Syllabus (Annexure-A)


(D.NARASIMHA)
APO-M&EL/SC
for Sr.DPO/SC

Copy to:

- 1) Sr.DME/DLS/KZJ 2) SDGM/Vig./SC (kind attention of Dy.CVO/P/SC)
- 2) OS/Selection Cell 4) OS/IT Cell: for uploading in website.
- 3) DSS/SCRES/SCRMU/AISCSTREA/SCROBCREA/SC division.

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Syllabus for Selection of JE against 25% PRQ- DSL Electrical

1. Knowledge of basic principles of electricity –Ohms law. Kerchief law resistance, generators, motors, capacitors, inductors, silicon control rectifiers, inductors, units, terminology and related to electrical equipment of all types of diesel locomotives, and diesel units maintained by the shed.
2. Simple calculation in basic electricity.
3. Knowledge of various tools and precision instruments required of maintenance of electrical equipment like multi meter, Megger, Clip on meter, Frequency meter, etc..
4. Knowledge of all types of diesel locomotives. DEMUs and diesel units maintained by the shed Constructional details, functioning, Preventive maintenance schedules, testing and Trouble shooting.
5. Knowledge of functioning, maintenance and testing of the following equipments (applicable only those maintained by shed)
 - a) Actuator
 - b) Fuel shut off solenoid
 - c) Self starter motor
 - d) Fuel pump motor
 - e) Crank case exhaust motor
 - f) Battery charging alternator
 - g) Speedometer
 - h) Tachometer
 - i) Traction alternator /generator of different types
 - j) Traction motor (DC & AC 3 phase)
 - k). Electrical auxiliary machines
 - l) .ECC
 - m) Dynamic brake in diesel locos
 - n) Contactors, circuit breakers and relays
 - o) BKTs & Reversors
 - p) Rectifier panels
 - q) Dust exhaust blower motor/ filter blower motor
 - r) Governor booster pump motor, WWG and MCBG governors
 - s) Head light and its resistors
 - t) Radiator fans and TCC blowers of HHP loco
6. Working principle of different of different types of excitation system in various types of diesel locomotives and diesel units maintained by the shed.
7. Knowledge of electrical safety devices like LWS, OPS, PCS, EPD, GFOLR, etc (applicable only those maintained by shed)
8. Knowledge of reading various drawing and circuits related to electrical systems.

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9. Knowledge of wiring harness , Physical layout of wire harness , car body cables and terminal boards.
10. Knowledge of conducting load box test and adjustment required to be made for all types of locomotives and diesel units maintained by shed.
11. Knowledge of locomotives working in multiple units, MU setup and precautions to be taken while making MU.
12. Dual cab setup in WDG4D locomotives.
13. Knowledge of latest developments such has REMMLOT , APU,DPCS.
14. Safety precautions to be taken at the work place.
15. Fire prevention measures and fire fighting to followed in the locomotive as well as in the shed
16. Knowledge of Indian electricity Rules & Acts.
17. General store procedure indenting of stoke and non-stoke item and stocking procedure.
18. Knowledge of Establishment rules like HOER, WCA, Leave rules, Pass rules, D&A rules, conduct rules and Office language policy.
19. Knowledge on RSP, M&P Programme , PWP,LSWP, etc....
20. General knowledge of Railway Establishment and their functions.
21. Knowledge of Raj-basha, Computer, E-mail etc..

Signature

Signature of 01/07/24