

SOUTH CENTRAL RAILWAY



No.SCR/P-SC/210(a)/EL(TRD)/Tech-III/TRD (UW)/LDCE

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

Date: 09.11.2020

NOTIFICATION

Sub: Selection to the post of Technician Gr.III/TRD (unified wing) in Level-2/GP Rs.1900, against 25% LDCE quota/Qualified Staff quota in Electrical(TRD) Organization of Secunderabad Division - Reg.

It is proposed to fill up vacancies of Technician Gr.III/TRD (unified wing) as mentioned below in Electrical (TRD) Organization of SC Division, against 25% LDCE quota/Qualified Staff quota:

Category	Quota	7 th CPC	UR	SC	ST	Total
Tech-III/TRD (UW)	25% LDCE Quota	Level-2	10	02	01	13

The other details are as under:

1	Application	Employees are advised to apply in prescribed Proforma application enclosed.
2	Eligible staff to apply	All serving Assistant/TRDs (erstwhile Helpers) of Electrical (TRD) Department only.
3	Educational Qualifications	10 th class or its equivalent. (In terms of List of Designated Trades under the Apprentices Act, 1961).
4	Service conditions	a) Volunteers should have rendered a minimum of two years of service (residency period) in the above mentioned erstwhile Group-D categories (in terms of CPO/SC No.66/2017) b) In terms of CPO/SC Lr.No.P(R)605/XI, dt: 18.06.2009, all the employees volunteering for above post including SC/ST who have satisfactorily completed two years period of probation in the recruitment grade need only apply. c) Casual Labour/Substitute service rendered after conferment of temporary status before regular absorption will be counted as service for promotion to Group-C post subject to satisfactory completion of period of probation of two years in regular employment.
5	Staff joined on request transfer on bottom seniority in this Division.	Service rendered by them in the old unit may be reckoned for determining their eligibility in the new unit subject to :- (i) The condition that the service so allowed to be counted does not exceed the length of service of their immediate senior in the new unit (In terms of CPO/SC No.41/2006) (ii) He/she is otherwise eligible to be considered for the selection to Group 'C' posts as per the extant rules; and the category in which he was working in the old unit is an eligible category for the selection/post in the new unit also. (In terms of CPO/SC No.117/2006).

6	Cut-off date	Must have completed two years of service as on date of issue of notification (In terms of CPO/SC No.131/2006) i.e. must have joined on or before 09.11.2018 duly observing the S.No.4 & 5 above.
7	Syllabus	Enclosed at Annexure-A. There shall be questions in official language policy & Rules upto 10% of marks. However, it is not mandatory to attend the same.
8	Question Bank	Uploaded in SCR website - www.scr.indianrailways.gov.in . It may, however, be noted that there will not be any mandatory limit of questions from the question banks only. Secondly, holding of selections will not be postponed/delayed due to non-circulation of question banks. (CPO/SC No.196/2006) Question bank is only indicative in nature but not exhaustive. The examinees are advised to update their knowledge with latest Rules/circulars/policies.
9	Pre-selection /pre-promotion training to eligible SC/ST employees	Pre-selection training must cover the syllabus of the examinations to be conducted for selections to Safety Category posts and should be imparted as far as possible in the Zonal Training Schools/System Technical Schools for a period of 3-4 weeks. (In terms of CPO/SC No.41/1998). In case any reserved community employee(s) is unwilling to undergo pre-selection training, a written unwillingness shall be obtained and sent to this office for record. After completion of pre-selection training, a certificate is to be issued by controlling officer that all eligible SC/ST employees have been imparted pre-selection training for a period of 3-4 weeks.
10	Mode of selection	All the staff, who volunteers and fulfill the conditions prescribed thereon would be subject to a selection. The selection shall consist of written examination (Professional ability) and Record of service (In terms of SC No. 144/2003 & 188/2003).
11	Written Examination	(a) <u>Written Examination</u> : The written examination will be 100% objective type consisting of 110 questions (Including 10 questions of Official Language Rules), of which candidates are required to answer any 100 questions. (b) If the candidate answers more than 100 questions, the first attempted 100 questions will be evaluated. (c) The duration of examination will be 120 minutes. (d) Candidate may note that there shall be negative marking for incorrect answers. One-third of the marks allotted for each question will be deducted for wrong answers (CPO/SC No.159/2019). (e) Cutting, overwriting, erasing or alteration of any type in the answer will not be accepted. Zero marks will be given for answer having cutting/overwriting/erasing or alteration. (f) Further provision of RBE No.196/2018 (SC No.212/2018) will be applicable for the said written examination.
12	Supplementary examination	As this selection is being held by calling for volunteers, there will be no supplementary examination.
13	Medical classification	Should be found fit in BEE ONE (B-I) at the time of empanelment.
14	Empanelment	(a) In terms of CPO/SC No. 95/2009 and 15/2014, the final panel will be drawn in the order of merit based on aggregate marks of Professional Ability and Record of Service. However, a candidate must secure a minimum of 60% marks in Professional Ability and 60% marks in the aggregate for being placed on

		panel. There will be no classification of candidates as "Outstanding" (RBE No.113/2009 circulated as SC No.95/2009). (b) There will be no relaxation in qualifying marks for candidates belonging to SC/ST community. They have to obtain minimum 60% in written test and 60% in aggregate.
15	Training after empanelment, Trade Test & Promotion	a) The empanelled employees who do not possess ITI in relevant trade have to undergo training for a period of 06 months and on completion of training, they are subject to trade test. However, Trade Test will be conducted to empanelled employees possessing ITI in the relevant trade in terms of CPO/SC No.67/1998. b) Their promotion to the post of Tech-III is subject to passing of Trade Test. c) The empanelled employee will be tested periodically during the prescribed training period. If he does not make satisfactory progress or do not show any improvement, he will be declared unsuitable for promotion.
16	Absorption in working post/ Promotion and seniority	a) On promotion to the said category, they will further progress in the respective trade only and they will not have any prescriptive right to claim for change of trade at a later date. b) The seniority of staff on promotion in skilled trade will be regulated in terms of Para-302 of IREM i.e. with reference to the date of promotion (after passing the trade test) (CPO/SC No.95/2009 and 67/1998) c) They will be on probation for a period of 12 months from the date of absorption in working post.

17.0 Notifying the staff:

- 17.1 Wide publicity should be given amongst eligible staff of Electrical Department. The copy of notification should be displayed on notice board at a conspicuous place. All the Supervisors concerned should ensure the same.
- 17.2 Staff, who are on deputation/leave/sick should also be notified to enable them to submit their applications through proper channel in time. It is the responsibility of the supervisor concerned to bring the notification to the notice of staff on deputation/leave/sick under clear acknowledgement and should be forwarded to this office without fail.
- 17.3 If any complaint is received from the employees for not being notified of the said notification, supervisory staff concerned will be held responsible.

18.0 How to apply:

- 18.1 Employees should submit the application in the prescribed Proforma through proper channel enclosed as Annexure-B.
- 18.2 The application should be on good quality of A-4 size paper using one side only.

18.3 Enclosure to the application:

- (i) Attested photocopies of 10th class or equivalent certificates
 - (ii) Attested copy of community certificate in case of employees belonging to SC/ST community.
 - (iii) Attested copies of Awards received.
 - (iv) Details of charge sheet/penalties if any.
- 18.4 They should fill up the application form in their own hand writing in block letters with blue or black ball point pen only.

- 18.5 All relevant columns in the application should be filled completely & strike out the inapplicable columns and forwarded duly signed by the controlling supervisor/officer wherever required or otherwise same will not be considered.
- 18.6 Employee should paste the recent photograph on the application which shall be attested by the concerned supervisor/officer.
- 18.7 Employee should ensure that their Name, Father's Name, Date of Birth should exactly match as recorded in Matriculation or equivalent certificate. In case any candidate has formally changed the name, then gazette notification should be submitted. Such candidates should indicate their changed name. However, other details should match with the matriculation certificate.
- 18.8 Candidates are advised to indicate their personal mobile no. and personal valid e-mail IDs and keep them active for communicating them.
- 18.9 Candidates are further advised to visit SCR website to get the latest information.

19.0 Invalid applications :

- 19.1 Employees joined in Railway service after 09.11.2018.
- 19.2 Applications received after the last date (OR) applications submitted directly to Sr.DPO office without routing through proper channel.
- 19.3 Application not in prescribed format.
- 19.4 Not possessing prescribed qualifications as on the date of notification.
- 19.5 Application without photograph.
- 19.6 Application without signature or with signature in capital letters.
- 19.7 Incorrect applications.
- 19.8 Application without enclosures as mentioned in Para 18.3.
- 19.9 Applications which are filled in a language other than Hindi/English.
- 19.10 Variation in the information furnished in the application versus the documents enclosed.
- 19.11 Leaving any column blank in the application form.
- 19.12 Suppression of facts or furnishing false information in application.
- 19.13 Any other irregularity.

20.0 General Conditions:

- 20.1 Employees before applying should carefully read the instructions and ensure that he/she fulfills all eligibility conditions at the time of submission of applications.
- 20.2 Empanelled candidates are liable to be posted anywhere in SC division.
- 20.3 Mere empanelment does not confer any right of promotion to the candidates.
- 20.4 Admission of the employee at all stages will be purely provisional subject to satisfying the prescribed conditions.
- 20.5 Due care will be taken in verifying the employees' details from Service Register. However, each employee is also equally liable & responsible to furnish his own service particulars including charge sheets/awards in the application, and, also equally liable & responsible for non-furnishing of service particulars in the application.

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Important dates

- (i) Last date for submission of applications in Sr.DEE/TRD/Office. **09.12.2020**
- (ii) Applications in one bunch with covering letter giving the details of addressed to APO/Engg/SC may be sent on or before in the following format. **27.12.2020**

S.No.	Name	Com	PF No.	Place of working	Date of submission of application in Sr.DEE/TRD/SC office

- (iii) Date of issue of Eligibility/ineligibility list **09.01.2021**
- (iv) Pre-promotional training for 3 weeks. (tentative) **12.01.2021 to 08.02.2021**
- (v) Date of examination will be intimated after pre-promotional training.

The Notification, Question Bank & Proforma application are placed in SCR website:

www.scr.indianrailways.gov.in - About us - Divisions - Secunderabad - Personnel

This issues with the approval of Competent Authority.

Sudha
09.11.20

(B.Saila Sudhakar)
Asst. Personnel Officer/Engg.
for Sr.DPO/SC

Copy to:

- (1)Sr.DEE/TRD/SC, (2)Principal/ETTC/BZA, (3)Dy.CEE/Con/SC,
(4)CPM/RE/SC, (5)DEE/TRD/KZJ, (6)ADEE/TRD/SC, DKJ, TDU & SKZR,
(7)All SSE/SE's of Electrical(TRD) Organization.

Annexure-B

Application for the post of Tech-III/TRD (unified wing) in Level-2 (7th CPC), against 25% LDCE quota in Electrical (TRD) department of SC division.

1.	Name (In block letters)	
2.	Father's name	
3.	Community (UR/SC/ST) (attested copy to be enclosed)	
4.	P.F.No	
5.	Date of Birth	
6.	Date of appointment	
7.	Appointed as	
8.	Date of attaining Temporary Status (in case of CLs/Substitutes)	
9.	Date of Regularisation	
10.	Regularized as & Unit (Specify the capacity & the unit)	
11.	Present Designation / Station	
12.	Date of entry into present grade	
13.	Whether granted financial up gradation under MACP Scheme? If yes, furnish copy of Memorandum granting MACP)	
14.	Educational qualifications (attested copies to be enclosed)	
15.	Technical qualifications (attested copies to be enclosed)	
16.	Particulars of apprenticeship training (if any) (copies to be enclosed)	Trade: Period from _____ to _____
17.	Awards (attested copies to be enclosed)	2018 = _____ ; 2019 = _____ 2020 = _____
18.	Details of charge sheet/penalty as on date (If yes, enclosed copy, otherwise strike out which is not applicable)	SF-11 (OR) SF -5 undergoing penalty (OR) Nil
19.	Mobile Number	
20.	Email	

Photo

attested by

their Controlling Supervisor

I hereby declare that the particulars furnished by me are true to the best of my knowledge. I am aware that if the particulars furnished by me are found to be false my application will not be considered.

I am also aware that I shall progress further in the trade opted by me, if selected and I hereby declare that I will not seek change of trade at a later date.

Date:

Station:

Signature of applicant

Forwarded to APO/Engg./SC with reference to DRM(P)SC Notification vide Lr.No. SCR/P-SC/210(a)/EL(TRD)/Tech-III/TRD(UW)/LDCE, dt: 09.11.2020.

Certified that service particulars furnished by employee have been verified and found correct.

Date:

SSE/JE
(With stamp)

DEE/AEE
(With stamp)

SYLLABUS FOR THE POST OF TECH-III (UNIFIED WING) FOR LDCE SELECTION

(OHE): -

1. Different systems of OHE.
2. Various OHE foundations.
3. Various masts/portals.
4. Lay out plan and its details.
5. SED and its details.
6. Cantilever assembly.
7. Regulating equipment and its functioning, adjustment, and its X & Y values
8. Staggers, heights and profile parameters of OHE
9. Overlaps, types and drawings.
10. Neutral sections.
11. Section insulators.
12. Isolators
13. Gantry and cross feeders
14. Bonding and earthing
15. Sectioning of OHE, Feeding Zone, sector, subsector, elementary section etc.
16. Longitudinal protection and Transverse protection.
17. Ladder trolley protection.
18. OHE maintenance Schedules.
19. Action plan & SMIs.
20. Tower car checking.
21. Points to be checked at Turnouts and Crossovers as per SMI.
22. Foot Patrolling (tools, spares required and points to be checked).
23. Various types of bonds and their usage.
24. Different types of Jumpers and their usage.
25. Various warning boards and their usage.
26. Clearances (working clearance, long time clearance, short time clearance, standard 25 KV live to earth).
27. Abbreviations :

a)PTW	b)SSP	c)SP	d)BM	e)SM
f)RDSO	g)SED	h)LOP	i)SWR	j)ACC
k)ACA	l)BWA	m)FTA	n)SEJ	o)SRJ
p)TSS	q)SPI	r)SMI	s)RRA	t)OOR
28. Conductors, Characteristics, sizes and their usage in OHE.
29. PTW messages and protection involved.
30. Understanding of tools and plants and their usage.
31. Understanding OHE spares and their usage and requirements.
32. Types of typical breakdowns and their attention.
33. Safety precautions while working in OHE.



16.11.2022

PSI/TPC & RC: -

1. TRACTION SUB-STATIONS:

- i. Schematic Arrangement
- ii. Equipment and importance with its rating.
- iii. Protection of power transformer, OHE & Capacitor bank.
- iv. Importance of Preventive Maintenance and various schedules adopted for PSI equipment.
- v. Battery & Battery charges.
- vi. Earthing & Bonding and its importance.
- vii. Need for capacitor banks and its importance.
- viii. Control & Relay panels, AC & DC Distribution boards.
- ix. Buried rail importance & its importance.
- x. Fuses and its importance, HRC fuses.

2. Switching stations:

- i. SP/SSP importance.
- ii. BMs- importance of usage as bridging, sectioning and paralleling.
- iii. Schematic arrangement.
- iv. Battery & Battery charges.
- v. Earthing & Bonding in Switching stations.

3. Auxiliary transformers:

- i. Importance of ATs in 1 ϕ , 25 KV, 50 Hz traction.
- ii. Various capacities of ATs and its maintenance schedules.
- iii. Dropout fuses, capacities and replacement of DO fuse.
- iv. Earthing of AT, combined earth resistance and bonding.

4. Schedule maintenance of different PSI equipment, pre-monsoon and special checks.

5. Failures of PSI equipment and preventive measures.

6. Various instruments used in PSI applications and their usage like Multi-meters, Meggers and earth Meggers, Thermovision Camera, cell tester. AC & DC measurements.

7. TPC working, log sheet maintenance, Remote control and RTUs.

8. 25 KV working clearance, safety, importance of fire extinguishers and its usage.

Shur
16.11.2020

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