

2472612/2022/O/o CHOS/MES/PB/TPJ/SRly

SOUTHERN RAILWAY

No.T/P608//VI/TRD/LDCE-JE/Vol.3

Divisional Office,
Personnel Branch,
Tiruchchirappalli.
Dt: 27.10.2022

SPO/RE/MSAll Supervisors of Electrical (TRD) Dept/TPJ Division

Sub: Selection for the post of Junior Engineer in Pay Level 6 / VII PC in TRD Unit of Electrical Department against 25% LDCE Quota-Reg .

It is proposed to conduct a selection for the post of JUNIOR ENGINEER in PAY LEVEL 6 PAY MATRIX OF VII PC against 25% LDCE Quota in TRD Unit of Electrical/TRD Department of TPJ Division and the number of vacancies proposed to be filled up are 01.

The communal breakup of vacancies is as furnished below.

CATEGORY	UR	SC	ST	TOTAL
JUNIOR ENGINEER	01	01

Applications are invited from existing regular employees working as Sr.Technician, Technician Grade -I, Grade-II, Grade-III of Electrical/TRD Department in TPJ Division and who fulfill the following conditions are only eligible to volunteer for the above selection.

1. ELIGIBILITY & SERVICE CONDITIONS

- i) All Serving employees having the minimum qualification of ITI/Act Apprenticeship or 10+2 in Science Stream with minimum 3 years of Service as Technician grade III /TRD and above in TRD wing of Electrical Department.
- ii) In terms of Rly.Bd Lr No E(NG)I/99/PM7/17 Dt: 23.06.2003 existing eligible employees in service as on 12th August 2002, with qualification of Matriculation are also eligible to appear for the above selection.
- iii) In terms of Rly.Bd Lr No E(NG)I/99/PM7/17 Dt: 25.08.2003, the qualification of ITI/Act Apprenticeship should be in trades relevant for eventual absorption in the category for which the selection is conducted ie Trade relevant to the post of Junior Engineer /TRD in Electrical Department/TRD of TPJ Division.
- iv) Must be below 47 years of age as on 27.10.2022 Employees satisfying conditions (i) & (ii) and qualification of 3 years Diploma in (A) Mechanical /Electrical / Electronic Engineering OR (B) a combination of any sub stream of basic streams of Mechanical /Electrical / Electronic Engineering from a recognized university / Institute (RBE 92/2014 Dt: 03.09.2014 are also eligible to appear in the selection" Employees satisfying conditions (i) & (ii) and are qualified in Degree or Diploma in Electrical Engineering are also eligible to appear in the selection.
- v) Must have satisfactory service record with respect to application of work attendance and general conduct.

The Selection will consist of Written test only in terms of Rly,Bd's letter No.E(NG)2000/PM/ 1/41 dt.07.08.2003 . The candidate should obtain a minimum of 60% of marks in the Written Test. The panel will be formed in the order of merit based on the aggregate marks of professional ability and Record of Service and there will be no classification of outstanding as

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per Railway Board's letter No.E(NG01-2008/PM7/4 SLP dt.09.06.2009 (RBE 113/09). The Written test examination Consists of Objective Questions

The employees qualified in the written examination have to pass medical examination in Aye three, and their absorption will be subject to their successful completion of initial Training.

The Syllabus for the written examination is enclosed and there may be questions on Official language Policy to the extent of 10% of marks. There will be no supplementary examination.

The exact date, time and venue for written test will be notified in due course.

In the event of employees being selected they should be prepared to proceed to any station to which they may be posted and if they do not agree to this, they need not appear for the selection.

The notification should be given wide publicity and circulated among all the Sr.Tech.,Tech.Gr./I,II,III under your control and this notification should also be exhibited on the Notice Boards. The controlling Officer should ensure that this notification is also circulated/intimated to their staff who are on Deputation/Training/Transfers in other unit offices on long leave/sickness etc. Employees on leave/sick/suspension may also be alerted and acknowledgement obtained.

Last Date for submission of application to the Supervisory Official is **11.11.2022**.

Application from eligible volunteers in the prescribed proforma will be collected by the Supervisory Officials and sent in one bunch with a covering letter (showing the names of volunteers) to reach the undersigned on or before **15.11.2022**.

Applications received after the last date prescribed **will not be entertained**. In case no one has volunteered for the above selection, a 'NIL' statement may be sent to this Office.

Please acknowledge Receipt of this Notification

Encl: Syllabus & Application

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VENKATRAMA

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Date: 2022.10.28

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(S.VENKATRAMAN)

ASSISTANT PERSONNEL OFFICER/E
/SR. DIVISIONAL PERSONNEL OFFICER/TPJ.

Copy to: DRM/TPJ for information please. Sr.DEE/TRD/TPJ, DEE/TRD/ TPJ, ADEE/TRD/VM &TVR, Sr.Steno to Sr.DPO/TPJ.

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SYLLABUS FOR WRITTEN TEST FOR SELECTION FOR THE POST OF
JUNIOR ENGINEER/TRD – ELECTRICAL DEPARTMENT
PAY BAND Rs.9300-34800 WITH GRADE PAY Rs.4200/-

I	GENERAL	
	a	Day to day correspondence, matters related to submission of detailed technical report on maintenance, progress and failures. Must be able to read drawings pertaining to the work.
	b	Details of equipments and spares required for maintenance as well as tools and tackles. Identification to detailed estimates, detailed working list of items required – completion reports – booking of staff to works.
	c	Procedure in respect of Stores matters – control and account of Stores – imprest of Stores – disposal of Stores – return of Stores – return of empties, account of material at site – workshop manufactured items maintenance of T&P registers, stores, stock registers – DBR and DBI stationary items.
	d	Training of staff for preparatory to Trade test, sending staff for periodical medical examination, principles of Discipline & Appeal Rules and exercising powers at various levels, Railway Servants Conduct Rules – Annual Confidential reports – rules pertaining to engagement of Casual Labour – staff matters – maintenance of muster rolls – preparation of pay bills – Leave, Pass and TA rules, Night Duty allowance, Rent rules, various types of Allowances and Advances for staff – reporting of accidents – procedure.
	e	Departmental procedures in regard to
	1	Payment of Wages Act
	2	Hours of employment regulations – preparation of duty rosters
	3	Workmen Compensation Act
	4	Factory Act
II	TECHNICAL	
	a	Power supply arrangements – Traction sub station lay out – protection equipments and their capacities – maintenance schedules – stationing posts, sub stationing post, equipment and their maintenance schedules.
	b	Booster transformers, Auxiliary Transformers, different capacities. Maintenance schedules, Testing of Transformer oil, methods and equipments used. Oil purification plants, different capacities and their functions.
	c	Batteries, Battery chargers, initial charging, tricks and boost charge, maintenance schedules.
	d	OHE lay out, principles and pegging plan, construction, inspection testing and commissioning of OHE. Maintenance of over head equipments, Earthing and bonding code of OHE and PSI. Earth merger, insulation merger, construction and working.
	e	Basic principles of electricity, current voltage, resistance, reactance, impedance, admittance, units of electricity, Horse Power, simple electrical measuring instruments.
	f	Indian Electricity Act and Rules, General Rules & Act.
II	g	Working knowledge of Indian Electricity Act and Rules. Rules regarding MT installations and commissioning of 6 HT and medium voltage lines and equipment, electrical accidents and procedure for reporting the same both under Indian Electricity Act and under regulations for safe working of electrical equipment on Indian Railways. Power line crossings over and under Railway Tracks, thorough knowledge of the Alternative current Traction Manual and the subsidiary rules, procedure for availing power shut downs, traffic blocks, permit to work, etc., Safety rules – Treatment Act of Electric shocks.
	h	Principles of working and maintenance of road and rail vehicles and procedure related to the upkeep and requirements of compliance to safety rules, both on the rail and as well as road and by P.Way/Tower Wagon and Motor Trolleys. Payment of MV Tax, Safety fittings and compliance of safety rules being prescribed by Road Authorities from time to time. Loading tools used in OHE and PSI – material handling with their principles, Tirlfors, pull lifts, pulley blocks maila rope and wire rope, slings, shackles, etc., Safe working load bredding strength, principles of simple machines.
	i	Working and maintenance knowledge of electrical gadgets required in repair shops. Working of Diesel generator sets of different capacities and their maintenance. Knowledge of simple lighting arrangements at break down sites and ED specials.
III	Official Language policies.	

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APPLICATION FOR THE POST OF JUNIOR ENGINEER – AGAINST LDCE 25%
IN TRD / ELECTRICAL DEPARTMENT IN PAY MATRIX LEVEL- 6

- 1.Name ;
- 2.PF / Employee No ;
- 3.Designation / Station ;
- 4.Office/Department/Division ;
- 5.Pay Level ;
- 6.Date of Birth ;
- 7.Date of Appointment ;
- 8.Date of entry in the present Grade ;
- 9.Community (SC/ST) ;
- 10.Educational Qualification ; Academic
[Attach attested copies of Certificate]
; Technical
11. Remarks if any ;

Station ;

Date ;

Signature of the Employee

No:

Date:

Forwarded to Sr.DPO/TPJ, the particulars furnished above are found correct.

Date ;

Station ;

Signature of the Supervisory Official,