

NOTIFICATION No. 100/2023

Sub: Formation of panel for filling up the post of Junior Engineer/Electrical/General in Pay Matrix Level-6 against 25% IMA Quota in Electrical/General Department of Bilaspur Division/SECR.

It is proposed to form a panel to fill up 01 (one) post of Junior Engineer/Electrical/General in pay matrix level -6 against 25% IMA quota in Electrical / General Department of Bilaspur Division. The details are as under:

Category	UR	SC	ST	Total
JE/Electrical/General	01	00	00	01

1. ELIGIBILITY AND SERVICE CONDITIONS OF STAFF :

- a. All serving employees having the qualification of ITI/Act Apprenticeship pass in the relevant trade or 10+2 in science stream with three years of service in skilled grades i.e. Sr. Technician, Technician-I, Technician-II and Technician-III of Electrical/General department in Bilaspur Division and shall apply.

(Authority : PCPO/SECR Estt Rule No. 07/2003, 26/2003)

- b. In terms of Railway Board's Letter No. E(NG)I/99/PM7/17 dated 25-08-2003 (PCPO/BSP's Estt Rule No. 07/2003), the qualification of ITI/Act Apprenticeship should be in trades relevant for eventual absorption in the category for which the selection is conducted i.e. trades relevant to the post of Junior Engineer of Electrical Department.

(Authority : PCPO/SECR Estt Rule No. 07/2003, 26/2003)

- c. In terms of Railway Board's Letter No. E(NG)I/99/PM7/17 dated 28-07-2003 (PCPO/BSP's Estt Rule No. 18/2003), if the employee otherwise eligible and possessing the qualification of Degree or Diploma in the relevant branch of Engineering are also be eligible to volunteer to appear in the selection for induction as Intermediate Apprentices along with those with the qualification of ITI/Act Apprenticeship or 10+2 (Science Stream).

(Authority : PCPO/SECR Estt Rule No. 18/2003)

- d. As on the date of notification, the volunteering staff should be below the age of 47 years in the case of General candidates and the upper age limit for SC/ST employees would be 52 years in terms of Railway Board's Letter No. E(NG)I-1999/PM7/17 dated 14-06-2011 (PCPO/BSP's Estt Rule No. 96/2011) i.e., employee should have born later than **19-10-1976** in the case of general category and later than **19-10-1971** in case of SC/ST employees respectively.

(Authority : PCPO/SECR Estt Rule No. 96/2011)

- e. In terms of RBE no. 117/2006 (Estt Rule No. 190/2006), the cut-off date for determining the eligibility of staff should be the date of issue of notification. As such the volunteering employees should fulfill the service conditions of age and educational qualification and other service conditions as on the date of issue of this notification i.e. as on **19-10-2023**.

(Authority : PCPO/SECR Estt Rule No. 190/2006)

Note: In respect of employees who have reported/joined on this Division on Inter Railway request transfer/Inter Divisional request transfer on bottom seniority, the service rendered in the old unit will count for the purpose of qualification service for promotion in the new seniority unit provided: -

- He/She is otherwise eligible to be considered for the selection to Group 'C' post as per extant rules; and
- The category in which he/she was working in the old unit is an eligible category for the selection/post in the new unit also.

:: 2 ::

2. SYLLABUS:

The tentative syllabus for selection to the post Junior Engineer/Electrical/General of Electrical General Department against 25% DPQ IMA quota is enclosed as **Annexure-B** for wide publication amongst the staff concerned.

3. PROCEDURE FOR WRITTEN EAMINATION:

- a. The exam will be held in the manner of Computer Based Test (CBT)
- b. Question paper will be 100% objective type.
- c. All the questions will be of multiple choices only.
- d. There shall be negative marking for incorrect answers. One third of the marks allotted for each question will be deducted for wrong answers.
- e. There will be 110 questions including 10 optional questions on official language policy and candidates will have to answer 100 questions only. If any candidate answers more than 100 questions, the first 100 attempted questions will be counted.
- f. The above selection is against IMA Quota and panel will be arranged in order of Merit and not in order of Seniority.
- g. The panel will be drawn after scrutiny of Service Record and last 03 (Three) year APAR's of the staff those who qualified in the written examination/CBT test. No supplementary Test will be held in terms of PCPO/SEC R/BSP's letter dtd. 16-01-2007.
- h. The duration of examination under objective type multiple choices will be **120** minutes.

(PCPO/SEC R/BSP's Estt. Rule No: 167/2009, 200/09, 196/11, 359/18, 164/19, 180/19, 267/19, 315/19 and 344/2022)

4. PROVISION OF RESERVATION:

- a. The conditions set out by the Hon'ble Supreme Court in the matter of Jarnail Singh Vs Lachhmi Narain Gupta for extending reservation in promotion to SCs/STs has been complied viz Quantifiable data has been collected in the cadre of Junior Engineer/Electrical/General. L-Shape roster is also maintained in due compliance of the judgment of Hon'ble Supreme Court in the case R. K. Sabharwal Vs State of Punjab. It is seen that there is no shortfall of SC & ST category. Hence the representation of SC/ST in this category is adequate.
- b. The above selection is provisional subject to final outcome of judgment of Hon'ble Supreme Court in the matter of Jarnail Singh & others Vs Lachhmi Narain Gupta & other.

(Authority : PCPO/BSP's Estt Rule No.66/21,123/22, 165/2022)
PCPO/BSP's letter No. P-HQ/RUL/105/2 (E-86359) dtd 03-02-2023

5. MODE OF SELECTION AND QUALIFYING MARKS.

The professional ability of the employee in the field of selection will be adjudged through written test. The employees must secure minimum 60% marks in aggregate i.e. in both written test and record of service for final selection. The post of Junior Engineer/Electrical/General is safety hence there is no relaxation in the qualifying marks for candidates belongs to SC/ST community is applicable. as per Estt. Sl. No. 167/2009.

The final panel shall be drawn up in order of merit based on aggregate marks of "Professional ability" and "Record of Service" being General Selection since candidates from different seniority units in the same department i.e. Electrical General Department of Bilaspur Division are being called for selection. There will be no classification of candidates as "Outstanding" being General Selection. Respective weight age of marks of professional ability (written test) and record of service will be as per extant rules.

(Estt. Srl. No: 266/1999 & PCPO/SEC R/BSP's Estt. Rule No: 167/2009)

 Confid page ...3

6. PRE-PROMOTIONAL TRAINING:

Empanelled staff is required to be passed in mandatory pre-promotional training.
(Authority : PCPO/SECR Estt Rule No.33/2002,159/2021)

7. PRE-SELECTION COACHING:

In terms of PCPO/SECR, L/No P-HQ/RUL/105/2 dtd 13-07-2023 it is not necessary to impart pre-promotional training to SC/ST candidates when they are required to appear for selection as per general seniority in which there is no reserve vacancy exists.
(Authority : PCPO/SECR, L/No P-HQ/RUL/105/2 dtd 13-07-2023)

7. DATE OF EXAMINATION AND VENUE:

The date, venue and time of examination will be intimated in due course. However, it is to be advised to the volunteering staff that there will be no supplementary examination for the absentees being General Selection.

8. LAST DATE FOR SUBMISSION OF APPLICATIONS:

The willing and eligible employees have to submit their applications in prescribed Proforma in Annexure-A to their controlling supervisors on or before 03-11-2023 who will forward the applications in a bunch to the controlling officers on or before 07-11-2023. The controlling officer will forward all the applications in a consolidated manner along with covering letter after due scrutiny to this office on or before 10-11-2023. Applications received after the last date will summarily be rejected without assigning any reason.

9. NOTIFYING TO THE STAFF:

Wide publicity of this notification should be given amongst the eligible staff of Electrical / General Department of HQs office and BSP Division including Construction organization and Deputation whose lien is maintained in Electrical / General Department of Bilaspur Division. A copy of notification should be displayed on a notice board at a conspicuous place. Staffs who are on deputation/leave/sick should also be notified to enable them to submit their applications in time. It should be the responsibility of senior Subordinate/Supervisor to complete the formality in this respect. It is further advised that any other communication received in respect of the selection from time to time should invariably be intimated to all the eligible employees.

10. GENERAL INFORMATION:

- All candidates are advised to attend the examination hall on scheduled date of exam along with proper identification memo.
- Unit/Section in-charges are hereby advised to release the staff positively with proper identification memo.
- There will be mock test at the exam centre before starting main examination through Computer Based Test (CBT) so that candidates can be familiar with the CBT.
- In case of any unfair means noticed during the examination, candidates shall be asked to leave the examination hall and they will liable to be punished under DAR also.

- e. If any discrepancies are found at any stage in regard to the applicant's candidature he is liable to be disqualified at any stage of selection without any information.
- f. The notification is also available on SECR website-<http://www.secr.indianrailways.gov.in>
Link of the Home page: Dept./Div of SECR → Divisions → Bilaspur → Personnel → Notifications



(A. Ramesh Babu) 20/10/23

Asstt. Personnel Officer
for Sr Divl. Personnel Officer
Date: 20-10-2023

No. EL/P/BSP/JEE/25%IMA (Elect./Gen) Pt-I

Copy forwarded for information and necessary action to:

PCEE/SECR, Sr.DEE/RS&G/BSP, Dy. CPO/Con./BSP, Dy.CEE/Con/BSP, Ch. OS/Conf., Ch. OS/APAR, Ch. OS/Bills-I, Ch. OS/IT, All Concerned Unit In-charge, Notice Board, DC-SECRM/C/BSP, DS-AISCSTREA/BSP, DS-AIOBCREA/BSP, O.O.File.

**APPLICATION FOR SELECTION TO THE POST OF JE/ELECT./GEN. IN PAYMATRIX LEVEL-6 AGAINST 25% IMA/LDCE
QUOTA OF ELECTRICAL/GENERAL DEPARTMENT IN BILASPUR DIVISION/SECR.**

1.	Name of the Employees	:	
2.	PF No.	:	
3.	HRMS ID	:	
4.	Designation/Station	:	
5.	Date of Birth (In Christian era)	:	
6.	Age as on 19-10-2023	:	 Year Months Days
7.	Community (UR/SC/ST/OBC)	:	
8.	Date of Initial Appointment/Station/Dept/Divn/Rly		
	a. As Technician Gr.-III	:	
	b. As Technician Gr.-II	:	
	c. As Technician Gr.-I	:	
	d. As Sr. Technician	:	
9.	Total length of service in Technician Gr.-III & above		 Year Months Days
10.	Educational Qualification (copy of certificate to be enclosed):		
11.	Award conferred during the last three years (Railway Week)		
	a. Divisional Level (DRM Level)		
	b. Headquarter Level (PHOD/HOD)		
	c. GM/Railway Boards Level		
12.	Penalties imposed during the last three years:		
	a. Minor		
	b. Major		
13.	Any other relevant information	:	

Declaration: I hereby declare that the particulars furnished are true, complete and correct to the best of my knowledge and belief. I understand that, if at any stage it is found that the information furnished is false or incorrect or I do not satisfy/fulfill the eligibility criteria, my candidature/appointment on promotion is liable to be cancelled besides disciplinary action as per rules. I have read the content of the notification and agree to abide by the Rules, regulation and procedure prescribed for promotion to the post of JE/Elect./Gen.

Date:

Signature of the Employee:

Name:

Design./Stn

It is certificate that the particulars furnished by the employee are verified with the records available in this office and found to be correct. He fulfills the eligibility criteria as stipulated in the notification.

Date:

Signature of the controlling officer

Station:

Name

Design:

Office Seal

DEPARTMENT ELECTRICAL (G)
Syllabus for promotional Course from Tech. to JEE

NO	Module Description
1	Introduction to Railway organization and Electric department set-up
2	General Electrical Technology, Measuring tools/equipment Voltmeter, Ammeter, Multimeter, Tong-tester, Drill M/c
3	Basic electronics, resistors, capacitors, diodes, LEDs, transistors, electromechanical components like relays, contactors & switches etc.
4	Safety Rules, Precaution, Relays, Fuses and their ratings Types, Earthing of equipment and system, accident, firefighting, First Aid and attention for Electrocutation
5	Material handling, Jigs and fixtures, up-keep of work environment
6	Material management (Store procurement), up-keep, records, inventory management
7	Industrial management, (DAR, Leave/Pass Rules)
8	Financial management (Railway Accounting and financial procedure)
9	Energy Conservation, FTL, CFL, Electronic Ballast Metering
10	Codes/Manuals (ACTM)/SMIs/MIs, pertaining to General service
11	1) Basic Knowledge of Electrical (G) 2) Maintenance schedules and overhauling of Energy meter, transformer, Switchgears, protection devices, AC motor, alternators 3) Reading of drawing and circuit diagram
12	1) Name, size of major power supply equipment (Transformer, Relay, Contractor, Batteries wiring Electric fittings, Meters, switch boards, yard lighting and power line crossing. 2) Maintenance schedule and overhauling of DG sets and pumps.
13	Inspections schedule of officers/Supervisors, Check Lists of General service
14	Testing /erection/commission of various power supply equipment, Breaker, Transformer, AC
15	Testing /erection/commission of DG set and pump maintenance of foot valve
16	Fault investigation. Cable fault and detection case studies on power supply
17	Failure investigation of failure of plants (DG sets and pumps)
18	Disaster management., Electrocutation, Electrical fire
19	Test /Feed back
20	Solar power generation.
21	RTI Rules
22	Public Complaint redressal.
23	विभागीय परीक्षाओं में राजभाषा नीति संबंधी प्रमुख निदेश, संवैधानिक उपबंध राजभाषा अधिनियम 1963, यथा संसोधित 1967, राजभाषा नियम 1976 यथा संसोधित 1987, राजभाषा वार्षिक कार्यक्रम राजभाषा संबंधी विभिन्न पुरस्कार योजनाओं सहित राजभाषा से संबंधित अन्यविविध विषयो पर आधारित प्रश्न ।

22/11/2023
 द.मं.वि.अभि. (आरएस & एस)
 Sr. D.E.E. (RS & G)
 द. पू. मध्य रेलवे, बिलासपुर
 S. E. C. Railway, Bilaspur

DEPARTMENT ELECTRICAL (G)
Syllabus for promotional Course from Tech. to JEE

NO	Module Description
24	Air conditioning system & components of RMPU of SG AC & LHB AC coaches.
25	VRLA batteries used in various coaches
26	Power generation system in SG AC & Non – AC SG coaches, various equipment i.e. Alternator, RRJ/ERRU, V Belt, Axle pulley/ Alternator pulley.
27	HOG & EOG system of LHB rakes.
28	Type of coaches in Indian Railways.
29	LA batteries
30	Earth testing of coaches
31	Various fuses used in SG & LHB coaches
32	Maintenance schedule of coaches.
33	Provision of TC to SG AC & SG Non- AC coaches.
34	Various refrigerants used in AC coaches (SG & LHB).
35	Fire prevention in substations & fire extinguisher used for various classes of fire
36	Working & implementation of SCADA for monitoring of electrical(G) assets like substations, Pumps street lights, 30% & 70% lights of platforms etc.
37	Working of microprocessor unit in LHB AC Coaches.
38	Working of safety devices in AC & TL Coaches.
39	Fire prevention in EOG & SG passenger coaches & fire extinguishers used for various coaches.
40	Various AC equipment & electrical equipment used in Vande Bharat train.
41	SMI/SM for AC/TL coaches.(EOG/SG)

24/10/2023
व.मं.वि.अभि. (आरएस & सा)
Sr. D.E.E. (RS & G)
द. पू. मध्य रेलवे, बिलासपुर
S. E. C. Railway, Bilaspur