



Modern Coach Factory, Raebareli

Office of the
General Manager (P)

No. E/NG-III/MCF/RBL/IE/ELECT/25%LDCE

Dated 11.08.2021

NOTIFICATION

Sub: General Selection for the post of JE/Elect., in Pay Matrix, Level-6 (G.P-4200/-) against 25% (IQ) Intermediate Apprentice Quota in Electrical Department.

- Ref: i) Railway Board's L. No. E(NG)I/99/PM7/17 dated 23.06.2003(RBE108/2003)
ii) Railway Board's L. No. E(NG)I-1999/PM7/17 dated 09.06.2010 (RBE 85/2010)
iii) Railway Board's L. No. L. No. E(NG)I-1999/PM7/17 dated 14.06.2011
iv) Railway Board's L. No. E(NG)I-2005/PM1/52 dated 22.08.2006 (RBE 117/2006)
v) Railway Board's L. No. E(NG)I-1999/PM7/17 dated 28.07.2003)
vi) Railway Board's letter No. E(NG)I-2018/PM1/4 dated 14.12.2018 (RBE No.196/2018)
vii) Railway Board's L. No. E(NG)I-2018/PM1/4 dated 14.06.2019 (RBE No.97/2019),
viii) Railway Board's L. No. E(NG)I-2018/PM1/4 dated 14.11.2019 (RBE No. 194/2019)
ix) Railway Board's L. No. L. N. 88-E(SCT)I/42/2 dated 08.04.1991(RBE 71/91),
x) Railway Board's L. No. L. N. E(NG)I-75-PMI-44 dated 31.05.1982
xi) Railway Board's L. No. E(MPP)-2009/3/16 dated 19.10.2011 (RBE No. 148/2011)
xii) Railway Board's L. No. E(NG)I-2008/PM1/15 dated 03.09.09 (RBE No.161/2009)
xiii) Rly. Board L. No. E(NG)I-2011/PM1/26 dated 06.02.2014 (RBE 17/2014)
xiv) Master Circular 31 & Para 141 of IREM Vol-1

It has been decided by the competent authority to hold the selection for the post of JE/Elect. in pay Matrix level-6 of 7th CPC(GP-4200) against 25% (IQ) Intermediate Apprentice Quota to form a panel of eligible candidates. Accordingly options are invited from eligible willing candidates of Electrical department, MCF/RBL who fulfill the following terms and conditions:

Total No. of Posts : 06 (UR=05, SC=00, ST=01)

Eligibility Criteria

1. Employee must have completed at least 03 years of non-fortuitous service as Tech-III or higher grade post of Electrical Deptt. as on the date of notification.
{Authority : Rly. Board L. No. E(NG)I/99/PM7/17 dated 23.06.2003(RBE108/2003) & Para 141 of IREM Vol-I}
2. Employee must be below 47 years of age as on the date of notification (05 Years relaxation for SC/ST category candidates).
{Authority : Rly. Board L. No. E(NG)I-1999/PM7/17 dated 09.06.2010 (RBE 85/2010) & L. No. E(NG)I-1999/PM7/17 dated 14.06.2011}
3. The cut off date for determining the eligibility of staff viz service condition, age and educational qualification is the date of issue of this office notification i.e. as on 11.08.2021.
{Authority : Rly. Board L. No. E(NG)I-2005/PM1/52 dated 22.08.2006 (RBE 117/2006)}

Prescribed Qualification

4. All serving employees having the qualification of ITI/Act Apprenticeship pass in the relevant trade or 10+2 in science stream from recognized Board/University as prescribed by Railway Board time to time.
{Authority : Rly. Board L. No. E(NG)I-1999/PM7/17 dated 23.06.2003 (RBE 108/2003)}

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5. The employees otherwise eligible and possessing the qualification of Degree or Diploma in the relevant branch of engineering are also eligible to volunteer to appear in the selection for induction as intermediate apprentices along with those who have qualification of ITI/Act-apprentice or 10+2 (Science stream).
(Authority : Rly. Board L. No. E(NG)I-1999/PM7/17 dated 28.07.2003)
6. The existing eligible staff in service as on 12.08.2002 as per pre-revised qualification of Matriculation will be allowed to appear in two consecutive selections held after issue of Board's letter dated 23.06.2003.
{Authority : Rly. Board L. No. E(NG)I-1999/PM7/17 dated 23.06.2003 (RBE 108/2003)}

Mode of Selection and Qualifying Marks

7. Above Selection will comprise of written examination followed by scrutiny of service record and APARs of the candidate who will qualify in the written test. The employees must secure 60% of marks in professional ability as well as in the aggregate. In the case of ST employees must secure 50% marks in Professional ability as well as in the aggregate for empanelment against ST vacancy. **The panel will be formed strictly in order of merit.**
(Authority : Rly. Board L. No. E(NG)I-2011/PM1/26 dated 06.02.2014 (RBE 17/2014) & Para 8 of Master Circular 31)

Procedure for written examination:

8. Examination will be held in the form of written test. The time of written examination will be 120 minutes and all the questions will be of objective type, out of which 10% questions will be from the Rajbhasha. There shall be negative marking for incorrect answers. One third of the marks allotted for each question will be deducted for every wrong answer.
{Authority: Rly. Board's letter No. E(NG)I-2018/PM1/4 dated 14.12.2018 (RBE No.196/2018), L. No. E(NG)I-2018/PM1/4 dated 14.06.2019 (RBE No.97/2019), L. No. E(NG)I-2018/PM1/4 dated 14.11.2019 (RBE No. 194/2019) & Master Circular 31 Para 7.3}

Pre Selection Coaching:

9. In terms of instruction contained in Railway Board's L. No. 88-E(SCT)I/42/2 dated 08.04.1991(RBE 71/91), Pre-selection/Pre-promotional training to SC/ST employees is to be conducted covering the syllabus of the examination for selection to safety category post. In terms of Railway Board L. N. E(NG)I-75-PMI-44 dated 31.05.1982 all post of production unit are non safety. However, as per past practice in MCF/RBL, 03 weeks pre-selection coaching will be imparted to the candidates belonging to ST category as per syllabus of the selection.

Training :

10. Empanelled candidates in the above written selection will be required to undergo medical examination, if required and also will have undergo training for a period of 52 weeks as prescribed for IQ quota at TTC, which is mandatory, failing which names will be deleted from the panel. During the training period they will get the salary/stipend as admissible as per extant rules.
{Authority: Rly. Board's letter No. E(MPP)-2009/3/16 dated 19.10.2011 (RBE No. 148/2011)}
11. Candidates who will pass in final examination after the above training will be promoted as JE/Elect. in Pay Level-6 GP-₹ 4200/- and posted against working posts as per vacancy.

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Syllabus:

12. The syllabus of the written examination for this selection is enclosed herewith in Annexure-I.

Last Date for Submission of Application:

13. Last date for submission of application is 04.09.2021
14. Eligible employees can send their application in the attached format as Annexure-II by 04.09.2021 to participate in the above selection. Incomplete applications will be rejected without any notice and no representation shall be entertained in this regard.
15. In-charges/Controlling Officers are requested to circulate the notification for wide publicity amongst the staff working under their administrative control and on receipt of the application, the same may be sent to the undersigned on or before the cut off date, i.e. 04.09.2021 Applications received after target date will not be entertained. Staff concerned who intend to apply for the subject selection may be advised to keep themselves in readiness to appear in the written examination at a short notice.

Date of Written Examination:

16. The date, venue and time of written examination will be intimated separately. Staff concerned are advised to keep themselves in readiness to appear in the written test at a short notice. **However, it is advised to the volunteering staff that there will be no supplementary examination for the absentees in the main examination.**

Other :

17. The Incharges/Controlling Officer are requested to send the application through proper channel to undersigned on or before 04.09.2021.
18. This Notification is also available on MCF/RBL website <https://mcf.indianrailways.gov.in/>

DA: As Above.


(D. S. Meena)
Assistant Personnel Officer/Staff
MCF, Raebareli

Copy to:-

1. Secy. To GM/MCF/RBL : for Kind information to GM/MCF/RBL.
2. PCEE/MCF/RBL.
3. CAO/MCF/RBL, CEDE/MCF/RBL.
4. All Dy. HOD/Elect. Deptt./MCF/RBL.
5. SPO/Bills & IT: to upload in the website/Mobile APP of MCF/RBL (<https://mcf.indianrailways.gov.in/>).
6. Principal/TTC/MCF/RBL with the request to make preparation for imparting pre-selection coaching to reserved community candidates as per syllabus.
7. Cadre Dealer/Elect.: He is advice to intimate those employees who are currently on deputation and maintaining lien at MCF for advancement.
8. All Notice Board of Main Admin, Mini Admin & Shop Floor.
9. General Secy./SC/ST Association, General Secy./OBC Association/MCF/RBL.
10. CS&WLI, S&WLI/MCF/RBL

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आधुनिक रेल डिब्बा कारखाना, रायबरेली

ANNEXURE-I

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कार्यालय
प्र. मुख्य विद्युत अभियंता
आरेडिका, लालगंज/रायबरेली

सं.MCF/RBL/CEE/Sel./Prom/JE/Electl.

दिनांक: 18.03.2020

विषय: 25% (एलडीसीई) कोटा के तहत कनिष्ठ अभियंता/विद्युत (वेतन लेवल 06) के पद पर पदोन्नति हेतु पाठ्यक्रम उपलब्ध कराने के संबंध में।

संदर्भ: कार्मिक विभाग का पत्र सं.E-4/Elect/MCF/RBL/Promotion-25% IQ /2016
दिनांक: 17.03.2020।

उपरोक्त संदर्भित पत्र के संदर्भ में, 25% (एलडीसीई) कोटा के तहत कनिष्ठ अभियंता/विद्युत (वेतन लेवल 06) के रिक्त पदों पर पदोन्नति हेतु लिखित परीक्षा हेतु पाठ्यक्रम पत्र के साथ संलग्न है।

आपके सूचनार्थ एवं उचित कार्यवाही हेतु।

संलग्नक: यथोक्त।

उप मुख्य विद्युत अभियंता/डीएंडडी

सहा. कार्मिक अधि./स्टाफ



SYLLABUS FOR SELECTION OF ELECTRICAL JUNIOR ENGINEER GR-II
SCALE Rs 9300-34800+GP4200 at MCF/RBL. 25/58

SECTION-A

1.	Attendance procedure, work order allocation, staff booking, leave and absence records, procedure for workshop staff and line staff.
2.	Procedure for reporting Electrical Accidents, Hurt on duty and other accidents while on duty.
3.	Leave rule- types of leave admissible. procedure of granting different types of leave, leave admissible to female employees. Pass rule- different types of passes and their admissibility.
4.	Drawal and issue of stock and non stock item. Preparation of stock & non-stock requisition. Records maintained for accountal of store. Procedure of reporting theft of shop and disposal of store.
5.	Important provision of Factory act for compliance in shop floor. Provision of contract labour (Regulation and abolition) Act to be checked in works/Service contract.

SECTION-B

1.	Air Conditioning plant(Stationary) : Procedure of installation, precautions during installation, testing of split and window air conditioner, checking of protective devices provided, common faults and troubleshooting.
2.	Water supply pumps: How to test pump motor, complete pump for proper functioning. Testing of protection system of pumps. Common faults & trouble shooting. Working of automatic control of pumps.
3.	Diesel generating sets- Maintenance schedule, different checks required for trouble free operation of DG, Common fault and trouble shooting.
4.	Lighting- Types of light fittings provided in MCF their nameplate details. Procedure of testing of light fittings to identify defective component.
5.	Procedure of earth testing, connection of earth megger, frequency of measurement, permissible limits of values of different earth of pits.
6.	Important checks to be carried out in service building, Railway quarters and 11 KV electrical substation as per IE rules.
7	LHB
7.1	Testing procedure of different types of LHB coaches. How to carry out coach testing in different stages.
7.2	Electrical and fire safety features provided in different types of LHB coaches. How to test these features.
7.3	Use of common measuring instruments like megger, multimeter, tongue tester. Measurement of different parameters using these instruments.
7.4	Procedure of checking of composite pantry.
7.5	Procedure of load testing of Power Car.
7.6	Procedure of stage-III wiring and stage-IX connection of various types of coaches and power car.
7.7	Items of quality checks in various types of coaches and Power Car.
7.8	Method of WSP commissioning, testing and checking.
7.9	Various mechanical and Electrical clearances required to be checked during complete furnishing of coach.

प. मुख्य विद्युत अभियन्ता
P. Chief Electrical Engineer
आधुनिक रेल डिब्बा कारखाना/रायवेली
Modern Coach Factory, Raywadi



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ANNEXURE-I

SN 47

8	Electrical Mill Wright - Maintenance schedule, Safety Checks, Common trouble shooting of EOT Cranes/traverser, Synchronized screw jack. Procedure of checking of power and control circuits of conventional, PLC based, VVVF based drives. Ratings and switchgear provided in welding plants. Identification of defect in electrical machines.
9	सध के राजभाषा नियम 1978 एवं रेलवे में उसका कार्यान्वयन पर सामान्य ज्ञान।
10	Types of firefighting equipment, their use in electrical fire. Operation of firefighting equipment. Electrical shock treatment procedure.

Handwritten signature

प. मुख्य विद्युत अभियन्ता
P Chief Electrical Engineer
अभियन्ता रेल विभाग कार्यालय 1/2/7, 47वीं
Modern Coach Factory, Roorkee

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PROFORMA

To,

APO/Staff,
MCF/RBL.

Sub: Application for Appearing in the written examination for selection to the post of
JE/Elect., in Pay Matrix Leve-6 (G.P.-4200/-) against 25% Intermediate Apprentice Quota.

Ref :- Notification No. E/NG-III/MCF/RBL/JE/Elect./25%LDCE dated 11.08.2021

1. Name :
2. Emp. No. :
3. Present Designation & Trade :
4. Date of Appointment in Present Grade/Post :
5. Pay Matrix Level :
6. Mobile No. :
7. Date of Birth :
8. Age on D. O. Notification : _____ years _____ months _____ days
9. Date of appointment and Designation on 1st Appointment :
10. Date of appointment/Promotion in Tech-III, Level-2 (GP-1900/-) in Electrical Cadre :
11. Total Length of Service in Tech-III & above in Electrical Cadre : _____ years _____ months _____ days
12. Educational Qualification (ITI/Act Apprenticeship, 10+2 in science stream, Degree or Diploma) (Attached proof thereof) :
13. Whether the employee belongs (UR/OBC/SC/ST) :
14. Working Under (Section/Shop & Officer) :

I hereby declare that the particulars furnished by me are true and correct to the best of my knowledge. If the above information given by me is found to be wrong/incorrect, then my candidature is liable to be cancelled and D&AR action can be taken against me.

Date:

Place:

SIGNATURE OF THE EMPLOYEE

FORWARDED BY THE CONTROLLING OFFICER

Date:

Place:

Signature of the forwarding officer
with designation and date**FOR OFFICIAL (P. BRANCH) USE ONLY**

The details of the service particulars including the educational qualification/service particular have been verified with the Service Records and found correct.

Signature of the Concerned Dealer of
P. Branch with designation and date

Ch.OS/Establishment.

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APO/Staff