



**EAST COAST RAILWAY**

Office of the  
Principal Chief Personnel Office,  
Rail Sadan, CSPur, Bhubaneswar Odisha  
No.ECoR/Pers/05/NGC/Mech/Selection/JE(C&W)/25%IAQ Date:09.07.2021

**NOTIFICATION**

**Sub: Selection for promotion to the post of JE(C&W) in Pay Matrix Level-6 against 25% IAQ in Mechanical Deptt. of ECoR/HQs/BBS.**

It has been decided by the competent authority to call for applications from eligible staff of Mechanical Deptt. of ECoR/HQs and all Divisions/Workshop of ECoR towards filling up of 01(one UR) vacancy in the category of JE(C&W) in Pay Matrix Level-6 against 20% IAQ in Signal & Telecom deptt. of ECoR/HQ/BBS.

**Vacancies:** 1(one) Unreserved vacancy

**Eligibility Criteria:**

- (a) All Technicians (C&W) in Pay Matrix Level-2, Level-4, Level-5 & Level-6;
- (b) Should have the qualification of ITI/Act Apprenticeship in the relevant trade or Degree/Diploma in the relevant branch of engineering or 10+2 in Science Stream.
- (c) Three years continuous regular service in skilled grade; and
- (d) The upper age limit as on the date of notification is 47 years.

**Mode of Selection:** The mode of selection is written test, verification of Service Records and last three years APARs. The promotion to the post of JE(C&W) in Level-6 is subject to being declared medically fit in prescribed medical category and passing the mandatory promotional course training, wherever applicable. The syllabus for the written examination is enclosed for information of all concerned. The duration of the written test is of 02 hours. The question of the written test will be 100% objective multiple choice type. The answers are to be marked on OMR answer sheet and the OMR answer sheet will be evaluated manually. There will be 110 questions (including 10 questions for official language policy & rules) of objective multiple choice type with four answer options. Candidate has to answer a maximum of 100 questions. In case the candidate answers more than 100 questions, first 100 attempted questions are to be taken for evaluation. Cutting, overwriting, erasing, or alternation of any type in answer will not be accepted and Zero marks will be given for answer having correction/overwriting. There shall be negative marking for incorrect answers. One third of the marks allotted for each question will be deducted for wrong answers.

Conti. at Page No.2

**Closing Date:** The closing date of submission of option application by the eligible staff in the prescribed Proforma (Annexure-I) to their controlling officer is **09.08.2021**. The controlling officer should forward the option applications to the concerned Personnel Officer by **16.08.2021**. Only the eligible applications should be sent by the Divisional/Workshop Personnel Officer in a single bunch along with consolidated statement with certification of service particulars as per entries in service records, so as to reach at this office by **24.08.2021** without fail. Applications received after **24.08.2021** will not be entertained. Ineligible applications should not be sent to this office under any circumstances. The APARs for last three years & the service records of the eligible applicants should be updated and kept ready for sending to this office at short notice.

**General Instruction:** This vacancy notice should be widely circulated amongst the staff of Mechanical (C&W) deptt. of ECoR to avoid any complaints at a later date. Copy of notification must be placed on the notice board also for information of all concerned.

Encl: ANNEXURE-I (application format) & syllabus.

This is also available in East Coast Railway website  
[www.eastcoastrail.indianrailways.gov.in](http://www.eastcoastrail.indianrailways.gov.in)



(H.K. Mahanand)

Senior Personnel Officer-I

For Principal Chief Personnel Officer

**Copy forwarded for information and necessary action to:**

1. PCME/ECoR/HQ/BBS,
2. DRM(P)/ECoR- KUR, SBP & WAT
3. CWM(P)/CRW/MCS
4. SSM(IT)/ECoR/BBS it is requested to upload this notification in East Coast Railway Website.
5. GS/ECoRSU, GS/ECoRSC
6. Notice Board of PCPO's Office.



For Principal Chief Personnel Officer

**ANNEXURE-I**

To  
PCPO/ECOR/BBS

Application format for selection to the post of JE(C&W) in Pay Matrix Level-6 against 25% IAQ in Mechanical Deptt. of ECoR/HQ/BBS as per PCPO/BBS' Notification No.ECoR/Pers/05/NGC/Mech/Selection/JE(C&W)/25%IAQ dated:09.07.2021.

1	Name (In capital Letters)	:	
2	Father's Name	:	
3	Present Designation/Station/Working Unit	:	
4	Lien maintaining Divn./Rly.	:	
5	Pay Matrix Level (Substantive Only)	:	
6	Community(UR/SC/ST as per service record)	:	
7	Date of Birth	:	
8	Date of Initial appointment/category	:	
9	Effective date of seniority as Sr.Techncian (C&W)	:	
10	Effective date of seniority as Tech-I(C&W)	:	
11	Effective date of seniority as Tech-II(C&W)	:	
12	Effective date of seniority as Tech-III(C&W)	:	
13	Educational/Technical Qualifications as per entries in Service Records(duly attested xerox copies of testimonials should be enclosed)	:	
14	Employee Number(PF/NPS)	:	
15	Employee Mobile Number	:	

I hereby undertake that the information furnished in the application are correct and true to the best of my knowledge and belief. In case, any irregularity is found, my candidature is liable to be cancelled without any notice and I am liable for D&A action.

Place:

Date:

Signature of the Candidate

Signature of the  
Controlling Supervisor with seal

Signature of the controlling officer with seal

It is certified that the above particulars of the candidate have been verified along with the entries made in his original service record and found correct.

Signature of the Personnel Officer  
of the concerned Unit/Divn./Workshop/HQs. with seal

## East Coast Railway

Office of the  
Chief Personnel Officer  
Bhubaneswar - 751 017.  
Date: 11.01.2012.

No. ECoR/Pers/R/Selection/3

To

The Sr.DPO/DPO – KUR, WAT, SBP & WPO (MCS)  
East Coast Railway.

Subject: Syllabus for selection to the post of Junior Engineers(C&W) open line in Pay Band-2 (Rs.9,300-34,800/-). Grade Pay Rs.4200/- against 25% Inter Appr. Quota in Mechanical Department of ECoR.

Reference: Sr.DPO/KUR's letter No. P/E/Selection Cell/Mech(C&W)/JE/Inter.Appr.Quota/Syllabus, dated 19.12.2011.

Competent Authority has approved the Syllabus for Selection to the Post of Junior Engineers (C & W) open line in pay Band-2 (Rs.9,300 -34,800/-). Grade pay Rs.4200/- against 25% Inter Appr. Quota in Mechanical Department of ECoR. The approved syllabus is as under:

**A. Introduction and salient features of different gear of various types of Rolling Stock/high speed Rolling Stock with leading dimension.**

**B. Freight Section:-**

1. Preventive maintenance of freight stock.
2. Maintenance of PME of CC rake, Premium rakes, & intensive examination of goods train.
3. ROH of air brake wagons.
4. Rake testing
5. M&P required in ROH depot and Sick line
6. Types of welding
7. Type of BPC

**C. Coaching Section:-**

1. Preventive maintenance & different schedules of coaching stock.
2. Air brake system of coaches
3. Passenger Amenity fittings
4. M&P required in Coaching Depot
5. Painting & Corrosion
6. Examination pattern of primary & secondary trains
7. Difference between ICF & LHB coaches design
8. Difference between K-type & L-type brake block
9. Difference between UMBC & BMBC brake system

**D. Working of vacuum Brake & Air Brake with special emphasis on Bogie Mounted Brake System (BMBS) with its in built slack adjusting mechanism**

**E. Store:-**

1. Stock & non-stock items
2. Non stock requisition.
3. Type of tenders
4. R- Note, DS-8, LM-32 & PAC.
5. Schedule of powers for procurement of stock and non-stock item

Contd... P/2.

**F. Establishment:-**

1. D&A cases ( Major & Minor)
2. Leave rules, Pass & PTO, HOER

**G. General:-**

1. Condemnation of wagons & coaches.
2. Mechanical unsatisfactory (Train Parting, Brake Binding, Hot Axle, Poor Brake Power).
3. General Mathematics & General Physics
4. Accident & its classification, causes of derailment, accident site investigation, coach wagon reading & track readings.
5. Working of air brake system ( Coaching & Goods)
6. Scrap & its Disposal.
7. Latest design changes in coaches & wagons.
8. Train parting, hot axle, brake binding, pressure trouble & its causes.
9. Conference rules- Part-III, IV & Rejection Rules.
10. Testing Procedure of Loco & Tram.
11. Out sourcing of mechanised coach cleaning, clean train station (CTS), OBHS, pest & rodent control & Linen management.
12. SPART & ART- Tools and plants, maintenance pattern
13. 140/120T Brake Down crane maintenance practices & operational features
14. Familiarities with Personal computers- operating system, hardware & software etc.

**H. M&P - Planning:-**

1. M&P requirement at Depot (Coaching & freight)
2. Proposal for procurement of M&P under Plan Head-41 & Works Programme under H-42.
3. Pink Book, Law Book & RSP procurement under PH-21.

**I. Short Note:-**

1. DV, SAB, BMBC, Single Car Testing, PEASD, ELB, Rolling in Examination, Audit Para, Draft Para, Bin Card, Imprest & Disaster Management

**J. Abbreviations related to Carriage & Wagon**

**K. Rajbhasa:-**

1. Rule 3/3
2. Implementation of Rajbhasa in sheds.
3. Hindi Translation.
4. Regions for क, ख, ग

(N.R. Patnaik)  
Sr. Personnel Officer (IR&G)  
for Chief Personnel Officer

Copy to: For information and necessary action.

1. CME/CoR/BBS.
2. Dy.CME(HQ)/ECoR/BBS.
3. Sr.DME/KUR, WAT & SBP
4. APO (HQ)- I & II

*[Handwritten signature]*  
11.12