



दक्षिण मध्य रेलवे, SOUTH CENTRAL RAILWAY

नांदेड़ मंडल, NANDED DIVISION

Divisional Office, Personnel Branch, Nanded- 431605.



No.SCR/P.NED/210(a)/C&W Cadre/M7/25% LDCE/Tech-III

Date: 01-03-2023

अधिसूचना/NOTIFICATION

Sub:- Selection for the post of Technician Gr.-III (Fitter) in Level-2/GP Rs.1900/- against 25% LDCE Quota in Mechanical (C&W) Department on NED Division.

It is proposed to fill up 01 Vacancy (UR-01, SC-00& ST-00) in the category of Technician Gr.-III/Fitter in Pay Band-I Rs. 5200-20200/- + Grade Pay Rs. 1900/- against 25% LDCE quota in Mechanical (C&W) Department on Nanded Division.

The Eligibility conditions and selection process is as under:

1.	Applications	The eligible employees are advised to submit their application in the enclosed prescribed Proforma. (Annexure-A)
2.	(i) Eligibility	All working in the categories of Assistant/Khalasi /Helper/Safaiwala(C&W) in Level-1/GP Rs. 1800/- for filling up of the vacancies of Technician Gr.-III(Fitter) in Mechanical (C&W) Department.
	(ii) Education Qualifications	10 th class or its equivalent. (Prescribed in Apprentice Act) (In terms of List of Designated Trades under Apprentice Act, 1961)
	(iii) Service conditions	Volunteers should have rendered a minimum of TWO YEARS of service (Residency Period) as Assistant/Khalasi /Helper/Safaiwala(C&W) in Level-1/GP Rs. 1800/- category as on the date notification (PCPO/SC's SC No.66/2017). In terms of PCPO/SC's letter No. P@605/XI dt.18.06.2009, all the employees volunteering for the above post including SC/ST who have satisfactorily completed (02) Two years of probation in Level-1 of 7 th CPC pay matrix as on the date of notification need only apply. Substitute service rendered after regular absorption will be counted as service for promotion to Group-C post subject to satisfactory completion of probation of two years in regular employment.
	(iv) Staff joined on request transfer on bottom seniority in this Division.	Service rendered by them in the old unit will be reckoned for determining their eligibility in the new unit subject to: - The condition that the services so allowed to be counted doest not exceed the length of service of their immediate senior in the new unit. (PCPO/SC's SC No.41.2006). 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 (PCPO/SC's SC No.117/2006).
	(v) Cut-off Date	Must have completed two years of service as on the date of issue of notification (PCPO/SC's SC No.131/2006) i.e. must have joined on or before 01.03.2021 duly observing the Sl.No.02 (iii & iv) above.
3	Syllabus	Enclosed as Annexure-A. There shall be questions on official language policy and Rules upto 10%. However, it is not mandatory to attend the same.

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4	Question Bank	Uploaded on SCR website - www.scr.indianrailways.gov.in - About us - Divisions - Nanded - Personnel - Question Bank. It may, however, be noted that there will not be any mandatory limit of questions for the question bank only. Secondly, holding of selections will not be postponed/delayed due to non-circulation of Question banks. (PCPO/SC's 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.
5.	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 School/System Technical Schools for a period of 3-4 weeks. (PCPO/SC's SC No.41/1998). Since, there is no vacancies reserved for "SC" category the ST volunteered employees will only be imparted with the pre-selection training. In case any "ST" 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 ST employees have been imparted pre-selection training for a period of 3-4 weeks.
6.	Mode of Selection	All the staff who have volunteered and fulfill the eligibility conditions prescribed there on would be subjected to a selection. The selection shall consist of written examination (Professional ability) and perusal of Record of Service (PCPO/SC's SC No.144/2003 & 185/2003).
	Written Examination	Written Examination: - The written examination will be 100% objective type (multiple choices on OMR sheet consisting of 110 questions (including 10 questions on Official Language Rules) employees are required to answer any 100 questions, the first attempted 100 questions will be evaluated. The duration of examination will be 120 minutes . Candidates may note that there shall be negative marking for each incorrect answer one third(1/3) of the marks allotted for each question will be deducted for wrong answers (PCPO/SC's SC No.159/2019). 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. Further provision of RBE No.196/2018 (SC.No.212/2018) will be applicable for the said written examination.
8.	Supplementary examination	As this selection is being held by calling for volunteers, there will be no supplementary examination.

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9.	Medical classification	Should be found fit in BEE ONE (B-I) at that time of empanelment.
10	Empanelment	<p>In terms of PCPO/SC's 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 <u>60% marks in aggregate</u> for being placed on panel. There will be <u>no classification</u> of candidates as "Outstanding" (RBE No. 113/2009 circulated as PCPO/SC's SC No.95/2009).</p> <p>There will be <u>no relaxation</u> in qualifying marks for candidates belonging to <u>SC/ST</u> community. They have to secure minimum 60% in written test and <u>60%</u> in aggregate.</p>
11.	Training after empanelment, Trade Test & Promotion.	<p>The empanelled employees who do not possess ITI in relevant trade have to undergo training for a period of 06 (Six) months and on completion of training, they will be conducted immediately to empanelled employees possessing ITI in the relevant trade in terms of PCPO/SC's Sc.No.67/1998).</p> <p>The promotion to the post of Technician-III(Fitter) to empanelled employees is subject to passing of Trade Test.</p> <p>The empanelled employees will be tested periodically during the prescribed training period. If he/she doest not make satisfactory progress or do not show any improvement he/she will be declared un-suitable of promotion</p> <p>The employees who fail in the initial trade test will be subjected to the trade test after a gap of six months and they will be promoted if they pass the subsequent trade test. Those failing in the subsequent trade test so held will be required to appear in the selection afresh as and whenever held. They will not, however, be required to be subjected to training again.</p>
12.	Absorption in working post/Promotion and seniority.	<p>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) (PCPO/SC's SC No.95/2009 and 67/1998).</p> <p>They will be on probation for a period of 12 months from the date of absorption in working post.</p>

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13.0 Notifying the Staff:-

- 13.1 Wide publicity should be given amongst eligible staff of Mechanical (C&W) Department. The copy of notification should be displayed on notice board at visible place. All the supervisors concerned should ensure the same.
- 13.2 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.
- 13.3 If any complaint is received from the employees for not being notified of the said notification, supervisory staff concerned will be held responsible.

14.0 How to apply: -

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

15.1 Enclosure to the applications: -

- a. Attested photocopy of 10th class or equivalent certificates.
 - b. Attested copy of community certificate in case of employees belonging to "ST" community.
 - c. Attested copies of Railway Week Awards received for the last 03 years.
 - d. Details of charge sheet/penalties imposed if any.
- 15.2 They should fill up the application form in their own hand writing in block letters without blue or black ball point pen only.
 - 15.3. All relevant columns in the application should be filled completely and strike out the inapplicable columns and forwarded duly signed by the controlling supervisor/officer wherever required else the same will not be considered.
 - 15.4 Employees should paste the recent photograph on the application which shall be attested by the concerned Supervisor/Officer.
 - 15.5 Employees should ensure that their Name, Father's Name, Date of Birth should exactly match as recorded in Matriculation or equivalent certificate and Service Register. In case any candidate has formally changed the name, then gazette notification should be submitted. Such candidate should indicate their changed name. However other details should match with the matriculation certificate and Service Register of the employee.
 - 15.6 Employees are advised to indicate their Personal Mobile Number and personal valid E-mail ID and keep them active for communication.
 - 15.7 Employees are further advised to SCR/NED Division, Personnel Department website to get the latest information.

16.0 Invalid Applications: -

- 16.1 Employees joined in Railway Service after 01.03.2021
- 16.2 Applications received after the late date (OR) applications submitted directly to DPO/Co-ord/NED office without routing through proper channel.
- 16.3 Application not in prescribed format.
- 16.4 Not possessing prescribed qualifications as on the date of notification.
- 16.5 Application without photograph.
- 16.6 Application without signature or with signature in capital letters.

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- 16.7 Incorrect applications
- 16.8 Applications without enclosures as mentioned in Para 18.3
- 16.9 Application which are filled in a language other than Hindi/English.
- 16.10 Variation in the information furnished in the application versus the documents enclosed.
- 16.11 Leaving any columns blank in the application form.
- 16.12 Suppression of facts or furnishing false information in application.
- 16.13 Any other irregularity.

17.0 General Conditions: -

- 17.1 Before applying to the post employees should carefully read the instructions and ensure that he/she fulfills all eligibility conditions at the time of submission of applications.
- 17.2 Empanelled candidates are liable to be posted any where in NED Division.
- 17.3 Mere calling for Written Examination/empanelment does not confer any right of promotion to the candidates.
- 17.4 Admission of the employee at all stages will be purely provisional subject to satisfying the prescribed conditions.
- 17.5 Due care will be taken in verifying the employees' details from Service Register. However, each employee is also equally liable and responsible to furnish his own service particulars including charge sheet/awards in the application and also equally liable and responsible for non-furnishing of service particulars in the application.

Important Dates: -

- a) Last date for submission of application in Sr.DME/NED office : 21.03.2023
- b) Application in one bunch with covering letter giving the details of Addressed to DPO/Co-ord/NED may be sent on or before in the following format. : 31.03.2023

Sl. No.	Name of the Employee	Community	PF.No.	Place of working	Date of submission of application in Sr.DME/NED office

- c) Tentative date of issue of Eligibility/Ineligibility list : 10.04.2023
- d) Tentative date of Pre-promotional training for 03 weeks - Will be decided later.
- e) Tentative date of examination – Will be decided later.

This may be treated as alert notice for written examination.

The Notification, Question Bank, Syllabus & proforma of application are uploaded on SCR website – www.scr.indianrailways.gov.in – About us – Divisions – Nanded – Personnel.

This issued with the approval of competent authority.


विश्वनाथ एस .पी.(Vishwanath S.P)

सहायक कार्मीक अधिकारी /Assistant Personnel Officer
कृते मंडल कार्मीक अधिकारी/ समन्वय/नादेड/ for DPO/Co-ord/NED

C/- Sr.DME/NED, Sr. DFM/NED for information please.

C/- Ch.OS/Confidential Section

C/- DS/SCRE Sangh, SCRM Union & AISCTRE Assn./NED.

C/- All Concerned SSE/C&W – for information and to give wide publicity to all employees.

21.3.23

Tech-III(Fitter) C&W 25% LDCE Quota Notification.
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Application for the post of Tech-III(F)/C&W in Level -2/GP Rs. 1900/- (7th CPC Pay Matrix) against 25% LDCE Quota in Mechanical (C&W) Department of NED Division.

1	Name in block letter (Sri/Smt).		
2	Father's name		
3	Community (attested copy of certificate should be enclosed)		
4	PF No		
5	Present Designation		
6	Pay Band + Grade Pay Rs. & Basic Pay		
7	Present depot/Station		
8	Date of Birth		
9	Date of Appointment		
10	Appointed as		
11	Date of attaining Temporary Status (in case of CLs/Substitutes)		
12	Date of Regularisation		
13	Date of Entry into present grade		
15	Educational qualification (attested copies to be enclosed)	Academic:	
		Technical:	
16	Whether opted to write examination in Hindi or English		
17	Railway week awards in previous 2 years (2020, 2021, 2022)		
18	Details of charge sheet/penalty if, any issued/undergoing as on date.		
19	Mobile No.		
20	Email		

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 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 a later date.

Date :

Depot:

Signature of the applicant

Forwarded to DPO/NED with reference to LrNo.SCR/P-NED/210(a)/C&W Cadre/M7 /25% LDCE/Tech-III(F), dt.01.03.2023.

It is certified that the above particulars have been checked and found correct of the employee.

Date.....

Unit.....,

Signature and seal of the forwarding supervisory official.

**SYLLABUS FOR THE SELECTION TO THE POST OF SKILLED ARTISAN IN
LEVEL-II OF VII CPC PAY MATRIX, I.E. IN PB:1, RS 5200-20200 WITH
GP RS 1900/-IN MECHANICAL C&W DEPARTMENT AGAINST 25%
LDCE(DEPARTMENTAL QUOTA).**

1. GENERAL

- a. General English, General Knowledge, Current Affairs,
- b. General Maths including Arithmetics, General science (up to X Std).
- c. Measurements (Length, Volume, Weight etc) & Measuring instruments.
- d. Lifting & Handling Devices.
- e. Personal Protective Equipments
- f. Fire Fighting
- g. First Aid
- h. Introduction to Indian Railways

2. WAGON THEORY:

Open line:

- a. Introduction to Different types of Wagons like BOXN, BOBRN, BCNHL, BOXN HL, BLC, BOX NS etc features & Their ROH Procedures, Codal Life of different wagons, POH & ROH Periodicity
- b. Transportation Codes & New Wagon Numbering System
- c. Different Types of Bogies, Parts & their functions
- d. CASNUB Bogies & Its modification for High Speed, Maintenance & Inspection of CASNUB Bogies.
- e. DOM & Its Trouble shooting, LSD, APM, BMS in Wagons.
- f. Pattern of Freight Train examination (JPO No: 07/2014)

b) Workshop:

- a. POH Procedure of different Wagons in Workshop
- b. Maintenance Practices of Bearings, Bogies, Air Brake Components etc in workshop

3. COACHING THEORY:

Open Line:

- a. Introduction to Coaches- Types, uses, Codal life, Codification of coaches etc
- b. ICF Coaches & Its Bogie parts & their function, Safety & Amenity fittings in coaches.
- c. Maintenance schedules of coaches, Types of maintenance, Bearings, Rolling Examination, Axle Box temperature measurement, Maintenance pattern of coaching trains (RPC-IV), R&D Role & Responsibility.

- d. Enroute spring breakages & speed restrictions, Enroute failure of Rolling stock- causes, Repercussions & their troubleshooting

Workshop:

- a. POH Procedure of Coaches in Workshop
- b. Maintenance Practices of Bearings, Bogies, Air Brake Components etc in workshop

4. MECHANICAL – GENERAL

- a. List of Rolling Stock Registers, Safety in railways at workplaces in Open line & Workshop (Electrical safety awareness, Hand & Power tool safety, Securing of Rolling stock, Safety during Pit line examination, shunting operation, Line block etc).
- b. Classification of Rolling Stock, Introduction to railway Wheels, Standard & Condemn wheel diameters of different rolling stocks, Tyre defect gauge, Wheel defects
- c. Air Brake System, Types, Parts and their function, Distributor Valve Functions & Its Sub-Assemblies.
- d. Brake Binding- Causes, Affects, Remedial Actions
- e. Train parting- Causes, Affects, Remedial Actions.
- f. Accidents- classification, Derailment mechanism, Investigation.
- g. IRCA, ODC, SWTR, SCTR, RTR, GDR, Stores, Bio Toilets.
- h. Types of Couplings-CBC, Screw Coupling, Schaku Coupling etc & their maintenance practices.
- i. Latest CBC's and Draft Gears used in Rolling stock.

5. LHB COACHES:

- a. Introduction to LHB Coaches, Advantages, Comparison between ICF & LHB Coaches, Types of LHB Coaches, LHB Air Brake system
- b. FIAT Bogie- Advantages, Function of parts,
- c. Air suspension system & its advantages, troubleshooting.
- d. FIBA- Necessity, Uses, Types, Isolation & Troubleshooting.
- e. WSP- Working principle, Parts & their function, Defect codes & troubleshooting
- f. Wheel shelling-causes and its troubleshooting, Enroute troubleshooting of LHB Coaches
- g. Latest modifications in LHB coaches.

6. ESTABLISHMENT:

- a. DAR, ECA, HOWPOR, Leave rules, Pass rules, Conduct rules, Official language policy & Rules.

यांत्रिक - सवारी एवं मालडिब्बा विभाग में सातवे केंद्रीय वेतन आयोग के पे मैट्रिक्स स्तर- II में, पीबी :- 1 - 5200-20200 में जीपी 1900 / - सहित 25% एलडीसीई (विभागीय कोटा) के अंतर्गत कुशल कारीगर के पद के लिए चयन का पाठ्यक्रम.

1. सामान्य

- ए. सामान्य अंग्रेजी, सामान्य ज्ञान, करंट अफेयर्स,
- बी. सामान्य गणित सहित अंकगणित, सामान्य विज्ञान (दसवीं कक्षा तक)
- सी. माप (लंबाई, मात्रा, वजन आदि) और मापने के उपकरण.
- डी. लिफ्टिंग और हैंडलिंग उपकरण.
- इ. व्यक्तिगत सुरक्षा उपकरण.
- एफ. अग्निशमन
- जी. प्राथमिक चिकित्सा
- एच. भारतीय रेलवे की प्रस्तावना

2. वैगन थ्योरी:

ओपन लाइन:

- ए. BOXN, BOBRN, BCNHL, BOXN HL, BCL, BOX NS जैसे विभिन्न प्रकार के वैगनों का परिचय, उनकी विशेषताएं और उनकी आरओएच प्रक्रियाएं, विभिन्न वैगनों का कोडल लाइफ, पीओएच और आरओएच की आवश्यकता.
- बी. परिवहन कोड और न्यू वैगन नंबरिंग सिस्टम.
- सी. बोगियों के विभिन्न प्रकार, पुर्जे और उनके कार्य.
- डी. कैसनब (CASNUB) बोगियां और उच्च गति के लिए इसका संशोधन, कैसनब (CASNUB) बोगियों का अनुरक्षण और निरीक्षण.
- ई. डीओएम और इसकी ट्रबल शूटिंग. वैगनों में एलएसडी, एपीएम, बीएमएस.
- एफ. मालगाड़ी परीक्षण का पैटर्न (जेपीओ संख्या: 07/2014)

बी) वर्कशॉप :

- ए. वर्कशॉप में विभिन्न वैगनों की पीओएच प्रक्रिया.
- बी. वर्कशॉप में बियरिंग्स, बोगियों, एयर ब्रेक कंपोनेंट आदि की अनुरक्षण प्रक्रिया.

3. कोचिंग थ्योरी:

ओपन लाइन:

- ए. कोचों का परिचय- प्रकार, उपयोग, कोडल लाइफ, कोचों का संहिताकरण आदि
- बी. आईसीएफ कोच और उसके बोगी के पुर्जे और उनके कार्य, कोचों में संरक्षा और सुविधा फिटिंग.
- सी. कोचों का अनुरक्षण शेड्यूल, अनुरक्षण के प्रकार, बियरिंग्स, रोलिंग परीक्षण, एक्सल बॉक्स तापमान माप, कोचिंग ट्रेनों का अनुरक्षण पैटर्न (RPC-IV), R&D रोल और उत्तरदायित्व.
- डी. इनरूट स्प्रिंग ब्रेकेज और गति प्रतिबंध, रोलिंग स्टॉक की इनरूट खराबियां - कारण, प्रभाव और उनकी ट्रबल शूटिंग.

वर्कशॉप :

- ए. वर्कशॉप में कोचों की पीओएच प्रक्रिया
बी. वर्कशॉप में बियरिंग्स, बोगियों, एयर ब्रेक कंपोनेंट्स आदि की अनुरक्षण प्रक्रिया.

4. यांत्रिक - सामान्य

- ए. रोलिंग स्टॉक रजिस्ट्रों की सूची, ओपन लाइन और वर्कशॉप में कार्यस्थलों पर रेलवे में संरक्षा (विद्युत सुरक्षा जागरूकता, हाथ और बिजली उपकरण संरक्षा. रोलिंग स्टॉक की सुरक्षा, पिट लाइन परीक्षण के दौरान संरक्षा, शंटिंग प्रचालन , लाइन ब्लॉक आदि).
- बी. रोलिंग स्टॉक का वर्गीकरण, रेल पहियों का परिचय, विभिन्न रोलिंग स्टॉक के मानक और कंडेम पहिया व्यास, टायर खराबी गेज. पहिया खराबी.
- सी. एयर ब्रेक सिस्टम, प्रकार, भाग और उनके कार्य, डिस्ट्रिब्यूटर वाल्व कार्य और इसकी सब -असेंबलियां.
- डी. ब्रेक बाइंडिंग- कारण, प्रभाव, सुधारात्मक कार्रवाई
- इ. गाडी विभाजन - कारण, प्रभाव, सुधारात्मक कार्रवाई.
- एफ. दुर्घटना-वर्गीकरण, डिरेलमेंट प्रक्रिया, जांच.
- जी. IRCA, ODC, SWTR, SCTR, RTR, GDR, भंडार, जैव शौचालय.
- एच. कपलिंग के प्रकार- सीबीसी, स्क्रू कपलिंग, शाकू कपलिंग आदि और उनके अनुरक्षण प्रक्रिया.
- आई रोलिंग स्टॉक में प्रयुक्त नवीनतम सीबीसी और ड्राफ्ट गियर्स.

5. एलएचबी कोच:

- ए. एलएचबी कोचों का परिचय, फायदे, आईसीएफ और एलएचबी कोचों के बीच तुलना, एलएचबी कोचों के प्रकार, एलएचबी एयर ब्रेक सिस्टम.
- बी. फिएट बोगी- फायदे, पुर्जों का कार्य.
- सी. एयर सस्पेंशन प्रणाली और इसके फायदे, ट्रबल शूटिंग.
- डी. FIBA-आवश्यकता, उपयोग, प्रकार, आयसोलेशन और ट्रबल शूटिंग.
- इ. WSP-कार्य सिद्धांत, पुर्जे और उनके कार्य, दोष कोड और ट्रबल शूटिंग.
- एफ. व्हील शेलिंग-कारण और इसकी ट्रबल शूटिंग. एलएचबी कोचों की इनरूट ट्रबल शूटिंग.
- जी. एलएचबी कोचों में नवीनतम संशोधन.

6. स्थापना:

- ए. DAR, ECA, HOWPOR, छुट्टी नियम, पास नियम, आचरण नियम, राजभाषा नीति और नियम.

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