

दक्षिण मध्य रेलवे / SOUTH CENTRAL RAILWAY



मंडल रेल प्रबंधक कार्यालय
Office of the Divisional
Railway Manager,

कार्मिक शाखा/Personnel Branch
हैदराबाद मंडल /Hyderabad Division
सिकंदराबाद /Secunderabad-500 071.
Date: 15.05.2024.

No:SCR/P-HYB/210(a)/JE-Mech/LDCE

NOTIFICATION

Sub:Filling up of vacancies of JE/DSL (Mech-Wing) in Level-6 of 7th CPC Pay Matrix
against 25%LDCE Quota in mechanical/DSL Department on HYB Division.

It is proposed to fill up the vacancies of JE/DSL(Mech-Wing) in mechanical department of HYB division through conducting selection by calling applications from the volunteers having the qualification/service/age &eligibility conditions as mentioned below.

1	Name of the Post	Junior Engineer-(Mechanical Wing)
2	Level/Pay Band&G.P	Leve-6/Rs.9300-34800+G.P.4200/-
3	Mode of filling	25% Limited Departmental Competitive examination(LDCE)
4	No.of Vacancies	02 UR
5	Eligible Categories to apply	All the existing artisan staff working in the category of Sr.Tech,Technician Gr-1,Technician Gr-II&III of Mechanical wing at DSL/MLY
6	Service Condition	Should have put a 3 years of regular service in skilled grade as on 15.05.2024
7	Educational Qualification	a)Degree or diploma in the relevant branch of engineering required for the post of junior engineer in terms of RBE letter no.E(NG)I/99/PM7/17 dated 28.07.2003 (S.C.No.157/2003) b)Pass in ITI/Act apprenticeship in relevant trade or pass in 10+2 in science stream in terms of Serial CircularNo.172/2003
8	Age	Age of the employees should not be more than 47 years as on 15.05.2024
9	Scheme of Examination	a)Selection to assess the professional ability of the employees shall consist of written examination.The employee should secure minimum of 60%marks in the written examination. b)The selection will be based on written examination and scrutiny of record of service. c)The written test will be Pen and OMR System or Computer Based test d)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.if the employee answers more than 100 questions the first attempted 100 questions will only be evaluated.

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		<p>e) The duration of the examination will be 120 minutes</p> <p>f) In terms of RBE No.194/2019, there will be negative marking for incorrect answers. One third [1/3] Marks allotted for each question will be deducted for wrong answers</p> <p>g) Cutting, over writing, erasing or alteration of any type in the answer will not be accepted. Zero marks will be given for answer having correction or overwriting</p> <p>h) There will be <u>NO SUPPLEMENTARY WRITTEN EXAMINATION</u> under any circumstances.</p>
10	Syllabus	The Indicative Question bank is available on South Central Railway website-www.scr.indianrailways.gov.in -> About us->Divisions-> Hyderabad->personnel.And Syllabus is enclosed as Annexure-'B'
11	Empanelment	The final panel will be drawn in the order of merit based on aggregate marks secured in the written examination (Professional ability)and record of service.
12	Training	Employees found suitable will have to undergo training as per prescribed syllabus for a period of 52weeks.After successful completion of training,they will be promoted as JE/DSL (Mech.wing)in pay band Rs.9300- 34800(rs)+G.P.Rs.4200/- subject to the availability of vacancies against 25% quota.
13	Pay&Allowances	During training period,the employees are eligible to draw the existing pay of present grade or stipendiary pay of Rs.35400(9300+G.P.Rs.4200) in pay band Rs.9300-34800(Rs)+G.P.Rs.4200/-which ever is beneficial in terms of IREC1315.
14	Last Date for submission of application	The willing and eligible volunteers has to submit their applications in the prescribed format enclosed as Annexure'A' and the completely filled applications along with the enclosures (i.e.copies of attested Xerox copies of relevant certificates with regard to age,caste,educational qualifications etc.As per the conditions mentioned above should be enclosed with application forms) to their controlling officers on or before 14.06.2024 who will forward the applications in one bunch to the Supervisor/Controlling officer under covering letter addressd to APO/T/HYB to reach this office on or before 18.06.2024
15	Date&Venue	The Venue and time of examination will be intimated separately.

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The application which are incomplete/not accompanied with the copies of requisite supportive documents or the applications received after due date will not be entertained under any circumstances.

The Controlling Officer/supervisory officials are advised to give wide publicity of the notification duly pasting a copy on the notice board.

Encl:Annexures A,B


(HANUMATAIAH)
APO/T
For DRM/P/HYB/SC

C/-Sr.DME/DSL/MLY,OS/Con for information please.

DS/SCRES/HYB;DS/SCRMU/HYB;DS/AISCSTREA/HYB/SC:DS/AIOBCA


For DRM/P/HYB/SC

Please affix your
recent passport
here

APPLICATION FOR THE POST OF JUNIOR ENGINEER IN PAY BAND Rs.9300-34800+Rs.4200(Level-6
under 7th CPC) AGAINST 25% LDCE QUOTA MECH(DSL)-DEPT.-HYB DIVN.

- 1.Name (in Block letters) :
- 2.Fathers name :
- 3.Present Design/Unit :
- 4.Date of Birth :
- 5.Date of Appointment :
- 6.Present PB+G.P :
- 7.Date of entry into the present Grade :
- 8.Age as on date of notification :
- 9.Educational Qualification :
- (attested copies of certificates to be enclosed) :
- 10.Community :
- 11.Technical Qualification :
- (attested copies of certificates to be enclosed) :

I declare that the above particulars are correct and that i am prepared to work anywhere on HYB Division in the event of my selection to the above post.

Encl:

Signature of the applicant

Forwarded to APO/T/HYB w.r.t Lr.No.SCR/P-HYB/210(a)/JE/Mech/DSL/LDCE

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

Depot

Dt:

Signature and Designation of the supervisor

Syllabus for the post of JE/DSL/Mechanical-25% quota-Diesel Loco Shed, Moula-Ali

1. Knowledge of basic principles and terminology of Mechanical equipment of all types of Diesel locomotives, DEMUs and Diesel units maintained by Shed.
2. Knowledge of Alco and HHP locomotives, DEMUs and Diesel Units maintained by shed - Constructional details, working and functioning. Preventive maintenance schedules, Testing & troubleshooting.
3. Maintenance & testing of following equipment- Alco & HHP locomotives.
 - (i) Power Pack
 - (ii) Under Truck
 - (iii) Compressor
 - (iv) Brake systems
 - (v) Hydraulic system
 - (vi) Turbo Super Charger of various types
 - (vii) Turbo Clutch assembly
 - (viii) Heat Exchangers
 - (ix) Cylinder Heads
 - (x) FIP
 - (xi) Water Pump
 - (xii) Lube Oil Pump
 - (xiii) After Cooler
 - (xiv) RTTM/FTTM Blower
 - (xv) EPD
 - (xvi) Hot Oil Detector
 - (xvii) MUI
 - (xviii) Radiators
 - (xix) Governors
4. Knowledge of reading various drawings related to mechanical systems.
5. Knowledge of Fuel Oil system, Lube oil system, Cooling water system, Air Intake system, compressor- Maintenance, troubleshooting, rectification in Alco & HHP locomotives.
6. Knowledge of Latest developments like long life lube oil filters, Plate Type Lube Oil Coolers, Lube Oil Centrifuge, Air dryers, high horse power turbo super chargers, VCD, APU, DPCS etc. (applicable only those maintained by shed).
7. Under Truck – Alco & HHP locomotives-Over hauling of bogies, Roller Bearings, checking of Axle box bearings and clearances. Checks conducted on important clearances, testing of springs, dampers, equalizing beams, compensating beams, knowledge of 'wheel gauge widening' and measurement of wheel profile. Knowledge of design features of high adhesion bogies, Tri mount cast bogies, equalizer less bogies. Knowledge of Radial bogies used in HHP locomotives (applicable only those maintained by shed) & HTSC bogies.
8. Safety – Knowledge of various safety items and safety devices fitted in the engine & locomotives.
9. Safety checks to be conducted on locomotive (including fire safety), before despatch.

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10. Knowledge of Air brake system – Alco & HHP locomotives- IRAB, CCB brake system (CCB 1.5 & CCB 2.0). Overhauling procedure of all air brake valves, operational procedure of multiple unit operation. Knowledge of troubleshooting in air brake system. Conducting Air brake self-test & MU setup for HHP locos.
11. Knowledge of various tools and precision instruments required for maintenance of mechanical equipment.
 - (i) Power wrenches
 - (ii) Torque multipliers
 - (iii) Vernier calliper
 - (iv) Wheel profile gauges
 - (v) Temperature measurement gauges etc.
12. Knowledge of locomotive working in multiple units.
13. Safety precautions to be taken at work place & OHE safety precautions.
14. Fire prevention measures and firefighting to be followed in the locomotive as well as in the shed.
15. General stores procedures – Indenting Stock & Non- Stock items and stocking procedure, disposal of scrap.
16. Knowledge of Establishment rules like HOER, WCA, Leave rules, Pass rules, D&A rules, Conduct rules and Official Language policy.
17. Knowledge of various Preventive maintenance schedules (Trip, Monthly, M-4/M-12/M-24 for Alco, 30D, 90D, 180D, Y1, Y2, Y3, Y4, Y5, Y6 schedules for HHP locomotives) and important jobs done in each schedule, ICO, IA, IB and IC schedules.
18. Knowledge of Quality Standards (i) ISO 9001:2015, (ii) ISO 14001:2015, (iii) OHSMS 18001:2018 (iv) 5S
19. Knowledge on computer working.


15.5.2024