



SOUTH CENTRAL RAILWAY

Office of the DRM/P,
Personnel Branch,
Sanchalan Bhavan,
Secunderabad.
Date: 05.09.2022

No.SCR/P-SC/210(a)/DLS/KZJ/JE/LDCE

ADDENDUM TO JE/DLS/KZJ (Mechanical) Notification

Sub: Formation of panel for filling up of the posts of Junior Engineer/DLS/KZJ **Mechanical wing** in Level-6 of 7th CPC Pay Matrix against 25% LDCE quota in DLS/KZJ, Mechanical Department of Secunderabad Division.

Ref: - 1) This office Notification issued under letter of even No. dated 29.03.2022.
2) This office letter of even Nos. dated 25.04.2022, 30.05.2022, 08.06.2022 & 13.07.2022.

Vide this office Notification under reference (1) it was proposed to fill up one (01) UR vacancy each in JE/DLS/Electrical & Mechanical wings of DLS/KZJ against 25% LDCE Quota. The Written Examination for the JE/DLS Electrical Wing has already been conducted on 05.07.2022 and the Written Examination for the JE/DLS/Mechanical wing has been kept in abeyance vide this office letter dated 13.07.2022 due to enhancement of vacancies of JE/DLS/Mechanical wing against 25% LDCE Quota, as the incumbents of JE/DLS Mechanical wing of DLS/KZJ who are borne on LDCE roster have been promoted to the post of SSE/DLS Mechanical wing. Hence, the following addendum/modifications have been issued only for filling up of the post of JE/DLS Mechanical wing of DLS/KZJ, Mechanical Department of Secunderabad Division.

Vacancies notified earlier					Revised vacancies				
UR	SC	ST	Total		UR	SC	ST	Total	
1	0	0	1		3	1	0	4	

Eligibility Conditions:

In addition to the 47 employees who were already made eligible for the post of JE/DLS/Mechanical wing circulated vide this office letter dated 30.05.2022 and the Technicians working in the **Mechanical and Ancillary wings** of DLS/KZJ with Level-2 and above with minimum Three (3) years of service in skilled grades in DLS/KZJ and having the following qualification as on 05.09.2022 may submit their application in the prescribed format:

- ITI/Act Apprenticeship pass in the relevant trade to the post of Junior Engineer/Mechanical (or) 10+2 (MPC) stream in terms of Railway Board's letter No. E(NG)/I/99/PM7/17, dated 25.08.2003 (PCPO/SC's SCNo.172/2003) (or)
- Degree or Diploma in the relevant branch of engineering required (Mechanical) for the post of Junior Engineer/Mechanical in terms of Railway Board's letter No. E(NG)/I/99/PM7/17, dated 28.07.2003, (PCPO/SC's S.No.57/2003) are eligible to submit applications to the post of JE/Mechanical wing in DLS/KZJ.

2.2 The volunteering staff should be below the age of 47 years in the case of General/OBC/ST employees and 52 years in the case of 'SC' employees (PCPO/SC's SCNo.90/2010 & 92/2011)

2.3 In terms of Railway Board's letter No. E(NG)/I/2005/PM1/52, dated 22.08.2006, (PCPO/SC's SC No.131/2006), the volunteering staff should fulfill the service conditions of age, educational qualifications and other service conditions as on the date of this addendum, i.e. as on 05.09.2022.

3. Date and Venue of Examination:

Important dates:

Last date for submission of applications in Sr.DME/DLS/KZJ office	14.09.2022
Last date for submission of applications to Sr. DPO/O/SC by Sr.DME/DLS/KZJ (All applications to be submitted in one bunch).	16.09.2022
Date of publication of revised eligibility list	21.09.2022
Tentative Written Examination date	Will be intimated later

3.1 The venue, date and time of examination will be intimated separately. However, it is to inform the volunteering staff that there will be no supplementary examination to the absentees.

4 Notifying to the staff:

4.1 The controlling officer/supervisor shall give wide publicity of the notification/addendum to all the eligible staff of DLS/KZJ of SC Division and notification/addendum should be displayed at conspicuous place. It is the responsibility of controlling officer/supervisor to circulate the notification among the staff concerned.

4.2 In terms of Railway Board's Letter No.E(NG)I-72/PM1/166, dated 26.06.1972, PCPO/SC's SCNo.213/72, the Senior Subordinate/Supervisor concerned has to furnish a certificate that "the eligible candidates were duly notified of the holding of the test and asked to submit their applications duly giving their willingness" and forward the same to Sr.DPO/O/SC. It should be the personal responsibility of the Senior Subordinate/Supervisor to complete the formality in this respect. It is further advised, that any other communication received in respect of the selection should invariably be intimated to all the eligible employees. In case of non receipt of any communication the same may be obtained from the Personnel department or from the Controlling Officer. Any laxity in this regard will be viewed seriously.

5. How to apply:

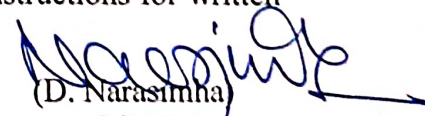
5.1 In addition to the 47 eligible employees (who have already submitted their application in response to the earlier notification) any other employees who fulfill the eligibility conditions as on 05.09.2022 may submit their application in the prescribed format through proper channel enclosed as Annexure 'B'.

6. Pre-selection Training:

There will be pre-selection Training for minimum 21 days for the 'SC' employees in terms of Railway Board's RBE No. 174/1997. Since there are no vacancies meant for the 'ST' employees, no pre-promotional training will be imparted to 'ST' reserved community employees in terms of Railway Board's letter No.83-E-(SCT)42/1 Dt 14.04.83.

All the other instructions issued vide this office notification dated 29.03.2022 with regard to the Mode of Selection, qualifying marks, Procedure for written examination, Sample Questions, Syllabus etc. stands good.

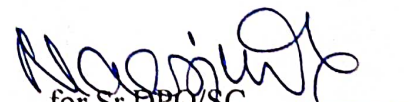
Encl: Syllabus (Annexure- 'A'), Application Proforma (Annexure- 'B'), Instructions for written examination (Annexure 'C') & Sample OMR sheet.


(D. Narasimha)
APO/M&EL
for Sr.DPO/SC

C/-Sr.DME/DLS/KZJ→for kind information and necessary action please.

C/- OS/Selection Cell, Ch.OS/IT Cell→ for uploading on website.

C/- DSs/SCRES, SCRMU, AISCSTREA, SCROBCREA/SC Division.


for Sr.DPO/SC

Syllabus for Selection of Junior Engineer –Mechanical LDCE-25% Quota

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. Functioning, maintenance & testing of following equipments- 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

6 TP

- locomotives (applicable only those maintained by shed) & HTSC bogies.
8. Safety – Knowledge of various safety items fitted in the engine & locomotive.
 9. Safety checks to be conducted on locomotive (including fire safety), before despatch.
 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 fire fighting to be followed in the locomotive as well as in the shed.
 15. General stores procedures – Indenting Stock & Non- Stock items and stocking procedure.
 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.
 18. Knowledge of Quality Standards (i) ISO 9001:2015, (ii) ISO 14001:2015, (iii) OHSAS 18001:2007.
 19. Knowledge of Computer.

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ANNEXURE-B

Application for selection to the post of Junior Engineer/DLS (Mechanical wing) in Level-06 against 25% LDCE quota in Mechanical Department in DLS/ KZJ of Secunderabad Division.

Applied for the post of:

1. Name of the Employee
2. PF No.
3. Designation / Station
4. Date of Birth (DD/MM/YYYY)

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Affix recent
photograph attested
by controlling/officer
supervisor

5. Age as on (05.09.2022) : _____ Years _____ Months _____ Days
6. Community [UR/OBC/SC/ST] :

7. Date of Initial Appointment/Station/Dept./Divn./Rly:

Designation	Date of Appt	Station	Dept.	Division	Railway
Technician Gr.III (L-2)					
Technician Gr.II (L-4)					
Technician Gr.I (L-5)					
Sr. Technician (L-6)					

8. Total Length of service in Technician Gr.III and above: _____ Years _____ Months _____ Days.

9. Educational Qualifications
(Attested copies of certificates are to be enclosed)

10. Awards conferred during the last three years if, any:

11. Penalties imposed during last three years if, any:

12. Any other relevant information.

13. Contact Number : _____ (Mobile) _____ (Office)

Declaration: I hereby declare that the particulars furnished above 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, incorrect or I do not satisfy/fulfilling the eligibility criteria, my candidature/ appointment on promotion is liable to be cancelled besides liable for disciplinary action as per rules. I have read contents of the notification and agree to abide by the rules, regulations and procedure prescribed for promotion to the post of Junior Engineer.

Date:
Station:

Signature of the Employee
Name :
Designation :

(For the use of Supervisor of the employees)

Letter No.

Date:

It is certified that the particulars furnished by the employee are verified with the records available in this office and found to be correct and forwarded for further course of action.

Signature of the Supervisor with date & stamp

(For the use of Controlling Officer of the employees)

Letter No.

Date:

Verified and counter Signed and forwarded to Sr.DPO/SC for further necessary action.

Signature of the
controlling officer with date & stamp

उम्मीदवारों के लिए निर्देश

1. उम्मीदवारों को, दिए गए बॉक्स को छोड़कर कहीं भी अपना नाम / रोल नं./सिखना / हस्ताक्षर नहीं करना चाहिए।
2. उम्मीदवार को नीली या काली स्थायी पाली कलम / बॉल पेन का उपयोग करना चाहिए।
3. यदि यह पाया जाता है कि उम्मीदवारों ने अपनी पहचान प्रकट करने के लिए कुछ अन्य माध्यमों का उपयोग किया है तो ओएमआर शीट का मूल्यांकन बिल्कुल नहीं किया जाएगा;
4. केवल एक ही उत्तर को चुना एवं अंकित किया जाए, यदि किसी एक प्रश्न के लिए एक से अधिक उत्तर अंकित किए गए हों या किसी प्रश्न के लिए कोई उत्तर न हो, तो उस प्रश्न के लिए कोई अंक नहीं दिया जाएगा।
5. उत्तर को मिटाने / काटने / परिवर्तन / या उत्तर को बदलने की अनुमति नहीं है।
6. उत्तर / ओएमआर शीट को न तो मोड़ें और न ही उन्हें फाइल करें या टैग करें या पिन-अप करें या स्टेपल करें।
7. उत्तर / ओएमआर शीट पर रफ़ कार्य न करें।
8. गलत उत्तरों के लिए अंक काट लिए जाएंगे, गलत उत्तरों के लिए, प्रत्येक प्रश्न के लिए आवंटित अंकों का एक तिहाई अंक काट लिया जाएगा।
9. प्रत्येक प्रश्न के लिए केवल एक ही सही / सबसे उपयुक्त उत्तर है।
10. पहले से की गई छायांकन को छिपाने के लिए मार्कर, सफेद तरल पदार्थ या किसी अन्य उपकरण का उपयोग न करें
10. ओएमआर शीट दो प्रतियों में होगी, उम्मीदवारों को किसी भी विसंगति के मामले में और परीक्षा शुरू करने से पहले ओएमआर शीट की जांच कर लेनी चाहिए

उत्तर देने की सही विधि

(पूरी तरह से उपयुक्त सर्कल छायांकन)

अगर आपका जवाब 2 है

यदि आपका उत्तर 3 है

अगर आपका जवाब 1 है

अगर आपका जवाब 4 है

जवाब देने का गलत तरीका

बजाते

चौराहा

आंशिक रूप से छायांकन

एक से अधिक मंडलों में छायांकन करना

किसी भी घेरे में छायांकन नहीं

छायांकन के गलत तरीके के लिए कोई अंक नहीं दिया जाएगा

Instructions for the candidates

1. Candidate should not write his/her Name/Roll No./signature except in the box provided.
2. The candidate should use either blue or black ink pen/ball pen.
3. If it is found that the candidates has used some other means to distinctly reveal his identity then the OMR sheet shall not be evaluated at all;
4. Only one response to be selected & marked. In case more than one response is marked for a single question or no response is marked for a question, no marks will be given for that question
5. Erasing/cutting/alteration of answer or changing of answer is not allowed.
6. DO NOT fold answer/OMR sheets or file them or tag them or pin-up them or staple them.
7. Rough work is NOT to be done on the answer/OMR sheet.
8. There shall be negative marking for incorrect Answers. One third of the marks allotted for each question will be deducted for wrong Answers.
9. There is only one correct/most appropriate answer for each question.
10. Do not use marker, white fluid or any other device to hide the shading already done
11. OMR sheet will be in two copies. Candidates must check before starting examination and in case of any discrepancy.

CORRECT METHOD OF ANSWERING
(Shading fully the appropriate circle)

If your answer is 2	1. ☐ ☒ ☐ ☐
If your answer is 3	2. ☐ ☐ ☒ ☐
If your answer is 1	3. ☒ ☐ ☐ ☐
If your answer is 4	4. ☐ ☐ ☐ ☒

INCORRECT METHOD OF ANSWERING

1. ☐ ☒ ☐ ☐	Ticking
2. ☐ ☒ ☒ ☐	Crossing
3. ☒ ☒ ☐ ☐	Partly shading
4. ☒ ☒ ☒ ☒	Shading more than one circle
5. ☐ ☐ ☐ ☐	Not shading any circle

No marks will be awarded for incorrect way of shading.

तारीख सहित उम्मीदवार के हस्ताक्षर

Signature of the candidate with date