

**NORTHERN RAILWAY
(FIROZPUR DIVISION)**

Ref:- No. E-387/129/CBT/S-Cell/P Date: 29.07.25)

No.293-64/Tech-III/DSL/Mech/25/P2A
Date: -01.08.2025

DRM Office
FZR Div/ NR

Selection for promotion to the post of Tech-III/DSL/Mech in Pay Level-2 of 7th CPC against 25% IMQ in Mech. department of FZR Division.

1. It has been decided to hold a selection for filling up vacancies for the post of Tech-III/DSL/Mech in Level-2, against 25 % LDCE Quota in Mech. department of FZR Division. Bifurcation of vacancies is as under:

UR	SC	ST	Total	PwBD (in terms of Railway Board's letter no. E(NG)II/2017/RC-2/1 Policy dt. 27.02.2019)
21	03	02	26	01

2. Eligibility and Service conditions:

- 1) Employee should have working as **DSL Cleaner/DSL Mech** in Mech. department of FZR division & JAT/Div.
 - 2) Employees should have must have completed two years of service as on date of issue of notification.
 - 3) All the employees volunteering for above post including SC/ST who have satisfactorily completed two years period of probation in the recruitment grade need only apply.
 - 4) Candidates must ensure that they possess and fulfill all the prescribed educational or technical qualifications for the post on or before the closing date for submitting application.
 - 5) Matriculation or ITI from recognized institutions of NCVT/SCVT in the relevant trade (OR) Course Completed Act Apprenticeship in the relevant trade.
 - 6) Should be found fit in Bee One (B-1) at the time empaneled.
 - 7) The empaneled employees who do not possess ITI in relevant trade have to undergo training for a period of 06 months and on completion of training, they are subject to trade test.
- 3. Syllabus:** A syllabus for the above selection is attached as Annexure-I. This is a common syllabus for the post as approved by the concerned PHOD and is applicable for all Divisions/Units over Northern Railway.

4. Procedure for written examination:

- (i) The written examination will be conducted by Railway Recruitment Cell (RRC), Northern Railway through an Examination Conducting Agency to be provided by Railway Recruitment Board (RRB).
- (ii) The written examination will be a Computer Based Test (CBT)/ Tablet Based Test (TBT) where there will be no physical question paper. All the questions will appear on the computer/ tablet and the employee will have to mark their responses/answers to the questions on computer/tablet.
- (iii) RRC/NR will be issuing a formal admit card online (through the website <https://rrcnr.org>) to each and every eligible and willing employee for appearing in the CBT/TBT. Examination Venue and time of reporting for the written examination will be there in the admit card. As no physical communication will be made after issue of this vacancy notice, it will be the responsibility of the concerned employees to regularly visit RRC/NR's website as well as this Division's website for an update and to download the admit card as and when made available by RRC. Further, no supplementary/absentee examination shall be conducted on this ground.
- (iv) A link will also be made available on the above website (<https://rrcnr.org>) to the employees, explaining as to how the question will be appearing and how to mark the responses/ answers in the actual examination. Employees can practice through that link any number of times.
- (v) Both physical and biometric attendance will be marked at the examination venue.
- (vi) 100% questions will be objective type multiple choice questions.
- (vii) There will be 1/3 negative marking.
- (viii) There shall be questions in Official Language Policy and Rules upto 10% of marks. However, it is not mandatory to attend the same.
- (ix) There will be 110 questions of objective multiple-choice type with four answer options, and the 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.
- (x) The written examination will be of 02 (two) hours duration.
- (xi) There will be computerized evaluation.
- (xii) there will be no supplementary examination.



(xiii) There will be no relaxation in qualifying marks for candidates belonging to SC/ST community. They have to obtain a minimum 60% in written test and 60% in aggregate.

(xiv) 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 60% marks in Professional Ability and 60% marks in the aggregate for being placed on the panel. There will be no classification of candidates as "Outstanding" (RBE No.113/2009).

5. Notifying to the employees:

Last Date for Submission of Application:

The willing and eligible volunteers/staff who have completed the eligibility conditions as on date of issue of this letter has to submit their applications in the Proforma enclosed as "Annexure A" through Senior Subordinates/Supervisory Officials on or before 21.08.2025 up to 17:00 Hrs through SWS. The Senior Subordinates/Supervisory Officials has to forward all applications in one bunch to Sr. DPO/FZR together with D&AR/SPE/Vig. Clearance on or before 25.08.2025 through SWS. The applications received after the last date will be summarily rejected without assigning any reasons. The employees should submit the attested copies of education qualifications and caste certificates along with the applications. No individual applications from the candidates will receive in this office. Any individual application received in this office will be rejected without notice to the candidates.

It will be the personal responsibility of Sr. Subordinate concerned to ensure that the staff in question fulfils the eligibility criteria as on issue of this letter, before forwarding their applications to this office. Applications received after 21.08.2025 will not be entertained

6. Tentative schedule for holding the selection:

Activity number	Details of activity	Tentative date
1.	Issue of notification along	01.08.2025
2.	Last date to submit the application at concern supervisor's office	21.08.2025
3.	Last date to submit the application at Personnel branch duly forwarded by concern officer.(For all Supervisors only)	25.08.2025
4.	Finalization of list of eligible candidates.	04.09.2025
5.	Conducting pre-examination training	Required

7. Websites to be visited regularly for any update:


RRC/NR's website: <https://rrcnr.org>

Firozpur Division/Unit's website:

8. Other conditions:

- Employees before applying should carefully read the instructions and ensure that he/she fulfils all eligibility conditions at the time of submission of applications.
- As per GM(P)/NDLS letter No. 807-E/Surrender of post/MPP-2017/II, dated- 19.06.2025, all the promotion of FZR division and JAT division jurisdiction should be done by FZR division. Hence this selection to be conducted for FZR & JAT division both and after empanelment employees may be posted anywhere at FZR & JAT division as per administrative requirements.**
- Mere empanelment does not confer any right of promotion to the candidates.
- Admission of the employee at all stages will be purely provisional subject to satisfying the prescribed conditions.
- Due care will be taken in verifying the employees' details from Service Register. However, each employee is also equally liable & responsible to furnish his own service particulars including charge sheets/awards in the application, and also equally liable & responsible for non-furnishing of service particulars in the application.

Note: If any of the above instructions were modified/alerted at a later date by the Railway Board or Headquarters, the administration reserves the right to amend the above notified instructions to the extent to give the effect of the same.


For Sr. Divisional Personnel Officer
N. Rly/Firozpur

Copy forwarded for information and necessary action to:

- All CS & WLs/Firozpur Division: To hand over a copy of this notification to the employees appearing in Annexure-I & II under written acknowledgment
- Ch.OS/OS, Confidential cell, Firozpur Division
- Divl. Secy./NRMU/URMU, SCSTREA & OBCREA of FZR Division
- Sr. DME/DSL/LDH of Firozpur & Sr. DME/JAT Division
- RRC/NR's website (<https://rrcnr.org>)



NORTHERN RAILWAY
(Personnel Department)

Headquarters Office,
Baroda House,
New Delhi.

P.S. No. 16022/2025

NO. 752-E/Mech Policy/EIIC

DATE: 16/07/2025

Divisional Railway Manager/NR: DLI, FZR, MB, UMB, LKO & JAT
Chief Workshop Manager/NR: AMV-LKO, CB-LKO, JUDW, ASR & RCNK-SNP,
CWM/Signal Shop, GZB.
CAO/C: K. Gate DLI & Satyam Complex, Trikuta Ngr/JAT.
MD/NRCH.
Chief Manager (Ptg. & Sty) Punjabi Bagh, Delhi
Dy.CMM: SSB, AMV-LKO & JUDW.
DY.CE/TMC/Line, State Entry Road, New Delhi.
Dy.CE/Bridge, CB-LKO, JUC & TKJ.

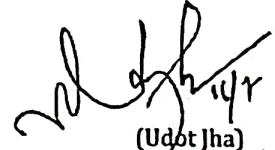
Sub: Syllabus of written examination for the post of Tech-III/Dsl/Mech.
Ref: (i) PCPO/NR's letter no. PCPO/Sel./2025 dated 15/05/2025.
(ii) Dy.CME/HQ's letter no. Confdl.Mech/Group C Selection/266 dated 14/07/2025.

In reference to above subject, the syllabus of written examination for the post of Tech-III/Dsl/Mech. in Level-02, is enclosed herewith for your information and necessary action please.

The above PS.No. is available on the website given as under:-<https://nr.indianrailways.gov.in>

Please acknowledge the receipt

DA: As Above


(Udot Jha)
For General Manager (P)

Copy to:

1. All PHODs and All Officers of Personnel Deptt., HQ Office, Baroda House, New Delhi.
2. Genl. Secy./NRMU, 12 Chelmsford Road, New Delhi.
3. Genl. Secy./URMU, 166/2, P.K.Road, New Delhi.
4. Genl. Secy./AIOBC Rly Emp. Asso. 171/A3, Basant Lane, New Delhi.
5. Genl. Secy./All India SC/ST Rly Emp. Asso. North Zone Office, Baroda House, New Delhi.
6. Genl. Secy./NRPOA Room No.301, HQ Office, Baroda House, New Delhi.
7. Dy.CPO/IT, HQs Office, Baroda House, NDLS for uploading on the website.
8. Dy.CPO/R&P, HQs Office, Baroda House, NDLS being policy matter.



Northern Railway

HQ Office,
Mechanical Branch

Syllabus for examination for selection to the post of Tech Gr III/DSL Mech

Part 1: General Knowledge

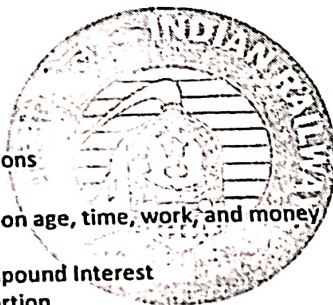
- 1.1 Important National & International Events, Authors, Places & Personalities etc.
- 1.2 Sports
- 1.3 "Who's Who"
- 1.4 Facts about Indian Railways & Its Organization, Important events In Indian Railways
- 1.5 Current Affairs

Part-2: English

- 2.1 Antonyms and Synonyms
- 2.2 Tenses, Modals, Determiners, Prepositions
- 2.3 Active and Passive Voice
- 2.4 Direct and Indirect Speech

Part-3: Mathematics

- 3.1 Algebra
 - 3.1.1. Number System
 - 3.1.2. Basic Algebra
 - 3.1.3. Quadratic Equations
- 3.2 Arithmetic
 - 3.2.1. Problems based on age, time, work, and money
 - 3.2.2. Profit & Loss
 - 3.2.3. Simple and Compound Interest
 - 3.2.4. Ratio and Proportion
- 3.3 Triangles
 - 3.3.1. Area
 - 3.3.2. Pythagoras' Theorem
 - 3.3.3. Angle Sum Property, Exterior Angle Property
- 3.4 Area and Volume
 - 3.4.1. Areas Related to Square, Rectangle, Triangle, Circles, Parallelogram, and Areas of Sector
 - 3.4.2. Volume of Cylinder, Cube, Cuboid, Cone, etc.



Part 4: General Science

- 4.1 Matter in Our Surroundings: Physical Nature of Matter, Characteristics of Particles of Matter, States of Matter, Mixture, Solution, Concentration of a Solution, Compound
- 4.2 Atoms, Molecules and Chemical Reactions, Structure of the Atom, Valency, Atomic Number, Isotopes, Isobars, Laws of Chemical Combination, Chemical Equations, Types of Chemical Reactions, Oxidation and Reduction, Acids, Bases and Salts, Names of the Salts and Compounds

- 4.3 Metals and Non-metals (Physical Properties, Chemical Properties), Ores of Metals, Corrosion and its prevention
- 4.4 Force and Laws of Motion: Motion Along a Straight Line, Uniform Motion and Non uniform Motion, Speed with Direction, Acceleration, Equations of Motion, Uniform Circular Motion, Balanced and Unbalanced Forces, Laws of Motion
- 4.5 Work and Energy: Scientific Conception of Work, Forms of Energy, Potential Energy, Potential Energy of an Object at a Height, Law of Conservation of Energy, Power, Method of Heat Transfer
- 4.6 Light – Reflection and Refraction, Spherical Mirrors, Sign Convention for Reflection by Spherical Mirrors, Refractive Index, Refraction through a Rectangular Glass Slab & Prism, Atmospheric Refraction, Refraction by Spherical Lenses, Image Formation by Lenses, The Human Eye, Dispersion of White Light by a Glass Prism

Part-5: Establishment Rules

- 5.1 Pass Rules
- 5.2 Leave Rules
- 5.3 Payment of Wages Act
- 5.4 Hours of Employment Regulations
- 5.5 D&AR (Disciplinary & Appeal Rules)
- 5.6 Workmen's Compensation Act
- 5.7 Factory Act
- 5.8 Basic Knowledge about HRMS, RESS, HIMS, and NPS web portals/App

Part-6 राजभाषा

- 6.1 संघ की राजभाषा नीति का सामान्य परिचय
- 6.2 राजभाषा अधिनियम 1963
- 6.3 राजभाषा संशोधन नियम 1976
- 6.4 राजभाषा संकल्प 1968
- 6.5 राजभाषा से संबंधित वार्षिक पाठ्यक्रम एवं प्रचलित शब्दावली

Part-7 Professional Knowledge

- 7.1 ALCO Locomotive
 - 7.1.1 Design and construction of ALCO Locomotive
 - 7.1.2 Basic knowledge of Components of engine block
 - 7.1.3 Basic idea of Bogie and CBC
 - 7.1.4 Various maintenance schedules of ALCO: T1, M1, M2, M6, M12, M24, M72
- 7.2 HHP Locomotive
 - 7.2.1 Basic design and construction of HHP locomotive
 - 7.2.2 Various types of HHP Locomotives: WDGG4, WDP4 & WDP 4D
 - 7.2.3 Basic knowledge of components of engine block of HHP locomotive
 - 7.2.4 Various maintenance schedules: 30 Days, 90 days, 180 Days, Yearly, 3 yearly and 6 yearly

7.3 Electric Locomotive

- 7.3.1 Design and construction of Electric locomotive
- 7.3.2 Bogies and CBC used in Electric Locomotive
- 7.3.3 Working of earthing switch
- 7.3.4 Basic knowledge of Transformer
- 7.3.5 Basic knowledge of Pantograph
- 7.3.6 Various maintenance schedules: IA, IB, IC and TOH

7.4 T-18 (Vande Bharat)

- 7.4.1 Basic Knowledge of T-18, Formation of T-18
- 7.4.2 Basic Idea of Bogle used in T-18 and its components
- 7.4.3 Various maintenance schedules: Trip, Monthly, Quarterly and 9 Monthly

7.5 DEMU

- 7.5.1 Basic knowledge of various assemblies & components
- 7.5.2 Basic idea of configuration of DEMU trains
- 7.5.3 Passenger Amenities & safety items
- 7.5.4 Various schedule checks: A check, B check, C check and D check

7.6 MEMU/EMU

- 7.6.1 Basic knowledge of various assemblies & components
- 7.6.2 Configuration of coaches in EMU/MEMU trains
- 7.6.3 Passenger Amenities & safety item
- 7.6.4 Various maintenance schedules IA and IC

7.7 General

- 7.7.1 Types of bolts: hex bolts, carriage bolts, and eye bolts
- 7.7.2 Common nut types hex nuts, lock nuts, and wing nuts
- 7.7.3 Basic knowledge of Rivets: Snap head and Counter sunk
- 7.7.4 Material specifications, Properties, Bearings, Lubricants and Drives
- 7.7.5 Arc Welding, Gas Welding & Cutting
- 7.7.6 Industrial safety, Fire Safety, Housekeeping and First Aid
- 7.7.7 Basic knowledge of computers: MS Word, MS Excel
- 7.7.8 Basic knowledge of CNC machines
- 7.7.9 Knowledge of hazardous waste and its disposal

-- END --

Annexure-A

Application for the post of Tech-III /DSL Mech in Level-2 (7th CPC) against
25% LDCE quota in Mechanical Department of FZR division.

- 1) Name
(In block letters)
- 2) Father's name
- 3) Community (UR/SC/ST)
(attested copy to be enclosed)
- 4) HRMS ID
- 5) P.F.No (11 Digit)
- 6) Date of Birth (DD/MM/YYYY)
- 7) Date of appointment
- 8) Appointed as
- 9) Date of Regularization
- 10) Regularized as & Unit
(Specify the capacity of the unit)
- 11) Present Designation & Station
- 12) Date of entry into-present grade
- 13) Whether granted financial up gradation under MACP Scheme?.....
If yes furnish copy of Memorandum granting MACP)
- 14) Educational qualifications
(attested copies to be enclosed)
- 15) Technical qualifications
(attested copies to be enclosed)
- 16) Particulars of apprenticeship training (if any)
(copies to be enclosed)
- 17) Awards (attested copies to be enclosed)
- 18) Details of charge sheet/penalty as on date
(If yes, enclosed copy, otherwise strike out which is not applicable)
(SF-5/SF-7/Undergoing punishment)
- 19) Mobile Number
- 20) e-Mail ID
(In block letters)

attested by incharge
Controlling Supervisor

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 also aware that I shall progress further in the trade opted by me, if selected and hereby declare that I will not seek change of trade at a later date.

Date:
Station:

Signature of applicant

Forwarded to APO/P/FZR with reference to
DRM(P)/FZR Notification dated: 01.08.2025.
Certified -that service particulars furnished by employees have been verified and found correct.

Date:

SSE/ JE
(With stamp)

ADME/ DME
(With stamp)

Northern Railway

Divisional Office

Northern Railway/Firozpur

Corrigendum

In Part of modification to this office letter of even no dated: 01.08.2025, it is mentioned that the one post (01) identified for PwBD's allotted to HH category. Others terms and condition remaining same .

No.293-64/Tech-III/DSL/Mech/25/P2A

For Sr. Divisional Personnel officer

Date: -05.08.2025

Northern Railway/Firozpur

Copy forwarded for information and necessary action to:

1. All CS & WLIs/Firozpur Division: To hand over a copy of this notification to the employees appearing in Annexure-I & II under written acknowledgment
2. Ch.OS/OS, Confidential cell, Firozpur Division
3. Divl. Secy./NRMU/URMU, SCSTREA & OBCREA of FZR Division
4. Sr. DME/DSL/LDH of Firozpur & Sr. DME/JAT Division
5. RRC/NR's website (<https://rrcnr.org>)