



SOUTHERN RAILWAY

**Headquarters Office,
Personnel Department,
Chennai – 600 003.
Date: 03.02.2026.**

No. P(S)608/IV/DTTC/GOC/LI/Vol.I

DRM/P/MAS, TPJ, MDU, SA, PGT & TVC
CWM/GOC, CWM/CW/PER & CWM/LW/PER

NOTIFICATION

Sub: Selection to the post of Loco Inspector/Training (Ex-Cadre) at DTTC/GOC in PML – 7 – reg.

It is proposed to conduct a selection for filling up “04” UR vacancies of Loco Inspector/Training (Ex-Cadre) at Diesel Traction Training Centre/GOC in PML – 7 through CCBT mode.

1.0 ELIGIBILITY CRITERIA:

Eligible staff to be called for	Volunteers are called for from 1. Chief Loco Inspector in L-7 (GP Rs. 4600) 2. Loco Pilots (Mail/Express/Pass./Goods) except Shunter & Dsl. Assistant in L-6 (GP Rs. 4200) with driving experience of minimum 5 years from Loco Pilot (Goods) onwards Both 1 & 2 should have atleast 10 years of experience in running category.
Educational Qualification	B.E/B.Tech/AMIE/Diploma in Electrical/Electrical & Electronics/Electronics & Communication/Electrical & Instrumentation/Mechanical Engineering
Age Limit	In terms of RBE No. 104/2023, Upper Age limit as on date of notification is 58 years.
Conditions for applications	In terms of PBC No. 116/2023, employees already working in another Ex-Cadre post can also apply subject to the condition that their tenure period in both the Ex-Cadre posts taken together does not exceed a maximum of five years in total. In terms of RBE No. 104/2023, Cooling off period between two tenures should be at-least one year.
Tenure	In terms of RBE No. 104/2023, maximum tenure of Instructors in one consecutive spell should be 5 years. They will be repatriated to parent cadre on completion of their tenure period or 3 months prior to the date of their retirement or when their performance is found to be not satisfactory at any time without assigning any reasons whatsoever, whichever is earlier.

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2.0 SELECTION PROCEDURE:

- 1) In terms of RBE No. 79/2019, Selection will consists of CCBT Examination and Class Room Trial. The maximum mark is 100 and qualifying mark is 60%.
- 2) In terms of PBC No.263/2018 and 46/2019 the CCBT examination will be 100% Objective type multiple choice questions with duration not less than 120 minutes and 10% of the total marks will be from Official Language Policy and Rules, which shall be optional.
- 3) In terms of PBC No.264/2019, there shall be negative marking @ 1/3rd mark reduced for every wrong answer.
- 4) Selection will be based on merit as per the instructions contained in RBE No.4/2020 read with RBE No.39/2020.

3.0 GENERAL INSTRUCTIONS:

- i) Applications should be submitted through online mode only from **06/02/2026** to **26/02/2026** at <https://southernrailway.gov.in/srhqpb/home> duly adhering to the procedures and instructions envisage in PBC No. 150/2022 dated: 30/08/2022 and PBC No.232/2022 dated: 07/11/2022.
- ii) The link for the notification will be made available from **06/02/2026** in the Personnel Department internet website <https://southernrailway.gov.in/srhqpb/home> and also in the Rail net website of Southern Railway.
- iii) The employees willing to apply for the above selection have to submit their applications through the above mentioned website in online mode only. Applications received from any other mode will be summarily rejected.
- iv) The instructions to applicants briefing the procedures/registration of applications through online mode will be included in the website notifications for information and guidance.
- v) After the closing date of the application, the cadre dealer/Personnel officer should login and download the applicant details in Excel Format.
- vi) The respective Cadre Dealer/Controlling Personnel Officer should verify the correctness of the particulars of each applicant in the downloaded excel file with Service Register and other available relevant records. After due, verification, each application had to be certified in the excel file in remarks column as to eligible or otherwise without fail. The same had to be uploaded in the Website along with the covering letter, and a copy should also be forwarded in e-office to the undersigned as e-receipt on or before 17.00 hrs. **03/03/2026**.


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- vii) The list of supporting documents as detailed below should be kept in PDF format (to be attached along with the application) as applicable
- Community Certificate in the case of reserved community employees.
 - Certificate in support of Educational Qualification other than Qualification mentioned in Service Register.
 - Other relevant documents sought in the notification.
- viii) If there are no volunteers for the proposed selection of Loco Inspector/Training/DTTC/GOC then the Cadre controlling officer/Personnel Officer concerned shall send a NIL report **on or before 03/03/2026** through e-office certainly to avoid delay in processing of the selections.
- ix) Wide publicity of this notification may be given by exhibiting in the office Notice Boards for information of all staff concerned.
- x) For any inquiries, the applicants may contact the Railway Phone number for support Ch.SWI/T,M&E/HQ-9003160626 and NGS/Mech/HQ- 23095.
- xi) If any of the details furnished by the applicant is found to be false at a later date, he/she will be liable for action under R.S (D&A) Rules, 1968.
- xii) While forwarding the applications the employees should be free from DAR/vig. Cases

Encl. Syllabus


(R Rajesh Kumar)

Assistant Personnel Officer/T,M&E
For Deputy Chief Personnel Officer/HQ

Copy to: PCME, PCEE & CELE – For kind information please.
Sr.DME & Sr.DEE/OP/MAS, PGT, TVC, TPJ, SA & MDU
Dy.CEE/OP/Loco, Principal/DTTC/GOC
GS/SRMU, GS/DREU

**SYLLABUS FOR SELECTION TO THE POST OF LOCO INSPECTOR (TRAINING) IN
PAY MATRIX LEVEL -7 (GP RS.4600) AT DTTC/GOC**

1. GENERAL:

General idea on Railway Organization with special reference to the Zonal Railway, Driver's duties in shed and yard in working trains and on completion of the trip. Authorised means of grievances redressal, basic knowledge in computer

2. RULES AND MANUALS:

General and Subsidiary Rules, operating standing orders. Power standing orders, block working manual, accident manual, working time table, Locomotive operating and maintenance manual and their appendices.

3. SIGNALS:

Various types of Signals and their utilization, various rules connected to Signals

4. LIGHTS AND LAMPS:

Engine Headlight, Tail light of Main line, Loop and Traffic Yard, Light Engines, Headlight when crossing or giving precedence, tail board, tail lamp and side lamp, Loco Buffer Light etc.,

5. SYSTEM OF WORKING:

Various systems of working and rules connected to that.

6. WORKING OF TRAINS:

Engineering restrictions, speed over facing points, method of ascertaining speed train pushing and tender foremost, exchange of signals and whistle code. Working of ballast/material trains, safety sidings, marshalling of Trains, Isolation, Interlocking, working on outline siding, working on hill sections etc., Special Protection and Rules on electrified of section etc.,

7. FORMS:

Details of various forms used, their function and their disposal.

8. ACCIDENTS:

Definition of accidents, Defective running of locomotives and/or tenders. Defective permanent way and explosion of track. Loco Pilot duty for securing safety of the train and protection of trains of Single/Double/Multiple track when stopped in between sections. Train Parting in single and double line. Engine failed in section, stalling of goods trains on the bank. Fire in the train, assistance to disabled engine. Break down with hot axle rough riding and working of unbalanced engines. Definition of engine failure and time failure. Reception of train in blocked line. Cases of derailment and examination of engine and rolling stock after the accident. Order of MRV and Break Down Specials, conducting of DAR enquiry.

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9. ABNORMAL WORKING IN DOUBLE AND SINGLE LINE:

Single Line working in double line section (Right and wrong direction); Wrong line working in quadruple and triple line section. Working of trains during failure of communication in double and single line.

10. WORKING TIME TABLE:

General information about Division. Maximum permissible speed, minimum time, speed of all classes of engines maximum load for different engines, banking load if any, permanent restriction and causes, grouping of engines on different sections and maximum speed for coupled/restricted engine working passenger train. Time required for certain kinds of engineering restrictions and speed table.

11. SAFETY:

Various ways to avoid accident by including safe habits and practices. Accidents due to short cut methods. History of minor/serious accidents due to crew negligence. Classification of important safety items.

12. MECHANICAL:

Evolution of Diesel Engines, General working principles of I.C. Engines Nomenclature of all major parts of locomotive, wheel and Traction Motor arrangements.

13. DATA FOR DIESEL LOCOMOTIVES:

Different types of Engines/Locomotives and data, understanding salient features of Diesel Hydraulic and Diesel Electric Locomotives like WDM7, WDM3A, WDG3A, WDM3D Locomotives. G.M. Locomotives WDG4, WDG4D, WDP4, WDP4D, DEMU, SPART & SPIC.

14. POWER PACK:

Details of engine block, cylinder liners, connecting rods, cylinder heads crank shaft, camshaft, exhaust manifold and their functions. Types of engine governors and its functioning.

15. SYSTEM OF LOCOMOTIVES:

Fuel oil system, Lube Oil system, Cooling water system, Checking of fuel oil level, lube oil level & water level.

16. CHARGED AIR SYSTEM:

Knowledge of Turbo Supercharger and its functioning. Checking of air intake filters like oil bath and cyclonic filters.

17. AIR BRAKE SYSTEM:

Compressed air system, Compressor governor, auto drain valve and safety valves of air system. Working of independent air brake, automatic brake and vigilance control devices

18. Transmission:

Various types of transmissions and their needs.

19. ELECTRICAL:

Principle of electricity, principle of working of motor, generator and batteries. Knowledge of circuit for cranking wheel slip etc., Meaning of transmission and its importance.

20. UNDER TRUCK:

Arrangement of bogie, brake gear fittings, axle boxes, equalizing beam and air springs.

21. SAFETY DEVICES:

Safety devices for locomotive such as low water switch, hot engine alarm, low tub oil, working of wheel slip relays, load meter. Location of Various emergency switches and duplicate circuit breakers.

22. TROUBLE SHOOTING:

For common loco troubles like engine shut down, load meter not responding wheel slip, power ground, MR pressure drop, vacuum fluctuation, poor hauling power.

23. COMPONENTS INVOLVING SAFETY:

Knowledge of clearances maintained in between axle box and bogies, wheel profile and dynamic brakes. Inspection of T.M. Gear case, safety brackets for brake fittings etc. Feeling of axle boxes, checking of suspension bearing oil, Cardium compound. Working of headlight, flasher light, speed recorders, various types of speed recorders and their features, working of Passenger alarm system, air flow gauge, and twin pipe air brake system.

24. TYPES OF SCHEDULES AND TESTING CHECKING:

Knowledge of various types of schedules done on diesel locomotive like trip, monthly, quarterly, half yearly, yearly, 3 years and POH and checking, testing/while taking over the locomotive from shed.

25. MONITORING OF LOCO PERFORMANCE AND DRIVING SKILL:

Monitoring or loco performance of run. Booking of engine repairs in English Repair Book. Improving driving skills to avoid train parting, train stalling and running at maximum speed to maintain punctuality.

26. FUEL ECONOMY MEASURES:

Checking and recording of fuel oil levels. Causes of heavy fuel oil consumption and its possible remedial measures. Trip ration and factors affecting fuel economy. Driving skills for improving fuel economy on run. Calculation of SFC/SEC.

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27. ELECTRIC LOCOMOTIVE:

Salient features and working principle of WAG5, WAG7, WAP4, WAP5, WAP7, WAG9, WAG12, EF12K locomotives, Vande Bharat and Amrit Bharat train working. Knowledge about Loco and Power Control Organization.

28. BREAK DOWNS:

Movement of Loco after derailment/cattle run over locked axles, flat tyre, securing of dead loco on gradient section.

29. CREW BOOKING:

Organization of Crew Booking Office, various Registers to be maintained and inspections, various documents maintained in Central Office, Role of Power Controller, knowledge of CMS, HOER, 10 Hours Rule, Trip Sheet etc.,

30. LINKS AND LOAD TRIALS:

Loco Links, Crew Links, Load Table, fixing of running time and load trials etc.,

31. TRAIN OPERATION MODULE:

Brief knowledge about: Detection of flat wheel in train, Train stalled on gradient section & precautions to avoid rolling down, In case of FIBA, VESDA, etc act on line, Alarm Chain Pulling (ACP) in train, Brake binding in coach/wagon, Coach brake system isolation / pneumatically by pass, Train working in case air suspension bellows ruptured/punctured, Train working without Guard, Overview of EOTT, Hose pipe disconnection, Tips for good driving technique, controlling of on different terrain, Working of REMLOT, RTIS and CVRS.

32. DRIVING MODULE:

Brief knowledge about: Precaution before moving a locomotive, Precaution before attaching/detaching the locomotive on/from load, Brake continuity, Brake feel & brake power test, Brake power certificates - kinds - Coaching & Freight trains, how to start train without jerk and gradual acceleration, deceleration, etc., Observance of permissible speed, permanent & temporary speed restrictions, etc. use of dynamic/regenerative braking procedure and its benefit, how to stop train on level, gradient, controlling of train & coasting, energy conservation etc., Use of BPCS and precaution while using it. MU, double headed, Push-Pull loco operation, Movement of dead locomotives, Train operation in ghat sections, precaution to be taken to avoid wheel slipping, wheel skidding, rail burning, train parting, etc, use of sanders,

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