

**SOUTHERN RAILWAY**

F.N. 608.11/14/Instr./Vol.XVIII

Headquarters Office,  
Personnel Branch,  
Chennai – 600003.  
Dated- 29.07.2024

**DRMP/MAS, TPJ, MDU, SA, PGT & TVC****ADDENDUM**

Sub: Notification for filling up of vacancies for the post of Instructor  
/Operating [Ex-Cadre] in Level-7 at MDZTI/TPJ –reg.  
Ref: This Office Notification dated: 01.03.2024


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Further to this office Notification dated:01.03.2024, the following condition may be included and candidates may be advised accordingly.

"In terms of PBC 46/2019, the question paper will be 100% objective type multiple choice questions for the written examination and 10% of the total marks will be from Official Language Policy and Rules, which shall be optional".

The syllabus for the above selection is enclosed.

All other terms and conditions cited in the notification under reference stands good.

  
(R. Rajesh Kumar)  
Assistant Personnel Officer/T, M&E  
For Principal Chief Personnel Officer

## SYLLABUS

### I TRANSPORTATION.

The product of Railways- that is advanced transportation – NTPC and allied committees and its functions-Role of Railways in freight movement.

### II GOODS TRAIN OPERATION.

Aim- Factors affecting speed of goods train- How to overcome- speed & load- through out, load of goods trains instead premium rakes, sumo rakes, CC rakes, Parivathan rakes- Express goods trains- crack specials, black rakes (end to end), Jumbo rakes- Sherpa rakes- Introduction of least type of ('N'air brake) wagons- working instructions.

Working out suitable path for goods trains- Express paths- ordering of goods train putting back and cancellation- train notices.

Selection capacity- how worked out- economic line capacity- long and short term putting back and cancellation – train notices.

Wagon turn around- how to improve- Divisional wagon balance, Supply of wagon- pooled and non pooled equalization- In exchange points. Average starting wagon load- how to improve loading dealt to wagons, especially special type- delay to sick wagons.

Preferential traffic schedule-FOIS – Its role in freight operation.

Freight targets for four years- current commodity- wise loading targets- current wagon loading targets- current freight statistics targets- revenue earning targets.

Working of control offices- Operating position prepared by Trains Branch and its salient features- dedicated freight corridor.

Operation of CC stock- type of BPCs- advantage of through running.

### III MARSHALLING YARD

How marshalling yards are changed to suit present level of traffic and stock- Type of marshalling yards- various components and its functions – facilities that are necessary for operational conveniences.

Yard congestion- causes, remedial measures and advanced required in a marshalling yard.

Documents and registers that are maintained in a marshalling yard- marshalling yard statistics- detention to wagon (average) – detention to locos (average).

### IV MOTIVE POWER.

Power arrangements- power control/outage system in our Railways Engine links- turn about.

Engine usage statistics – assisting engine hours- other engine hours, EKM- relative statistics.

### V PASSENGER TRAIN OPERATION.

Working out of time tables for passenger trains – rake links – over lapping rakes – Mela specials – VIP trains – Superfast trains – factors to be taken into consideration from framing – allocation of time for engineering work.

Factors affecting punctuality- steps to be taken to ensure punctuality- monitoring of daily punctuality- follow up action taken- MR trains primary & secondary maintenance of rakes.

CRIS, RVNL, IRCON, CONCOR, Other PSUs.

Integrated Coaching Management System.

## VI ACCIDENTS.

Duties of railway Servant – mandatory and supplementary.

Classification of accidents- reportable to Railway Board and CMS- Issue of accident messages, procedures- enquiry into accidents- procedure for conducting and submitting reports.

Relief Operations- Mustering of volunteers arranging BD, MRV, specials in time.

Significance of preservation of clues- measurements at the spot- reporting to higher ups- Disaster Management- Action Plan an Idea- action to be taken at the accident site to determine 'Prima Facie Causes'- action to be taken to deal with major accidents involving casualties.

## VII UNUSAL OCCURENCES – EQUIPMENT FAILURES.

1. Failure of axle counters/track circuits.
2. Failure of motive power.
3. Failure of rolling stock – hot axle – hanging parts – unusual sound – door opening etc.
4. Failure of OHE.
5. Introducing line block and working of material trains during that period.
6. Working of TTM and material trains efficiently.
7. Facing the abnormal situations such as:
  - a) Passenger's agitation due to late running of trains.
  - b) Bomb threat.
  - c) Unruly mob attacking the railway premises due to local bundh.
  - d) Trains diverted due to accident in adjacent section.
  - e) Passenger run over- killed/injured.
8. Power block & Jumbo blocks- working tower wagons- emergency power blocks.

## STATISTICS

Introduction to coerating statistics- vehicle/wagon usage/statistics train usages statistics – EMU statistics punctuality statistics- wagon usage wagon detention statistics. WKM per wagon day/FTKM improvmnts in relation to engine usage.

Operating ratio- common irregularities and remedies.

## TRAFFIC COSTING.

In the context of railways- costing organization on railways.

Fixed costs- variable costs- common costs- fully distributed – economic costs- adoption of fully distributed costs of Railways. Direct costing- direct costing- survey method- percent variable method- aim of cost analysis- Initial accounts maintained relies heavily on statistics compiled segregation of expenses gauge-wise – EMUs coaching and goods bifurcation – overall freight cost – green book – Schedules BCD E & O – Contained costing profitability of container services.

#### HOER 10 HOUR RULES.

Implementation – steps to curb OT – Steps to improve 10 hrs working.

#### ORGANISATION OF OF OPERATING BRANCH.

Categories and pay scales – promotional feeder categories.

#### GRS & BWM

OFFICIAL LANGUAGE IMPLEMENTATION POLICY (OLIC).



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No.P(S)608/II/14/Instr/Vol.XVIII

Headquarters Office  
Personnel Branch  
Chennai-600 003  
Dated:01/03/2024

DRM/P/MAS, TPJ, MDU, SA, PGT & TVC

### NOTIFICATION

Sub: Selection to the post of Instructor/Operating (Ex-Cadre) in  
MDZTI/TPJ in PML 7 – reg.

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It is proposed to conduct a selection for filling up of "One" vacancy of Instructor/Operating in PML 7 at MDZTI/TPJ (Ex-Cadre) by calling eligible volunteers from SM & Section Controllers in PML 6 and SS and Chief Controllers in PML-7.

#### 1.0 ELIGIBILITY CRITERIA:

Eligible staff to be called for	1. In terms of RBE No. 79/2019, if staff in PML 7 (4600) are not available, then staff in PML 6 (4200) will be considered and there will not be any pay fixation on this account. 2. Staff in PML 6, minimum 5 years of service and 5 years of aggregate (PML 6 & 7 put together) in respect of staff in PML 7.
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 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.

#### 2.0 SELECTION PROCEDURE:

- i) In terms of RBE No. 79/2019, Selection will consists of Written test and Class Room Trial. The maximum mark is 100 and qualifying mark is 60%.
- ii) In terms of PBC No.263/2018 and 46/2019 the written examination shall Comprises of 100% Objective type multiple choice questions.
- iii) In terms of PBC No.284/2019, there shall be negative marking @ 1/3<sup>rd</sup> mark reduced for every wrong answer.
- iv) 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 07/03/2024 to 28/03/2024 at <https://notifications.srhqpb.in> 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 07/03/2024 in the Personnel Department internet website <https://notifications.srhqpb.in> 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 applicants, 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. 04/04/2024.
- vii) The list of supporting documents as detailed below should be kept in PDF format (to be attached along with the application) as applicable
  - a) Community Certificate in the case of reserved community employees.
  - b) Certificate in support of Educational Qualification other than Qualification mentioned in Service Register.
  - c) Other relevant documents sought in the notification.
- viii) If there are no volunteers for the proposed selection of Instructor/Operating then the Cadre controlling officer/Personnel Officer concerned shall send a NIL report on or before 04/04/2024 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 inquires, the applicants may contact the Railway Phone number for support Ch.SWI/T, M&E/HQ-8003160826 and NGS/Optg/HQ- 23676.
- 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.

  
(R. Rajesh Kumar)

Assistant Personnel Officer/T, M&E  
For Principal Chief Personnel Officer

Copy to: PCOM, PCSO, COM/G – For kind information please.  
Sr.DOM/MAS, PGT, TVC, TPJ, SA & MDU  
Principal/MDZTI/TPJ  
General Secretary SRMU