

रेल पांहेया कारखाना
RAIL WHEEL FACTORY
(रेल मंत्रालय) /Ministry of Railways

महाप्रबंधक का कार्यालय General Manager's Office,
कार्मिक विभाग, Personnel Department
यलहंका, बेंगलूरु, Yelahanka, Bangalore- 64.

No.RWF/AL-27/972/Vol.III

Dated : 24.01.2019.

NOTIFICATION

Sub: Selection for the Ex-Cadre posts of Instructors in level 7 of RS(RP) Rules'2016 in the Mechanical and Electrical discipline for Technical Training Centre of RWF.

It is proposed to to conduct selection for empanelment of eligible persons for two posts of Instructor (Ex-Cadre) in Level 7 of RS (RP) Rules' 2016 one each in the Mechanical and Electrical disciplines for the Technical Training Centre of RWF, by considering volunteers among Technical Supervisors of Mechanical (i.e. Wheel, Axle and Maintenance Units) and Electrical (i.e. Power group and Control group) departments who are working in Level 7 of RS (RP) Rules' 2016 on regular basis.

The Candidates empanelled for the post of Instructor in TTC will be posted against the regular sanctioned post of the respective seniority unit from which he is selected for posting as Instructor on Ex-Cadre basis. The Staff selected will draw the pay he is drawing plus teaching allowance @ the rate of 12% of their Basic Pay. The volunteers will be subjected to selection consisting of written test and viva-voce. The syllabus prescribed for the above post (Ex-cadre) is enclosed.

The Volunteers who are having outstanding records and good training capabilities, aptitude for the job, communication skill, vocabulary and flair for teaching etc. will be considered for posting as Instructor. The period of posting as Instructor at TTC will normally not exceed 8 (eight) years. Their lien will be continued to be maintained in their parent cadre for the pupose of seniority, confirmation during their tenure/posting in the above Ex-Cadre post in TTC. They are liable to be repatriated back to their parent cadre at the discretion of the Administration or administrative or any other reasons before completion of their tenure in the above Ex-Cadre post, without assigning any reasons whatsoever and decision of the administration in this regard will be final.

The maximum age for posting of Instructor is 52 years but under special circumstances, this may be relaxed to 54 years, purely to avail of the best talent available. The selected Instructor will be repatriated to the parent cadre atleast six months prior to his superannuation. Candidates selected just before or after posting as Instructor is required to undergo training for trainers classes within one year of his joining in the Technical Training Centre.

Eligible Supervisors who satisfy the above conditions may please be advised to send their applications in the enclosed prescribed proforma to reach this office latest by **08.02.2019**, through their respective Controlling Officers.

The Controlling Officers who are forwarding the applications of the eligible candidates should ensure that the applications are received in Personnel dept. on or before **08.02.2019** in one bunch.

Applications received after 08.02.2019 in the Personnel dept. will not be entertained under any circumstances. It is reiterated that 08.02.2019 is the closing date for receipt of applications duly forwarded by the respective controlling Officer/s. In case of any failure either by the candidate or by the Controlling Officer to ensure receipt of the applications of the candidates to Personnel dept. Before 08.02.2019, applications of such candidates will not be considered in the Personnel dept.

The written test in connection with the above selection will be notified in due course. However, the candidates may please treat this notification itself as an alert notice and be in preparedness to attend the written test, as and when the date of written test is notified.

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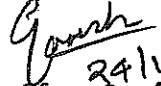
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Candidates have the option to answer in Hindi/English language in the written test. In case, the candidates desire to answer in Hindi, the same should be indicated in the application itself. In case the candidate does not indicate his option to answer in Hindi/ English language, it will be presumed that the candidate is willing to answer in English only.

The Syllabus for the written examination for the Ex-Cadre post of Instructor/TTC is enclosed as Annexure-I (Mechanical) and Annexure-II (Electrical).

This may please be given wide publicity amongst eligible Supervisors of Mechanical and Electrical department and if any of the eligible Supervisors are on long leave, training, deputation, placed on sick list etc. intimation regarding this notification should be sent to their personal address and their acknowledgement obtained and forwarded to this office. The responsibility for intimating to the eligible employees rests with the controlling Officers.

No Supplementary examination is permissible.


24/11/19
सहायक कार्मिक अधिकारी -I

Encl: As above.

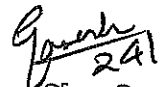
ASST. PERSONNEL OFFICER -I

Copy forwarded for information and necessary action to:

PCME, PCEE, CME/Planning, CWE/W, CWE/A, PFA/RWF/YNK
All Dy. CMEs, Dy.CPM, Dy. FA & CAO,/RWF/YNK.
Sr. EDPM - May kindly arrange to upload this Notification in the RWF website and LAN.
All WMs/Mech , SEEs/Elec.
All AWMs, AEEs, ADGM, AME/HQ/RWF/YNK
All SSEs- Mechanical and Electrical Depts/RWF/YNK
Chief Office Supdt./Mechanical and Electrical/RWF/YNK
The Joint Secretary /Staff Council/RWF/YNK.
All Notice Boards.

The Director General, Research Design. & Standards Organisation, Manak Nagar, Lucknow - 226 011 - This notification may please be notified to Shri Nair Ravi, SSE/Mechanical/RWF, presently working on deputation in your Organisation and forward his application in the event of the Supervisor volunteering for the above post on or before 08.02.2019. Applications received after 08.02.2019 will not be entertained under any circumstances.

Dy. Chief Electrical Engineer/I&D/CLW/Inspection Cell/New Delhi, Railway Office Complex, Tilak Bridge, New Delhi 110 002 - This notification may please be notified to Shri Upendra Kumar Singh, SSE/Electrical/RWF, who is presently on deputation in the CLW/Insp. Cell/NDLS and forward his application in the event of the Supervisor volunteering for the above post on or before 08.02.2019. Applications received after 08.02.2019 will not be entertained under any circumstances.


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कृते प्रधान मुख्य कार्मिक अधिकारी
for PRINCIPAL CHIEF PERSONNEL OFFICER.

PROFORMA

Sub: Application for the Ex-Cadre post of Instructor in Level 7
in the Mechanical/Electrical discipline in the Technical Training
Centre of RWF.

Ref: Personnel Department Notification No. RWF/AL-27/972/Vol.III
dated 24.01.2019.

1. Name of the Employee :
2. Staff No. :
3. Seniority Unit/Shop :
4. Date of Birth :
5. Whether belongs to SC/ST
community :
6. Date of appointment in Rlys. :
7. Post held at present on
regular basis :
8. Present Level in Substantive
grade RS(RP) Rules'2016 :
9. Educational/Technical
qualification. :
10. I am willing to answer the written
test in Hindi / English.
(please tick/strike out as the case may be) : Hindi / English
11. Any other relevant information:
like previous experience as
Instructor. :
12. Training undergone perviously:

Name of Institution	Course	Period From	To
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I hereby declare that in the event of my posting to TTC as Instructor (ex-cadre) in Level 7 RS(RP) Rules ' 2016, I will abide by the conditions stipulated in the above notification and also to various instructions issued by the administration from time to time regarding such posting.

SIGNATURE OF THE APPLICANT.

Forwarded to :PCPO/RWF/YNK:- for necessary action.

SIGNATURE OF THE CONTROLLING OFFICER.

Syllabus for Selection for the post of Instructor/Electrical in pay band Rs. 9300-34800 + GP Rs 4600/- at TTC/RWF

Section 'A'

GENERAL SUBJECTS

1. The Factories Act and Hours of Employment Rules & Workmen Compensation Act.
2. Rules pertaining to leave, pass, wages, conduct and discipline and Appeal Rules.
3. Stores Procedures, Budget and Accounts.
4. Responsibility and procedures to be followed in cases of thefts of materials and custody of stores, electrical and fire accidents.
5. First Aid.
6. Fire fighting.
7. Official language policy and official language rules.
8. Awareness of ISO 9000, Total Quality Management and ISO-14000 Standards.

Section 'B'

TECHNICAL SUBJECTS

1. Electrical machines (Design, Operations and Maintenance)
 - a) Alternators
 - b) Induction Motors
 - c) Transformers
 - d) D.C. Machines.
2. Electrical Circuits:
 - a) Basic laws of electricity
 - b) Basic circuit analysis
3. Measurements and Measuring instruments:
 - a) Units and Standards.
 - b) Measurement of resistance.
 - c) Measurement of voltage, current, power, energy, frequency.
4. Power System:
 - a) Cables
 - b) Fuses
 - c) Protection relays
 - d) Switchgear
5. Electronics:
 - a) Semi conductor device-Diode, Transistors, SCR, FET & ICs, etc.,
 - b) Operational amplifier
 - c) Gates digital circuits.
6. Instrumentation:
 - a) Measurement of temperature – flow, pressure.
 - b) Strain gauges
 - c) Different types of controls.
 - d) Recorders
 - e) Actuator systems.

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7. Specific applications in shop area:

- a) Block schematic of temperature control in Axle Shop.
- b) Block schematic of Thyristor control in cranes/DC drives.
- c) Block schematic of closed loop control system in measuring and boring station.
- d) Block schematic of pouring control.
- e) Block schematic of temperature control in Wheel Shop oil fired furnaces.
- f) Block schematic of closed loop control system - Arc furnace electrode control.
- g) Block schematic of control in electrical furnaces of Wheel Unit.
- h) Block schematic of programmable logic controllers.
- i) Functions of components used in instrumentation Wheel and Axle Unit.
- j) Functions of special components such as, photocells, proximity switches, plugging switch, tacho-generators, synchros etc., used in shops.

8. Indian Electricity Rules, Indian Electricity Act, Standard codes of practices etc., regarding Generation, transmission and utilization of power.

9. Theory and Practical aspects, i.e. Functions, Design, Constructions, Installation, Operation and Maintenance of the following equipments/machinery.

- a) Alternators.
- b) Diesel Generator sets.
- c) All type of Transformers viz. Power, Control & Measurement
- d) HT & LT Control gears and protective equipment.
- e) Batteries and Battery charger.
- f) HT & LT Cables and accessories.
- g) Both AC and DC motors and starters.
- h) Electrical pumps.
- i) EOT Cranes and Hoists.
- j) Electrical lifts.
- k) Air-Conditioning and refrigeration system.
- l) Illumination.
- m) Electrical measuring equipments.

10. Specific application in shop area.

- a) HT & LT layouts of main Receiving Station.
- b) Single line diagram of ring main system used in RWF
- c) Power supply and air-condition system used for computer centre.
- d) Protection and controls used for DG Set.
- e) Operation of on-load tap Changer (Block diagram)

11. Electricity tariffs.