



दक्षिण पूर्व मध्य रेलवे
SOUTH EAST CENTRAL RAILWAY
मंडल कार्यालय DIVISIONAL OFFICE
कार्मिक विभाग PERSONNEL DEPARTMENT,
किंग्सवे, नागपुर KINGSWAY, NAGPUR-440001

Notification No. 82 / 2025 Date: 26.08.2025

सक्षम प्राधिकारी ने नागपुर मंडल के डीटीटीसी / एमआईबी में इलेक्ट्रिकल (ओपी) विभाग में एक्स-कैडर पद के अंतर्गत प्रशिक्षक के निम्नलिखित अराजपत्रित पदों को केवल SECR नागपुर डिवीजन के पात्र और इच्छुक कर्मचारियों से आवेदन आमंत्रित करके भरने की स्वीकृति प्रदान की है। विवरण नीचे है :

The competent authority has accorded approval for filling up the following non-gazetted posts of Instructor at DTTC / MIB of Nagpur Division against ex-cadre post in Electrical (OP) department by inviting application from eligible and willing employees within Nagpur division of SECR only. The detail is indicated below :

Sr	Name of post	Pay Level	No of vacancies	Eligible staff from
1.	Staff Instructor (Mech/Diesel)	7	1	Supervisors (SSE's in L-7) working and having lien in the Mechanical department can only apply for the post. (Minimum 2 years as SSE in Mechanical / Diesel wing at Workshop / Division).
2.	Training Instructor / Electrical (OP)	7	5	Running supervisors (i.e CLI's in L-7) staff working and having lien in the Electrical (OP) department can only apply for the post. If, staff in identical Grade Pay are not available then staff in next below GP i.e 4200/- (Level - 6) may be considered. (Estt Rule 36 / 2007). (Minimum 3 years as Loco Inspector / 5 years as Loco Pilot).
3.	Safety Instructor / Electrical (OP)	6	1	Running staff (i.e LPM, LPP, LPG in L-6) working and having lien in the Electrical (OP) department can only apply for the post. (Minimum 3 years as Loco Pilot).

4	फॉर्म जमा करने का स्थान एवं अंतिम तिथि / Application to be submitted at / on or before.	15.09.2025 (शाम ०५ : ०० बजे तक) आवक जावक अनुभाग, कार्मिक विभाग, वरिष्ठ मंडल कार्मिक अधिकारी कार्यालय, द पु म रे / नागपुर 15.09.2025 (17:00 Hrs) Dispatch section, Personnel department, Sr Divisional Personnel Office, SECR / Nagpur. (कर्मचारी पावती जरूर ग्रहण करें / Staff should take acknowledgement)
5	परीक्षा की तिथि एवं स्थान / Date of examination & venue	31.10.2025 (CBT mode) स्थान: सीबीटी रूम, दूसरी मंजिल, डीआरएम बिल्डिंग, एस. ई. सी. रेलवे, नागपुर। Venue: CBT room, 2nd floor, DRM Building, S. E. C. Railway, Nagpur. (Venue & date may be changed in short notice if required)

6 चयन का तरीका / Mode of Selection	A) आरबीई संख्या 79/2019 (स्थापना नियम संख्या 141/2019) के संदर्भ में, विवरण नीचे संलग्न हैं:- In terms of RBE No.79/2019 (Estt. Rule No. 141/2019), the details are appended below : i) लिखित परीक्षा (75 अंक) और कक्षा व्याख्यान परीक्षण (25 अंक) Written test (75 Marks) and Classroom Lecture Trial (25 marks) ii) अधिकतम अंक - 100, अर्हक अंक - 60% Maximum marks - 100, Qualifying marks - 60% B) आरबीई संख्या 39/2020 (स्थापना नियम संख्या 72/2020) के अनुसार, वे सभी उम्मीदवार जो लिखित परीक्षा (व्यावसायिक योग्यता) में 60% अंक लाते हैं उन्हें क्लास रूम लेक्चर ट्रायल के लिए बुलाया जाएगा, और अंतिम पैनल उन लोगों में से दक्षता के क्रम में तैयार किया जाएगा, जिन्होंने व्यावसायिक योग्यता में न्यूनतम 60% अंक और कुल मिलाकर 60% अंक हासिल किए हैं। In terms of RBE No. 39/2020 (Estt. Rule No. 72/2020), all those candidates who score not less than 60% marks in the written test (Professional ability) will be called for class room lecture trial, and the final panel will be drawn in the order of merit from amongst those who secure a minimum of 60% marks in the professional ability and 60% marks in the aggregate. C) लिखित परीक्षा आरबीई संख्या 196/2018 (स्थापना नियम संख्या 359/2018), आरबीई सं. 97/2019 (स्था. नियम सं.164/2019), पीसीपीओ / दफ्तरे पत्र संख्या : पी-मुख्यालय/आरयूएल/105/2 (खंड-II) दिनांक 02.02.2023 एवं 20.04.2023, तथा समय-समय पर प्रसारित मौजूदा नियम के अनुसार। प्रश्नपत्र बहुविकल्पीय वस्तुनिष्ठ होंगे। The written examination will be conducted as per RBE No. 196/2018 (Estt. Rule No. 359/2018), RBE No. 97/2019 (Estt. Rule No. 164/2019), PCPO/SECR office letter No. P-HQ/RUL/105/2 (Vol-II) dated:02.02.2023 & 20.04.2023 and as per extant rule circulated from time to time. The question paper will be objective type (Multiple Choice Question) . D) आरबीई नंबर 94/2019 (स्थापना नियम संख्या 315/2019) के अनुसार, प्रत्येक गलत उत्तर के लिए 1/3 अंक की कटौती की जाएगी। In terms of RBE No. 94/2019 (Estt. Rule No. 315/2019), there will be negative marking @ 1/3 mark for every wrong answer. E) किसी भी परिस्थिति में कोई पूरक परीक्षा आयोजित नहीं की जाएगी। No supplementary examination will be conducted at any circumstances.
7 पात्रता शर्तें एवं अन्य निर्देश / Eligibility condition and other instructions.	A) आरबीई संख्या 104 / 2023 (स्था. नियम संख्या 178 / 2023) के अनुसार, अधिसूचना की तिथि के अनुसार ऊपरी आयु सीमा 58 वर्ष होनी चाहिए। In terms of RBE No. 104/2023 (Estt Rule No. 178/2023), upper age limit as on date of notification should be 58 years. B) आरबीई संख्या 79/2019 (स्था. नियम संख्या 141/2019 और 15/2021) के

अनुसार, विवरण नीचे संलग्न हैं।

In terms of RBE No. 79/2019 (Estt. Rule No. 141/2019 & 15/2021), the details are appended below:-

i) स्टाफ प्रशिक्षक (यांत्रिक / डीजल) के पद के लिए, समान/संबद्ध विभाग में समान ग्रेड वेतन 4600/- (स्तर - 7) के कर्मचारी इस पद के लिए आवेदन कर सकते हैं।

For the post of Staff Instructor (Mech / Dsl), staff in same/allied department in identical Grade Pay in 4600/- (level - 7)

ii) प्रशिक्षण प्रशिक्षक (इलेक्ट्रिकल / ओपी) के पद के लिए, समान / संबद्ध विभाग में समान ग्रेड वेतन 4600/- (स्तर-7) वाले कर्मचारी। यदि समान ग्रेड वेतन वाले कर्मचारी उपलब्ध न हों, तो अगले निम्न ग्रेड वेतन यानी 4200/- (स्तर-6) वाले कर्मचारी पर विचार किया जा सकता है (Estt Rule No. 36 / 2007)।

For the post of Training Instructor (Electrical / OP), the staff in same/allied department in identical Grade Pay in 4600/- (level - 7). If staff in identical Grade Pay, are not available, then staff in next below GP i.e. 4200/- (level - 6) may be considered (Estt Rule No. 36 / 2007).

iii) सुरक्षा प्रशिक्षक जीपी - 4200/- (स्तर - 6) के पद के लिए, इलेक्ट्रिकल (ओपी) विभाग में कार्यरत तथा ग्रहणाधिकार रखने वाले रनिंग स्टाफ (अर्थात एल-6 में एलपीएम, एलपीपी, एलपीजी) ही इस पद के लिए आवेदन कर सकते हैं।

For the post of Safety Instructor in GP - 4200/- (level - 6), running staff (i.e LPM, LPP, LPG in L-6) working and having lien in the Electrical (OP) department can only apply for the post.

iv) इलेक्ट्रिकल (ओपी) विभाग में कार्यरत और ग्रहणाधिकार रखने वाले कर्मचारी ही

सुरक्षा प्रशिक्षक / प्रशिक्षण प्रशिक्षक के पद के लिए आवेदन कर सकते हैं।

The staff working and having lien in the Electrical (OP) department can only apply for the post of Safety Instructor/Training Instructor.

v) वेतन मैट्रिक्स लेवल-7 और लेवल-6 (केवल नियमित और एमएसीपी के तहत नहीं) में कार्यरत कर्मचारी स्टाफ इंस्ट्रक्टर (इलेक्ट्रिकल/मैकेनिकल) की रिक्ति के लिए आवेदन करने के पात्र होंगे।

The Staff working in Pay Matrix Level-7 & Level-6 (only regular and not against MACP granted) will be eligible to apply against the vacancy of Staff Instructor (Electrical/Mechanical).

vi) पे मैट्रिक्स लेवल-6 में कार्यरत कर्मचारी भी पात्र हैं, लेकिन उन पर तभी विचार किया जाएगा जब लेवल-7 में उम्मीदवार उपलब्ध न हों। (लेवल-7 में कार्यरत कर्मचारी को प्राथमिकता दी जाएगी)। लेवल-6 में कार्यरत कर्मचारियों का यदि चयन होता है तो उन्हें केवल लेवल-6 (जीपी-4200/-) पर ही नियुक्त किया जाएगा। RBE No. 06 / 2007 (Estt Rule No.36 /2007)

The Staff working in Pay Matrix Level-6 are also eligible, but they will be considered only in case of non availability of candidates in

Level-7 (The employee working in Level-7 will be given priority). The staff working in Level-6 are if selected, they will be considered for being posted only for Level-6 (GP - 4200/-), in terms of RBE No. 06 / 2007 (Estt Rule No.36 / 2007).

vii) रेलवे बोर्ड के आरबीई संख्या 79/2019 (स्था. नियम संख्या 15/2021) के अनुसार, स्टाफ प्रशिक्षक का कार्यकाल प्रशिक्षण संस्थान में पांच (05) वर्ष होगा। In terms of Railway Board's RBE No. 79/2019 (Estt. Rule No. 15/2021), the tenure of the Staff Instructor will be five (05) years in the training institute.

viii) चयनित कर्मचारियों का पेपर ग्रहणाधिकार उनके मूल वरिष्ठता समूह/इकाई में बनाए रखा जाएगा तथा कार्यकाल पूरा होने पर उन्हें उनके पूर्व पद पर वापस भेज दिया जाएगा या प्रशासन द्वारा समय से पहले वापस भेज दिया जाएगा।

The paper lien of the staff selected will be maintained in their parent seniority group / unit and they will be sent back to their former post as and when the tenure is completed or repatriated early by the administration.

ix) रेलवे बोर्ड के आरबीई संख्या 145/2017 (स्थापना नियम संख्या 196/2017) के अनुसार, प्रशिक्षण केंद्र के लिए प्रशिक्षक के पद के लिए चयनित कर्मचारी मूल वेतन में 12% की दर से शिक्षण भत्ते के हकदार होंगे। In terms of Railway Board's RBE No. 145/2017 (Estt. Rule No. 196/2017), the staff so selected for the post of Instructor for Training Centre will be entitled for Teaching Allowance at the rate of 12% in Basic Pay.

x) चूंकि प्रशिक्षक को भत्ता दिया जाता है, इसलिए वे विशेष वेतन / प्रतिनियुक्ति (इयूटी) भत्ते के हकदार नहीं होंगे। Since the Instructor are granted allowance, hence they will not be entitled to special pay/deputation (duty) allowance.

xi) जो कर्मचारी पहले से ही एक्स-कैडर पद पर काम कर रहे हैं और जिन्होंने एक्स-कैडर पद पर काम किया है, उन्हें अपने मूल कैडर में 05 वर्ष की अनिवार्य कूलिंग ऑफ अवधि से पहले अनुमति नहीं दी जाएगी। The Staff who are already working in the Ex-cadre post and who have worked in the ex-cadre post will not be allowed before mandatory cooling off period of 01 years in their parent cadre (RBE No 104 /2023).

xii) नागपुर मंडल में सीनियर डीईई (ओपी) और सीनियर डीएमई (डीजल) के अधीन कार्यरत कर्मचारियों के बीच इसका व्यापक प्रचार किया जाना चाहिए। This may be given wide publicity among the staff working in Nagpur division under Sr DEE (OP) and Sr DME (Diesel).

xiii) प्रभागों / इकाइयों को सभी आवेदनों की जाँच करके उन्हें अग्रेषित करना चाहिए। आवेदनों को किसी भी प्रकार से चयनात्मक या चुनिंदा रूप से अग्रेषित नहीं किया जाना चाहिए। Divisions/Units should scrutinize and forward the application of all eligible volunteers. There should not be any selective or pick and choose forwarding of applications.

	xiv) अधिसूचना द.पू.म.रेलवे की वेबसाइट पर भी उपलब्ध है- https://secr.indianrailways.gov.inThe notification also available on SECR website- https://secr.indianrailways.gov.in होम पेज का लिंक: द.पू.म.रेलवेकेविभाग/डिवीजन→डिवीजन→नागपुर→कार्यिक→अधिसूचनाएं. Link of the Home page: Dept./Div of SECR → Division → Nagpur → Personnel → Notifications.
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संलग्न - आवेदन का प्रारूप (अनुलग्नक-I) एवं परीक्षा का सिलेबस (अनुलग्नक-II)

Encl - Option form (Annexure-I) and written test syllabus (Annexure-II).

Digitally Signed by Susheel

Kumar Lakra

Date: 29-08-2025 11:54:32

(Susheel Kumar Lakra)

Assistant Personnel Officer-II
for Sr Divisional Personnel Officer

Copy forwarded for information and necessary action to:

- 1) Sr.DEE(OP)/NAG (2) Sr.DME (D)/NAG (3) DC/SECRMN/NAG (4) DS/AISCSTREA
- (5)DS/OBCREA/NAG (6) OS/CONF/NAG of Sr.DPO's office (7) Staff Instructor / DTTC / MIB
- (8) राजभाषा अधिकारी/नागपुर

Application for the post of in DTTC/MIB

यहाँ नवीनतम रंगीन पासपोर्ट आकार का स्वयं का फोटो चिपकाना है।
Recent colour passport size self photo to be pasted here.

S.N.	Particulars		
1.	रेल कर्मचारी का नाम : Name of Railway employee		
2.	पिता / पति का नाम Fathers' / Husband name		
3.	जन्म तिथि / Date of Birth	समुदाय (सेवा रिकार्ड के अनुसार) / Community (as per Service Record)	
4.	HRMS ID	भविष्य निधि नं / PF No	
5.	प्रारंभिक नियुक्ति तिथि एवं पद / Date of Initial appointment and designation	वर्तमान पदनाम एवं वेतन लेवल/Present designation & Pay level	
6.	वर्तमान ग्रेड में पदोन्नति की तिथि / Date of Promotion in present grade	वर्तमान पदस्थापना स्थान / Present place of posting	
7.	स्थानांतरण होने पर SECR जोन में कार्यभार ग्रहण करने की तिथि / Date of joining in SECR Zone on transfer if any	रेलवे सेवा रिकॉर्ड में उल्लिखित शैक्षिक / तकनीकी योग्यता। Educational / Technical Qualification as mentioned in Railway Service Record.	
8.	बिल यूनिट नं. / Bill Unit No.	दूरभाष क्रमांक / Mobile No.	
9.	एक्स-कैडर पद पर कार्य का विवरण Details of ex-cadre post worked in		

घोषणा / DECLARATION

मैं/1, ... एतद्वारा घोषणा करता/करती हूँ कि मैंने अधिसूचना और उसमें दिए गए सभी निर्देशों को ध्यानपूर्वक पढ़ लिया है और उन्हें समझ लिया है। मैं यह भी घोषणा करता/करती हूँ कि मेरे द्वारा दी गई उपरोक्त सभी जानकारी मेरी जानकारी के अनुसार सही है। यदि कोई भी जानकारी गलत पाई जाती है, तो इस परीक्षा या मेरे द्वारा आवेदित पद के लिए मेरी उम्मीदवारी रद्द मानी जा सकती है। I, hereby declare that I have read the notification and all instructions therein very carefully and understood the same. I also declare that all the above information furnished by me are correct to best of my knowledge. In case if any information is found false, my candidature for the examination or for the post I applied, may be treated as cancelled.

दिनांक / Date :

स्थान / Place :

हस्ताक्षर / Signature

SYLLABUS FOR WRITTEN EXAM OF INSTRUCTOR

Sub: Syllabus for examination against filling up of ex-cadre post of Instructor Level- 6 & 7

1. SAFETY RULES (All GR, Accidental & Operating manual Chapters)

Signaling system, Absolute block system, Automatic Signalling system, IB signals, use of detonators, Duties of loco pilots when bursting detonators, Procedure to pass stop signal at on position, Procedure to be followed in abnormal working, Protection of adjacent line/lines, Use of flasher light, action to be taken by driver in experience of following:- i) Stormy weather ii) Train parting iv) Head light goes out of order v) Fire on train/loco vi) Sudden fall of air pressure vii) Thick foggy weather viii) Engine failure or train detained in block section ix) No tension on line.

Working of a train with defective horn, defective speedometer, defective leading cab of engine.

Provision of safety items in loco and upkeep of personal stores especially safety items.

Precaution to avoid rolling down of train or loco in block section or in yard. Road learning.

2. DIVISIONAL WORKING SYSTEM

Abnormal location of fixed signals and working, placement of neutral section and type of neutral section provided, placement of coasting boards and MP "O" boards, banking loco working section, working system of different sidings and authorities, placement of permanent speed restriction board, identification of station where communication is available for line clear, placement of calling ON, repeating, shunt and gate signal in working route and procedure to pass such signals at "ON" green notice, Engg. Protections, etc.

3. DRIVING TECHNIQUE.

Procedure to start a train, control (Goods and Passenger) & stop a train, identification of stalling prone zone station and procedure to avoid stalling, working of Rheostatic braking, layout of gradient, brake feel test, procedure to avoid stalling in neutral section, to avoid wheel skidding during stopping.

4. LOCOMOTIVE OPERATION AND TROUBLE SHOOTING

Electric Loco

Different types of loco, hauling capacity, starting current rating in different class of locomotives equipments provided in auto flasher circuit, working of different safety relays and action to be taken in case of tripping, action to be taken in case of flasher light on, procedure to isolate traction motors and block on "P" & "SP" loco, action to be taken after isolating relays/auxiliaries, procedure to energize loco when CHBA is isolated, energize/de-energize when DJ is locked, manual control of GR, check BA and CHBA voltage specially taking over a NR loco or loco became defective enroute for low BA, working a train when experience feed pipe leakage, work a train when air flow gauge is showing 20 PSI on coaching train, operation of 3 phase locomotive & trouble shooting, pick up abnormal sign for different loco failure and do quick trouble shooting, ICDJ in SU & MU, ICDJ on microprocessor loco, TWAC, CCA melting or QLA dropped on, TLTE in SU/MU, TLTE after using RB, RS pressure not building, BP not creating in loco, quick trouble shooting for TWAC, tripping in OP-2, auto regression of GR with LSP glowing single WAG-7 loco with MU loads, driving from trailing loco when leading loco became defective, working with single loco in MU pressing BLSN.

[Signature]
CHDTC/mar

Diesel Loco

Types of Locos & its operation, different Mechanical systems, Loco Air brake system, Fundamental of different type of engines & its parts, Fundamental of Generators, Motor & Alternators, Knowledge about Relays, switches, different motors and blowers, Safety devices and Items, fitted in locomotive. Different electrical and pneumatic circuits. Modification in locomotives (APU, REMMLOT, DPCS/RRC etc.) Microprocessor loco (MEP-660), Computer Braking System, HHP locos (Single & Dual cab), Trouble shooting of Diesel locomotives

5. CARRIAGE AND WAGON

Level of vacuum and air pressure on loco/Goods and coaching trains, specification of brake power percentage allowed loco/Goods and coaching trains of vacuum and brake system, working of air flow indicator gauge, calculate brake power on train, BP pressure leakage test on loco and train, continuity test in goods and coaching train, compressor efficiency test, exhauster efficiency test, open air test in vacuum system, validity for BPC, work the train with single pipe system when feed pipe system became defective, identify and release brake binding on air brake and vacuum brake stock, pin down of brakes, hand brake on goods stock and air stock, work passenger train in case of cattle run lover (Vacuum & air), clear a load from en-route when no TXR is available.

6. PUNCTUALITY

Features of working time table, hauling capacity of different loco and load table, different losses counted in coaching services various allowance.

7. ESTABLISHMENT

Classification as per HOER, duty hours, different allowances, rest of running staff PME rules & penalties in D&A rules, leave rules.

8. DUTIES OF DRIVER IN CASE OF ACCIDENT AND DISASTER

9. Rajbhasha: Basic Knowledge on Rajbhasha (Hindi Official language)

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Sub: Syllabus for examination against filling up of ex-cadre post of Staff Instructor (Mech.) Level-7

General: Role of Senior Supervisors & Managerial skill: Role of Supervisors, Leadership, Intrinsic Motivation, Inter Departmental Co-operation.

Labour Laws & Personal Matters: Establishment rules, Leave Rules, Pay and Allowance, Pension and PF Rules, Pass Rules. Hours of Employment Regulation, Conduct Rules-1966, Discipline and Appeal Rules-1968.

Material Management: Consumables, Imprest stores, stock verification, stock and non-stock items, material procurement including inspection, passing of stores bills, surplus stores and its disposal including scrap, ABC analysis. Model SOP, IREPS, UDM, GEM.

Basic knowledge of Computer: Various terminologies used, Role of Computers in daily life, advantages, various railway oriented web sites. Industrial safety, First aid, Fire fighting & EnHM.

Rajbhasha: Basic Knowledge on Rajbhasha (Hindi Official language)

Professional:

Part-I Basic Electrical Engineering, Machines - Principles of working, salient features and characteristics of both DC and AC machines, Overhauling procedure. Different Terms - Flash-over, commutation, armature reaction, low insulation etc. Diesel Loco - Introduction of various components and their parts. Electrical Rotating equipments. Functions of circuit breaker, switches, relays, blow out coil, arc chutes etc. Contactors-Electro Magnetic & Electro Pneumatic and their overhauling procedures. Construction of various control equipments and its function. Batteries - Types & their maintenance. Transition - Theory, Application in Locomotives. Excitation System Control and its basic purposes, Different types of Excitation system used in Diesel Electrical locomotive. Principle of Dynamic brake, advantages over other brake system and detailed study of its circuits. Safety Devices and fittings used in locomotive, Modification in ALCO and HHP locomotives. Governors - Types, Working principles & application. Various Tests : Load Box test, Dry run test, Hot Engine test etc. Troubles related with locomotives - PG, Wheel slip etc. Preventive and breakdown maintenance, Category of loco failure, Trouble shooting, Outage calculation.

Part-II MICROPROCESSOR BASED CONTROLLED LOCOMOTIVE AND EMD LOCOMOTIVE: Salient features of Microprocessor based control system (MEP 660) and advantages of this control system (MEP 660) in Diesel locomotive. Working principal of MEP 660 system. Control circuits. Different types of sensors and its theory of working. Various components of MEP controlled Diesel locomotive. Additional features of MEP Version - 3. Excitation control, Auxiliary voltage control system, Auxiliary Control and Control unit of MEP Version - 3. Trouble shooting.

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EMD LOCO Power Electronics, SCR, IGBT etc. Starting circuit of EMD type locomotive engine. Controls and Indicating Devices. Power transmission system. Safety devices of EMD type locomotive. Electrical Rotating equipments details. Electrical systems such as excitation, speed control, Dynamic brake etc.

Signature *ADT/mib*