

SOUTH EASTERN RAILWAY
NOTIFICATION

Office Of the
Workshop Personnel Officer,
Kharagpur-7213201
Dated: 20.02.2025

No. SER/P-KGPW/Staff/210/JE/Production/01

To,
The Dy. CME(Production)/KGPW.

Sub:	Selection through Centralized CBT for formation of panel of JE(Production & M&P) in pay matrix Level-6 (GP- Rs. 4200/-) against 25% DPQ in Production & M&P Shop of Mechanical Department of KGP Workshop.
Ref:	i) SER Estt. Srl No. 07/2024 & 54/2024. ii) APO(HRMS)/GRC's No: SER/P-HQ/EM/JE(Production & M&P)/Rev.Draft Notification/2025 Dated:20.02.2025.

In term of RBE 05/2024 circulated vide SER Estt. Srl No. 07/2024, it has been decided to conduct Selection through Centralized CBT for formation of panel of JE(Production & M&P), L-6 (GP- Rs. 4200/-) against 25% Departmental Promotional Quota (DPQ) in Production & M&P Shop of Mechanical Department in KGP Workshop to be conducted by HQ/GRC as per revised classification of post under schemes for filling up of vacancies consequent upon merger of grade stipulated under Estt. Srl No. 189/2009 (RBE No. 161/2009), 132/2009 (RBE No. 113/2009), RBE No. 21/2014 & RBE No. 20/2017. Accordingly, willingness/un-willingness are invited from the eligible employees as per eligibility criteria furnished at Para-2 below, in prescribed proforma.

The details of the notification are furnished below:

1. Details of vacancies for JE(Production & M&P), L-6 against 25% DPQ of Mechanical Department.

Community	UR	SC	ST	Total
No. of vacancies	07	03	01	11
Horizontal reservation of PwBD				
No. of Vacancies reserved for PwBD	Identified category of benchmark disabilities		Functional requirement	
01	i. Category "b" i.e Hearing Impairment (D&HH- Deaf & Hard of Hearing) ii. Category "c" i.e. Locomotor Disability (OL-One Leg, DW-Dwarfism, <i>AAV-Acid Attack Victims</i>)		Sitting, Standing, Walking, Bending, Manipulation with fingers, Reading and Writing, Seeing, Hearing, Communication	

Note-

i. Reservation benefit/placement of category of benchmark disability (i.e. category "b" or category "c") against reserved point No. 1 / 26 / 51 / 76, as the case may be, of horizontal reservation roster of PwBD shall be decided from the selected/qualified candidates of PwBD as per instructions communicated by HQ vide APO(Ruling)/GRC's letter No. SER/P-HQ/Ruling/0/963 dated 31.05.2024.

ii. In terms of Para 9 of APO(Ruling)/GRC's letter No. SER/P-HQ/Ruling/0/963 dated 31.05.2024, if the PwBD candidates will not available for promotion in this recruitment year/selection, same number of vacancies reserved for PwBD shall not be dispensed with and shall be added to the succeeding recruitment year, by way of carrying forward of reservation. PwBD vacancy shall not be kept unfilled and filled by the eligible & qualified candidates of respective category/community as per vertical reservation rules. In subsequent year, if vacancy will arise, provision of PwBD reservation which is unfilled in this recruitment year/selection shall be added and filled up, if eligible PwBD candidate will become available for promotion.

2. Eligibility and service conditions of staff:

- In terms of Estt. Srl. No. 26/2014 (RBE No. 21/2014) all Sr. Technicians in Level-6 working in Production & M&P / KGPW including PwBD candidates of category-'b' (Hearing Impairment & 'c' (Locomotor disability-OL, Dw, AAV) of Production & M&P Shop/KGPW who fulfill functional requirement of Post of JE(Production & M&P) and whose minimum educational qualification is Matriculation or its equivalent are eligible to submit their willingness/un-willingness to appear at the above examination, are advised to submit willingness/un-willingness in prescribed Performa enclosed at Annexure-A.
- If sufficient Senior Technicians at Level-6 (GP-Rs.4200/-) are unwilling to participate in the selection to the post of Junior Engineer (Production & M&P), L-6, by giving unwillingness or adequate number of eligible Sr. Technician are not available, **only then** Technician-I in level-5 (GP-2800/-) working in Production & M&P shop/KGPW including PwBD candidates of category-'b' (Hearing Impairment & 'c' (Locomotor disability-OL, Dw, AAV) of Production & M&P shop/KGPW who fulfil functional requirement of post of JE(Production & M&P) with minimum education qualification is Matriculation or its equivalent & who have completed 02 years regular service as on date of notification may be made eligible for appearing in the selection as per Estt. Srl No. 26/2014 (RBE No. 21/2014) and as such Technician-I in level-5 (GP-2800/-) are also advised to submit their willingness/unwillingness in the prescribed proforma.
- The zone of Consideration for selection will be determined in the ratio of 1:3 basis (three times of above vacancies as per break-up of UR, SC, ST & PwBD) according to seniority.
- In terms of CPO/GRC's Estt. Srl. No. 153/2006, the cut-off date for determining of the eligibility of the willing staff shall be the **date of issuance** of Notification.

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3. Modified objective and scheme of examination:

The Selection shall consist of a Centralized Computer Based Test (CCBT) for one stage only comprising of only one paper with following set up:

- i. Single paper of 110 marks comprising of 100% Objective Type Multiple Choice Questions (CBT) with following distribution of marks.

Topics	Total Number of Questions	Marks
Technical (professional) subjects & Establishment Rules as per approved syllabus.	100 Questions	100
Official language policy & rules (Authority: Srl No. 03 of RBE 97/2019)	10 Questions	10

- a). Qualifying marks : 60 Marks out of 100
- b). Duration : 90 minutes

- ii. Question paper will have 110 questions (100 questions for technical subjects & establishment rules + 10 questions mandatorily from official language policy & rules). Out of 110 questions, 100 questions are to be attempted.
- iii. Questions paper will be set in bilingual format (i.e. Hindi/English). In case any dispute/discrepancies in Hindi version, question of English version shall be treated as final.
- iv. In terms of RBE 194/2019, There shall be **No Negative marking** for incorrect answer as selection is against promotional quota and panel will be formed in order of seniority from those qualified.
- v. There will be a provision of Supplementary selection strictly following the guidelines laid down in para 11 of **Master circular 31 circulated vide Rly Bd's letter No. E(NG)/2019/PM 1/20 dated 19.12.2019**.
- vi. In terms of Srl. No. 03 of RBE 97/2019, if any candidate answers more than 100 questions, the first 100 attempted questions will be counted for evaluation.
- vii. Since, Centralized CBT is to be conducted by HQ., the marks secured by the candidates who will appear in CCBT shall be advised by HQ to respective Divisions/Units for completion of further process of Selection.

4. Mode of Selection:

- i. In terms of Para (10) of SER. Estt. Srl. No. 54/2024, after completion of CCBT, the further procedure of Selection will be completed by the constituted Department Promotional Committee (DPC) at Divisional/Workshop level.
- ii. The candidates have to obtain a minimum of 60% marks in Professional ability i.e. in written examination (CCBT), for being considered for further selection process of perusal of Service Records, APARs etc.
- iii. In terms of RBE No. 17/2014 the final panel will be made on order of their inter-se-seniority amongst those qualified who have secured 60% or more marks in professional ability as well as in aggregate.
- iv. The post of JE(Production & M&P) being a "Safety category post", there will be no relaxation in qualifying marks (60%) in written examination (CCBT) to reserved Community employees as per Para 8(iii) of Master Circular - 31.
- v. The allotment of marks under various head for being placed on the panel as per Para 219 (g) of IREM Vol-I, (Reprint-2009) as under:

SN	Factor/Heads	Maximum marks	Qualifying marks
1	Professional ability	50	30
2	Record of service	30	--
3	Seniority	20	--
Total		100	60

- vi. In terms of CPO/GRC's letter No. P/R/14/314/3, dated 27.09.06, SER/P-HQ/Ruling /0/983 dated 23.03.2023 dated 06.04.2023, the marks under the heading "Record of service" is distributed as under:-

SN	Factor/Heads	Maximum marks
1	Educational Qualification	10
2	Entries in Service record (15 marks as per different heads of APARs and 5 marks as per Service Record) viz. Award/Punishment etc.	20
Total		30

The marks under the heading "Record of service" is distributed as under:-

- a. **APAR-15 marks:-** Maximum 15 marks will be allotted for APARs, whereby 5 marks Outstanding, 4 marks for Very Good, 03 marks for Good, 02 marks for Average and Unfit for Below Average for each of last 03 years APARs (Authority: PCPO/SER's Estt. Srl. No. 177/02 & 266/99 and CPO/GRC's letter No. P/6th PC/32/Pt-I dated 16.06.2011).
- b. **Service Record- 05 marks:-** As per SER Estt. Srl. No. 177/02 & 266/99 award and merit certificate for DRM (RSP)/PHOD(RSP)/GM(VRSP)/Rly. Board level (AVRSP) in last 3 years, maximum 01 mark for each award/merit certificate will be taken. For major penalty during the 3 years under consideration, 01 mark to be deducted for each major penalty and ½ marks to be deducted for each minor penalty. The maximum marks under this heading should not exceed 05 marks.

Note: It is also instructed in SER Estt. Srl. No. 177/02 & 266/99, that the above are only guidelines and if necessary, depending upon the circumstances, the Members of the Committee are fully competent to lay down their own guidelines. However, if different guidelines are followed, the same should be spelt out and it shall be uniformly applied to all the candidates.

c) **Educational qualification 10 marks:-** The marks will be allotted as follows:-

Sl. No.	Education Qualification	Marks
1	Post Graduation/Master Degree & Higher	10
2	Degree in Engineering/ Graduation/ Hons. Degree	09
3	HS/10+2/Diploma	08
4	Matriculation/ 10 th Pass/ ITI	07
5	Below Matric	06

(Authority: As per PCPO/GRC's letter No. SER/P-HQ/Ruling/0/963 dtd.23.03.2023 & 24.05.2023)

The "Service Record" will be assessed as per the entries available in the Service Register/Personal records with respect to the educational qualification, awards and punishment and based on the grading reported in the APARs.

d) **The Marks under "Seniority" is distributed as under:**

In terms of CPO/SER/GRC's letter No. P/R/14/314/3 dated 27.09.2006, the following distribution of marks are awarded in the column of seniority.

- Where there are 10 candidates or less called for selection, the senior most will have to be awarded 20 marks while the junior most should be awarded 10 marks and the candidates in between should be awarded marks on pro-rata basis.
- Where there are more than 10 candidates called in a selection, the senior most will have to be awarded 20 marks while the junior most should be awarded 7.5 marks and the candidates in between should be awarded marks on pro-rata basis.
- The assessment under "Professional Ability" will be based on the marks secured by the individual employee in the written examination (CCBT) held as part of selection.

5. **Syllabus:**

The syllabus prescribed for the examination has been approved by competent authority is enclosed as "Annexure-B"

6. **Pre-selection coaching:**

- Since 03 (Three) vacancies are reserved for SC candidates and 01 (one) vacancy is reserved for ST candidate, hence pre-selection coaching to eligible SC and ST candidates only shall be imparted as per syllabus for a period of 3 to 4 weeks. After completion of the pre-selection coaching, a certificate has to be issued by the Controlling Officer to the effect that all the eligible SC and ST candidates have been imparted pre-selection coaching for a period of 3 to 4 weeks covering the syllabus prescribed for the examination. In case, any eligible candidates expressed his/her unwillingness for pre-selection, a written declaration to the effect may be forwarded to this office. (Auth: RBE No. 71/1991 & letter No. 22E(SCT)/142/2 dated 11.01.1991)
- Post selection candidates eligible for appearing in selection shall also be imparted Pre-Selection Training along with SC/ST category candidates.

7. **Date of submission of application and consolidated statement:**

Applicants fulfilling the above conditions as on **20.02.2025** as detailed above, should submit applications within the target date, vide Para-(B) below.

8. **Important timelines:**

01	Tentative last date of receiving option	10.03.2025
02	Tentative last date of counter signed by Department	13.03.2025
03	Tentative last date of service particular verification	14.03.2025
04	Tentative date of issue provisional eligibility list	18.03.2025
05	Tentative date of issue final eligibility list after finalization of representation, if any	24.03.2025
06	Tentative date of pre-selection coaching start w.e.f.	28.03.2025
07	Tentative target date of completion of pre-selection coaching	22.04.2025

9. **Notifying to the staff:**

In terms of Railway Board's Letter No. E(NG)I-72/PMI/166 dated 06.06.1972 *the Senior Subordinate/Supervisor concerned has to furnish a certificate that "the eligible candidates were duly notified the holding of the selection/examination and asked to submit their applications giving willingness in writing" and forward the same to concerned Personnel Branch of the Workshop/Divisions/Units.* It should be the personal responsibility of the Senior Subordinate/Supervisor to complete the formality in this respect. It is further advised that any other communication received in respect of the selection should invariably be intimated to all the eligible candidates. This is also being uploaded on www.ser.indianrailways.gov.in → Workshop→Department→Personnel. Candidates have to check the website regularly for further any updates.

10. **The examination centre:**

The examination centre may be outstation of working Division/Unit and the applicants will have to appear CBT examination as per their allotted city/town/centre. No change of CCBT centre shall be entertained from any applicant and CCBT shall be conducted by a contracted agency outside of Railways.

11. **Medical classification & Medical Examination:**

The post of JE(Production & M&P) in Production & M&P Shop is classified under Medical category C-1, hence eligible candidates of Mechanical(Production & M&P) shop of KGPW whose present medical standard is below than C-1 shall be sent for medical examination just after declaration of result of CCBT in terms of Para-514(b) of IRMM Vol-I for passing medical standard of C-1, if they are declared qualified in written examination(CCBT). PwBD candidates who will be declared qualified in CCBT shall be sent for medical examination for certification of required functional requirement of JE(Production & M&P) post.

12. **Mandatory Promotional Courses Training:**

Candidates empaneled for promotion to the post of JE (Production & M&P) should pass promotional training course of JE(Production & M&P) which is mandatory before being promoted as JE(Production & M&P) as per extant rules in vogue.

13. **Last date for submission of application:**

The willing and eligible candidates have to submit their application in the prescribed proforma enclosed at Annexure-A to their controlling supervisor on or before **10/03/2025** who will forward the applications in one bunch along with a certificate as explained vide Para-(8) above, to the Controlling Officer after scrutiny so as to reach on or before **12/03/2025**. The controlling Officer has to forward the same in one bunch to WPO/KGP on or before **13/03/2025**. If no applications are received within the stipulated time, the controlling Officer needs to forward a **"Nil figure certificate"** to the WPO/KGP.

The applications in piece meal manner and which are incomplete or received after the last date will be rejected without assigning any reason.

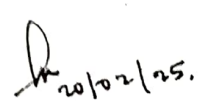
14. **Other information:**

At any stage of selection, if any staff candidature is found to be defective or not as per extant rules, his/her candidature will be cancelled thereof. Thus, mere calling or being eligible provisionally for the selection does not confer any right to them for such promotion. The administration also reserves the right to cancel the notification/notified vacancies at its discretion, if any discrepancies are found at any stage and such decision will be final and binding on all.

Wide publicity may please be given it amongst eligible categories of staff. A copy of this notification may also be displayed on the notice boards and Divisional/Unit websites.

Encl: i) Application Proforma (Annexure-A)

ii) Syllabus (Annexure-B)


Asstt. Personnel Officer(G)
For Workshop Personnel Officer/KGPW

Annexure-A**Proforma for Willingness/Un-willingness for the post of JE(Production & M&P), L-6 against DPO in Mechanical Department of KGP Workshop.**

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Recent colour photograph

Signature of the candidate

01.	Whether Willingness or Un-willingness: (To be specifically mentioned)			
02.	Name (In Block Name)			
03.	Designation & Station	Substantive:		
		Officiating:	From:	To:
04.	Pay Matrix Level			
05.	Employee No.		HRMS ID:	
06.	Date of Birth			
07.	Date of Initial Appointment and post:			
08.	Date of Regular Promotion as Sr. Tech:			
09.	Date of Regular Promotion as Tech Gr. I:			
10.	Educational & Technical Qualification as per entry made in Service Record:			
11.	Caste/Community:			
12.	Whether belongs to PwBD (Yes/No), if yes, mention details and attach relevant documents.			
13.	Mobile No (Personal):		CUG:	
14.	E-Mail Id:			

I, the undersigned hereby declare that the particulars furnished above are correct and true to the best of my knowledge. I would be liable for punishment under D&A Rule if the aforesaid information is proved to be false and my candidature will be summarily rejected.

Date:
Station:

Signature of Applicant

(Instruction: Signature and date both are compulsory, otherwise application will be rejected.)

For use of the controlling Supervisor of the employee)

It is certified that the particulars furnished by the employee are verified with the records available in this office and found to be correct. He fulfils the eligibility criteria as stipulated in the notification.

The application is forwarded to Dy.CME(Production & M&P)/KGPW for further necessary action please.

Signature with stamp of Controlling Officer/Supervisor

Date:
Station:
Office Seal:



(For use of the controlling Officer of the employee)

Forwarded the applicant of Sri/Smt/Ms _____ to WPO/KGPW for further necessary action:

1. Verified and countersigned.
2. Certified that there are no DAR cases pending against the concerned staff.

(In case any DAR cases is pending against the above staff, the details may kindly be indicated)

Signature with stamp of Controlling Officer with
Designation & Seal

Date: _____

(For use of the Concerned P/Branch Officer of the employee)

Certified and verified the particulars as mentioned in the application with available official records viz. Service Record, P/File etc.

Date: _____

Signature of the concerned P/Branch officer with stamp



Uniform Syllabus for selection to the post of JE(Production & M&P), Level-6 against 25% DPQ quota of KGPW

Srl. No.	Subjects
1.	General and Establishment matters:-
a)	General awareness regarding Railway Organization in Workshop
b)	Basic concept on Pass and Leave rules, DAR, HOER, Railway Service Conduct Rules, Payment and wages act, Safety rules, Workmen Compensation act, APAR etc.
c)	Fire fighting, First-Aid, Housekeeping, knowledge of ISO standard, safety majors for man, machines and materials, methods and observations on safety awareness of staff.
d)	Rajbhasa and official language policy and rules.
e)	PCO, its function and incentive scheme, importance of incentive and its control.
2.	Stores matters:-
a)	Procurement of stock and non-stock items.
b)	Work order and R-Note items.
c)	Requisition, LM-32, custody store, standardization of material.
d)	Challan, Gatepass, Issue note, Advice note etc.
e)	Disposal of scrap (Ferrous, Non-Ferrous, STB)
3.	Technical Matters:-
A.	Smithy and Forging practices.
a)	Load, Deflection test and Color coding of Diesel and Electric Loco springs, Scrag test of Coil Spring.
b)	Maintenance of PEASD and Non-return Valve used in coaches.
c)	Forging materials and temperature, Heating device, Smithy forging operations, hand tools and appliances, effect of forging and grain flow, forging defects, comparison between forging and casting.
d)	Reclamation of Buffer.
B.	Welding practice.
a)	Electric arc welding, weldability, Oxy-acetylene welding, Air- acetylene welding, welding of various metals, welded joints and edge preparation, inspection and testing of welds, types of electrodes and welding machineries.
C.	Machine and Machining Practice.
a)	Metal cutting, Orthogonal/oblique cutting, cutting speed, feed and depth of cut, cutting tool materials.
b)	Capstan and turret lathe, functions such as turning, facing, thread cutting, centering, polishing, boring, milling, shaping, slotting, grinding etc. General features and application of NC and CNC machines.
c)	Calibration of gauges, measuring tools, types of coolant and their use.
D.	General properties.
a)	Stress-strain, mechanical properties, destructive and non-destructive testing, tensile/compressive strength, UTS, hardness, toughness and fatigue etc.
b)	Annealing, normalising, hardening, tempering etc. Iron carbon equilibrium diagram, T-T-T diagram.
c)	Basic knowledge of metals and alloys (ferrous and non-ferrous).
E.	Millwright, Transport, Machine Maintenance:-
a)	Importance of EOT Cranes and traversers, Capacity and common failures, Diesel Crane (Types of transmitting, capacity, POH procedure), Hydraulic pumps and Hydraulic systems.
b)	Automobile Engines:- Petrol & Diesel Engines, Advantage and Disadvantage of CI & SI engines, Spark ignition and compressing ignition system, engine components, types of oil and lubricant used in Rly transport vehicle, Lubrication system in fork lift and Pay loaders, rating of battery and charging system, Air pressure limit for different types of types in MHE like road crane and pay loader. Types of tyres used in Railway transport vehicle, DC Motors and its function, Formalities of RTO followed for vehicle movement on Road safety checks for vehicle and MHE, Types of brakes and their overhauling practices. Weekly/Monthly/Yearly schedule checks of different vehicles.

F.	Fitting & Bench Work:-
a)	Bench work and fitting:- Vice, hammer, chisels, files, grinding, polishing, sawing drilling, reaming, surface plate, marking tools dyeing etc. Repair of Equalizing beam, Axle Box, Gear case and other loco components.
b)	Limits, fits and surface finish:- Fits, allowance, clearance and interference, types of fits, hole basis and shaft basis. Evaluation of surface finish, symbols of drawing, Manufacture of Jig, Fixture & dies.
c)	Overhauling of Air brake Loco components, Distributor valve, Overhauling of BMBC.
G.	Bogie Repair and IOH of Bogie:-
a)	Bogie maintenance:- ICF bogie maintenance practice(AC and Non-AC), Bogie condemnation checks, brake rigging components and testing, BSS Brackets and Pins, Wheel paring, De-wheeling and re-wheeling process, Bolster checking, Bolster and axle spring matching. Differentiation of AC, Non-AC and GR bogies, Different types of electric and diesel loco bogie frame, repairs and maintenance of component fitment area checking on bogie frame, Repair Procedure of Electric Loco Axle Box. Types of Liners, Types of Electrodes used for repair of Bogie Frame.
H.	Wheel POH and Repairs:-
a)	Wheel and Axle:- Types of Wheel, Wheel and journal sizes, condemnation limit, Axle box and bearing checking, Bearing overhauling, re-discing & re-axling, Common uses of Taper/Spherical Roller Bearings, Dismounting and Mounting process of bearings on axle journal, Wheel profile checks for different wheels.
b)	Sequence of operation of heavy repair for ICF, LHB, EMU, DEMU and Loco wheels, Trouble shooting on ICF bearing, Defects of bearing and its remedial measures.
c)	Short Notes on:-i) Common wheel and Axle defects, ii) Hot Axle Box, iii) Causes of Bearing failure, iv) Axle Box canting, v) Flat & skidded wheel, vi) Burnishing of Axles, vii) Wheel gauging.
I.	Office Management:-
a)	Estimation/Costing of work, Planning process in railways like Works programme, M&P Programme, RSP, Procurement of stores, stock items/non-stock items.
b)	Incentive systems- Group incentive, Chittaranjan Pattern.