

CENTRAL RAILWAY

OFFICE OF THE
Div. Rly. Manager
Personnel Branch
Solapur.

Date: 10.10.2024

No. SUR/P/Engg/JE (Works)/15% LDCE Quota/Sele.

**Sr. DEN(CO)SUR, DEN (C), (N), (S),
ADEN / KLBG, SUR (T) (W), KWV , LUR , PVR**

Sub: - Filling up of vacancies of Junior Engineer (Works), Level 6, against 15% LDCE. Quota -Engg. Department.

Ref: - This office Notification under L. No. SUR/P/ENGG/15%/JE
(W)/LDCE Dated 21.08.2024.

In connection with the Notification dated 21/08/2024, a list of Provisional Eligible employees is enclosed herewith for your information and necessary action.

The employees in the list at Sr. No. 06 and Sr. No. 12 have been provisionally eligible subject to entry of educational qualification as 12th Science/ITI in Service Register.

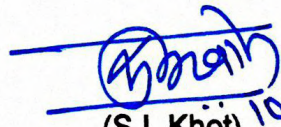
The pre promotional training for SC/ST community employees is scheduled from **14/10/2024** for 21 days at **ADEN (Works) SUR**. You are requested to direct all SC/ST community employees working under your control to **ADEN (Works) SUR** for attending the said training from **14/10/2024** in time without fail.

The written examination will be conducted on 12/11/2024 (Tuesday) at Solapur.

You are hereby advised to inform the employees working under your control and get it acknowledged by them.

Kindly acknowledge the receipt.

DA – 1) List of provisional eligible employees.
2) Syllabus for selection


(S L Khote) 10/10/2024.
कृते मंडल रेल प्रबंधक (कार्मिक)
सोलापुर.

C/- Sr. DEN (Co.)/SUR- for kind information please.

C/- SDGM/VIG/CSTM- for kind information please.

C/- ADEN(W)SUR- for kind information & requested to arrange PPT for SC/ST community employees for 21 working days from 14/10/2024 and submit report please.

C/- Ch.OS(P)Con/SUR- for kind information & necessary action please.

Filling Up Vacancies of JE(Works) L-6 GP 4200/- against 15% LDCE quota in Engg Dett. 2024

Sr.No	Employee Name	P.F.no.	Design/Stn	present Level	DOB	Age on 21.08.2024	DOA	Qualification	Caste	Eligible	Remarks
1	Venkata Munna Appikonda	505503589	Tech-Fitter/KLBG	5	25.08.1985	38	03.05.2012	12th PCM	UR	Pro.Eligible	
2	Som Kumar	529800543	H/Kha/WD	1	10.10.1992	31y	29.02.2016	12th PCM	SC	Pro.Eligible	
3	Shravan Kumar	15329802998	HL/Kha KLBG	1	04.02.1993	31y	19.09.2019	10th , ITI	SC	Pro.Eligible	
4	Munjaji Nivrutti Zade	5010813421	Tech-weld-II LUR	4	01.03.1989	35y	29.07.2013	12th PCM	UR	Pro.Eligible	
5	Rajesh Kumar	505504211	B/smith -III LUR	2	01.10.1982	41y	09.05.2012	12th PCM	SC	Pro.Eligible	
6	Shridhar Shriram	50813857547	BS-II LUR	4	07.07.1986	38y	06.07.2013	12th Arts	UR	Pro.Eligible	Subject to entry of 12th Science/ITI in SR.
7	Vivek Vishal	529803545	Khalasi LUR	1	28.11.1994	29y	23.07.2019	12th PCM	UR	Pro.Eligible	
8	Raghveer Meena	505504284	Welder-II/LUR	4	01.02.1987	37y	17.05.2012	12th, ITI	ST	Pro.Eligible	
9	Rangnath Ramrao	529804044	Asst Wks/LUR	4	03.05.1990	34y	11.01.2020	12th PCM	UR	Pro.Eligible	
10	Apeksha Sukhdeo	506005858	Asst Wks/KWV	1	20.05.1986	38y	22.06.2012	12th GeoPC. M.Sc	SC	Pro.Eligible	
11	Navita Rana	529803592	Asst Wks/ANG	1	11.07.1995	29y	20.08.2019	12th PCM	ST	Pro.Eligible	
12	Sunita Sachin Shingade	505508022	Kh/(DRM/W/SUR	1	19.01.1988	36y	25.08.2012	BA Pass, DLL&LL	UR	Pro.Eligible	Subject to entry of 12th Science in SR

भारत सरकार/Government of India
रेल मंत्रालय/Ministry of Railways
मध्य रेल, सोलापुर मंडल/Central Railway, Solapur Division
मंडल रेल प्रबंधक कार्यालय, कार्मिक विभाग, सोलापुर 413001-
Divisional Railway Manager's Office, Personnel Department, Solapur Division

No. SUR/P/Engg/15%/JE(W)/LDCE

Dated.30/08/2024

CORRIE GENDUM

Sub: Selection for filling up of vacancies of Junior Engineer (Works) in Level-6 against 15% LDCE/Rankers quota in Civil Engineering Department.

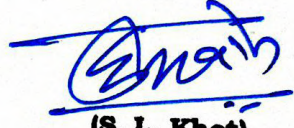
Ref: : 1) HQ's letter No. CR/HQOPERS(PERE)/3/2023/246368 dated 11/06/2024.

2) This Office Notification No. SUR/P/Engg/15%/JE(W)/LDCE dated 21.08.2024.

Further to this office Notification No. SUR/P/Engg/15%/JE(W)/LDCE dated 21.08.2024, the syllabus for the Written examination enclosed as **Annexure "B"** is hereby treated as cancelled and instead of **Annexure "B"** now as per HQ's instructions letter No. CR/HQOPERS(PERE)/3/2023/246368 dated 11/06/2024, a common syllabus for the post of JE(Works), Level-6 (departmental/LDCE quota) duly approved by the competent authority is to be followed.

Other contents of this office Notification dated 21.08.2024 stands good.

Please note and advise accordingly.


(S. L. Khot)

कृते मंडल रेल प्रबंधक(कार्मिक)
सोलापुर.

DA: HQ's letter No. CR/HQOPERS(PERE)/3/2023/246368 dated 11/06/2024 with common syllabus for the post of JE(works)L-6 against 15% LDCE quota is enclosed.

- प्रत - 1) वरिष्ठ मंडल अभियंता (समन्वय), सोलापुर.
2) वरिष्ठ मंडल अभियंता (उत्तर) (दक्षिण), मंडल अभियंता (मध्य), सोलापुर.
3) सहायक मंडल अभियंता, सोलापुर/कुईवाडी/कलबुर्गी/पंढरपूर/ लातूर
4) मुख्य कार्यालय अधीक्षक, गोपनीय (कार्मिक विभाग), सोलापुर
5) DS/ CRMS, NRMU, AISCSTREA & AIOBCREA
6) DBS for information & nec. Action in uploading the notification on Divisional Official website.

I/57823/2024



मध्य रेलवे

प्रधान कार्यालय,
कार्मिक विभाग,

सी.एस.एम.टी. मुंबई -400001.

दिनांक: 11-06-2024.

क्रमांक. CR-HQ0PERS(PERE)/3/2023/ 246368

सेवा में : DRM (P) BB, BSL, SUR, NGP, PUNE.

विषय:-Common syllabus for the post of JE(Wks.) for Department & LDCE Exam.

सन्दर्भ:-This office letter No. CR-HQ/PERS(PMPC)/14/2022 dated 03.04.2024.

1. With reference to the above, a common syllabus for the post of JE (Works) Level-6 (departmental /LDCE quota), duly approved by the competent authority is sent herewith for further necessary action.

2. Kindly acknowledge receipt.

DA: - As above.

Digitally Signed by Ramesh

Nair

Date: 11-06-2024 12:48:34

Reason: Approved

(रमेश नायर)

सहायक कार्मिक अधिकारी (ई & एम)

-/ प्रधान मुख्य कार्मिक अधिकारी

Copy to : CE (G)- For kind information please

Syllabus for examination of Promotion to JE/SSE works

1. **DUTIES OF JE/SSE (Works)** :- Knowledge of Rules and Regulations, Co-ordination with Permanent Way, Bridge and other staff, Inspections, Musters, Execution of Works, Measurement of Works, Works Affecting Moving Dimensions, Imprest of Tools and Materials, Accompanying Important Inspections, Witnessing Payment to Staff, Journal of Daily Duties, Establishment, Correspondence and Records, Relinquishment of Charge.
2. **PLANNING AND GENERAL INSTRUCTIONS.**
Siting of Buildings, Planning of Railway Staff Colonies, General Design Requirement of Buildings, Water Supply to Stations and Staff Quarters, Scale of Fitments for Water Supply, Sanitation and Drainage, Plinth Area for Various Types of Quarters, Basic Amenities in Staff Quarter, Type of Flooring, Wall Surface and Colour of Wood and Steel Work in General, Use of New Materials, Colours for Timber Steel-Work and Walls in General, Rest Houses, Allotment of Rest House, Railway Institute, Construction of R.M.S. Buildings in Railway Premises, Buildings for Railway Police, Construction of Quarters/Barracks for GRP Personnel by the Railway, Provision of Chicks and Venetian Blinds, Additions and Alterations to Quarters, Block Numbering of Buildings and Structures, Building Registers, Transfer of Buildings, Responsibilities of Staff Occupying Quarters, Vacant Railway Buildings, Construction and Dismantling of Building Structures.
3. **INSPECTION AND MAINTENANCE OF BUILDINGS.**
Inspection, Repairs & Periodical Maintenance Works, Standard Measurement Registers for Buildings.
4. **INSPECTION OF STRUCTURAL STEEL AND TIMBER WORK BY SUPERVISORS**
Periodical Inspection, Detailed Inspection, Erection of Steel Work and Roof Trusses, Maintenance of Roads, Handling Over of Commissioned Assets by Construction Organisation to Open Line. Guidelines for Selection of Sanitation System, Revised Scale of Plinth Area, Pro-forma for Details of Occupancy, Pro-forma for Inspection Register, Pro-forma for Petty Repair Book/Complaint Book, Schedule of Colour Washing and Distempering, Guidelines for Leak Proof Flat Roof, Measurement of Buildings, Structural Steel & Timber Work Inspection Register, General Principles/Special features of Earthquake resistant buildings, Sample Plans, Adoption of Rain Water Harvesting System in the Railway Establishments.
5. **SANITARY ARRANGEMENTS IN STATIONS AND COLONIES GENERAL PREPARATION OF SEWAGE SCHEME**
6. **PASSENGER AMENITIES, STATIONS AND YARDS**
General, Categorisation of Stations, Minimum Essential Amenities, Recommended level of Amenities, Desirable Amenities, Passengers Amenities at Model Stations, Allocation of Expenditure, Maintenance of Passenger Amenities, Passenger Amenities Booklets, Booking Offices, Waiting Halls, Platforms, Shady Trees on Platforms, Drinking Water Supply, Latrines, Urinals and Dustbins, Platform Covers, Foot Over Bridges or Sub-ways, Waiting Rooms, Signage, Vending Trolleys/Stalls, Retiring Rooms, Other General Items, Facilities for Physically Handicapped, Station Name Boards, Platform Sign Boards, Time Table Boards and Fare Lists, Pictogram, Design of Station Complexes, Station Buildings, Approach Roads and Circulating Area. Categories of Stations for provision of Passenger Amenities, Minimum essential Amenities at each category of Stations, Scale of Minimum essential Amenities at Stations, Recommended Amenities, Desirable Amenities and Passenger Amenities Details.
7. **WATER SUPPLY**
General, Preparation of Schemes for New Water Supply/Augmentation of Existing Water Supply, Review of Water Supply Arrangements on the Railways, Data for Estimating Requirements of Water, Capacity of Source

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SSE (P&D)

8. OPEN WELLS

Preliminary Measures for Sinking, Determination of Size, Improving Yield in Open Wells, Shallow Tube-Wells.

9. DEEP TUBE WELLS

Consultation with Geological Department, Stages of Work for Sinking, Checking Verticality of Tube-Wells, Failure of Wells and the Remedial Measures, Disinfection of Wells,

10. IMPOUNDING RESERVOIRS

Governing Factors, Storage Capacity, Cracks in Reservoir Walls, Reservoir Management,

11. INFILTRATION GALLERIES AND WELLS

Infiltration Gallery, Infiltration Well, Radial Collection Well, Intake Arrangements, Water Supply from Outside Sources.

12. PUMPS

Types and Selection of Pumps, Pump Installation, Automation.

13. AQUEDUCTS AND PIPELINES

Conveyance of Water from Source, Pipe Laying & Fitting of Valves and Meters,

14. WATER TREATMENT

Quality of Water, Water Samples for Analysis, Method of Treatment, Disinfection of Water, Residual Chlorine, water recycling plant etc.

15. HIGH LEVEL STORAGE

Storage Capacity, Maintenance and Cleaning of Storage Tanks, Float Gauges and Scouring Sluices, Protection against Pollution.

16. DISTRIBUTION OF WATER

Distribution System, Layout of Distribution Systems, Rising Mains not to be used for Distribution, Separate Supplies for Drinking and Other Purposes, Service Pipes from Mains, Residual Pressure, Preventive Maintenance, Protection against Pollution near Sewer and Drains, Carriage Watering System.

17. MAINTENANCE AND OPERATION OF WATER SUPPLY INSTALLATIONS

Engineering Department's Responsibilities, Mechanical Department's Responsibilities, Electrical Department's Responsibility, Inspections by SSE/JE Works, Water Supply Plans, Water Purification Works, Check List for Water Supply Scheme, Standards of Quality of Drinking Water

18. WATER-BORNE SEWERAGE

Adherence to Regulations, Sewerage Schemes, Designing of Sewers, Quantity of Sewage, Alignment of Sewer, Velocity of Flow, Ventilation in Sullage, Size of Sewer, Storm Water, Manholes, Choice of Material for Sewers, Laying of Sewer Pipes, Sewage Disposal, Septic Tanks, Aqua Privy Latrines, Bio-Latrines, Conservation of Water, Recommended Toilet Systems.

19. MAINTENANCE OF SEWERAGE AND DRAINAGE

General, Sewer Lines, Open Sullage Drains, Storm Water Drains, Disposal Works, House Connections, Conservancy and Sanitary Arrangements, Maintenance of Sewerage System, Periodical Cleaning of Drainage System, Covered Storm Water Drains, Subsoil Drains, Responsibilities of Engineering department.

20. GARDENS & PLANTATIONS, DISPOSAL OF GRASS AND OTHER NATURAL PRODUCTS

Role of Engineering Staff, Planning for Plantation, Nursery, Planting and Care of Young Trees, Maintenance of Gardens in Offices, Rest Houses and Colonies

21. GARDENS IN OFFICERS' BUNGALOWS AND SENIOR SUPERVISORS' QUARTERS

Maintenance, Incidence of Service, Provision of Lawns and Hedges in New Bungalows

22. SALE OF NATURAL PRODUCTS

By Auction or by Tender, To State Forest Corporations etc., Division of Lots, Fixing of Reserve Price of Lots, Auction or Tender Notices and Agreement, Recording & Finalisation of Bids, Register of Sales of Natural Products, Licensing of Tanks and Borrow Pits for Pisciculture.

80008/2024/O/o DY.CE(W)/HQ/CR

23. FELLING OF TREES

Felling of trees obstructing view, Felling outside Railway Limits, Felling in Compound of Staff Quarters, Felling near Electrical or Telegraph Wires, Afforestation on Railway Land by Forest Department, Survey of Surviving Trees, Harvesting of Matures Trees and Training of Staff.

24. ACQUISITION, MANAGEMENT & DISPOSAL OF LAND

General, Ownership of Railway Land, Acquisition of Land, Relinquishment of Railway Land, Outstanding Cases of Acquisition and Relinquishment of Land

25. LAND RECORDS, DEMARCATION AND VERIFICATION OF RAILWAY BOUNDARIES

Land Records in CE's Office, Land Records in Divisional/Executive Engineer's Office, Demarcation of Land Boundaries, Boundary Stones, Boundary Pillars on Banks of Rivers, Construction of Boundary Wall in Areas having Habitation, Provision of Fencing as a rule, Other Preventive Steps, Land Plans, Verification of Land Boundaries, Removal of Encroachments, Action to be taken while handing/taking over of charge by Supervisors, Liability for D & AR action, Railway Land in Important Metropolitan & Commercial Cities, Maintenance of Rights of Way, Religious Structures.

26. MANAGEMENT OF LAND

Basic Principles, Lease and License, Utilisation and Development of Available Land, Use of Surplus Land, Licensing/Leasing of Railway Land to other Government Department, Licensing of Railway Land to Welfare Organisations, Private Schools etc., Bulk Oil Installation on Railway Land, Laying of Oil Pipelines, Construction of Government and Private Buildings near Railway Land, Earning from Railway Land and its Monitoring, Pro-forma for 'Land Boundary Verification Register', Plan Showing Railway Boundary Stones Between Km. Encroachment Inspection Register

27. PREPARATION OF PLANS

General Procedure, Plans for Other Departments, Sizes of Drawings, Titles and Numbering of Drawings, Scale of Drawings, Details on Drawing, Symbols and Colours on Drawings, Standard Drawings, Plans issued by the Chief Engineer's Office, Plans in Division/Dy. Chief Engineer's, Assistant Engineer's and Section Engineer's Office, Completion Drawings.

28. STORAGE AND USE OF EXPLOSIVES

General, Issue of Instructions on Use of Explosives, Observance of Rules, Carriage of Explosives, Protection to Trains and Railway Property, Precautions to be observed during Blasting, Misfires with Electrical Method of Firing, Explosives Disposal, Destruction of Explosives.

29. POLICE JURISDICTION SECURITY OF RAILWAY MATERIALS

General, Police Jurisdiction, Lodging of Complaints, Cooperation with Government Railway Police, Cognizable Offences, Non-cognizable Offences, Powers of Arrest by Railway Staff, Warrants against Railway Staff, Action by Railway Staff in cases of Attempted Sabotage, Answering of Court Summons, Prevention of Trespass, Disposal of Human Bodies Found Run Over, Disposal of Cattle Found Dead on the line, Miscellaneous, Pro-forma for Lodging FIR.

30. Entering measurement of work done by Contractors and preparation of Contractor's Bill.

31. Procedure to be followed for keeping account of stores received for sanctioned works, Precautions to be taken for storage of building materials.

32. Precautions to be observed in supervising a building work, bridge work an earth works entrusted to the Contractors including setting out of works, Precautions while carrying out the works under traffic.

33. Some general knowledge of the various labour laws such as payment of wages act, workmen's compensation act/ minimum wages act and Industrial Disputes act as applicable to the labour that normally work under JE (Works).

34. Various applications of Civil Engineering i.e. IREPS, IRPSM and IRWCMS etc.

35. CE circulars, IRWM, USSOR, SOD.

36. Colony care committee.


37. Inspection & maintenance of service buildings, platforms, passenger amenities & quarters.

11.6.2024
सच मुख्य अभियंता (कार्य) मुख्यालय
मध्य रेल छ.गि.ट. मुंबई
Dy. CE (WKS) HQ
Central Railway CST Mumbai

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SSE(D&D)

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38. Basic civil engineering works, execution practices, BIS Code specification.
39. Specification and quality control for works in building, bridges, structures with RCC, PSC, Plumbing Work, White washing/Colour washing, painting etc.,
40. Schedule of Rates-Scope & Coverage in general
41. Earth Works in Railway Projects
42. Estimating quantities for building works
43. Zonal Contract and work orders.
44. Schedule of Dimensions-specifically with reference to clearance to structures in PF/Station and overall moving dimension
45. Organization set up of Zonal Railway & Divisions and functions of various Departments
46. Types of staff/Officer's quarters and maintenance aspects of quarters and colony
47. Water supply requirement, quality and treatment, storage and distribution
48. Hours of Employment Regulations
49. Question in Official language to the extent of 10 marks.
50. RAILWAY STORES ACCOUNT
51. RAILWAY FINANCE RULES
52. ENGINEERING CODE
53. RAJBHASHA
54. DAR RULES 1968
55. LEAVE RULES
56. PASS RULES
57. HOER/PAYMENT OF WAGES ACT
58. ORGANISATIONAL STRUCTURE OF ZONAL RAILWAY/DIVISIONS & FUNCTIONS OF VARIOUS BRANCHES


11.6.2024
उप मुख्य अभियंता (कार्य) मुख्यालय
मध्य रेल छ.शि.ट. मुंबई
Dy. CE (WKS) HQ
Central Railway CST Mumbai

Shilwan
SSE(D&D)