

RITES LIMITED
(A Govt. of India Enterprise)
Shikhar, Plot No. 1, Sector – 29, Gurgaon – 122001



Recruitment of Engineering Professionals on contract basis for posting in North-Eastern region of India

RITES Ltd., a Nav Ratna Central Public Sector Enterprise under the Ministry of Railways, Govt. of India is a premier multi-disciplinary consultancy organization in the fields of transport, infrastructure and related technologies.

For posting at various projects in North- Eastern region of India, RITES Ltd. is in urgent need of dynamic and hard-working professionals as under:

VC No.	Post	No. of Vacancies					
		UR	EWS	OBC (NCL)	SC	ST	Total
CL/30/25	Resident Engineer	04	-	01	-	-	05

Age Limit

Maximum Age
40 Years

Note: Age, experience, and all other eligibility criteria shall be reckoned as on the last date of submission of the application (cut-off date ie 14.05.2025)

Minimum Qualifications & Experience

VC No	Position	Minimum Educational Qualification*	Minimum Post-qualification work experience
CL/30/25	Resident Engineer	Full time Diploma in Civil engineering, or, Full time Diploma in Engineering in Mechanical / Production / Production & Industrial / Manufacturing / Mechanical & Automobile discipline, or, Full Time Diploma in Engineering in Electrical/ Electrical & Electronics	3 years

*Candidates belonging to UR/EWS category (and candidates belonging to SC/ST/OBC(NCL)/PWD applying against unreserved posts) should have minimum 50% marks in Minimum Qualification for consideration against unreserved posts.

Reserved category candidates (SC/ST/OBC(NCL)/PWD as applicable) should have at least 45% marks in Minimum Qualification for consideration against reserved posts.

Note for Educational Qualifications: The candidate should possess the Diploma Certificate from an Institution recognized by AICTE/BTE; from a University incorporated by an Act of Central or State legislature in

India or other Educational Institutions established by an Act of Parliament or declared to be Deemed as University under Section 3 of the University Grants Commission Act, 1956.

The period of training / internship / teaching / academic / fellowship / PhD research experience shall not be counted as a part of experience.

Relaxations & Concessions

Reservation/ relaxation/ concessions to EWS/ SC/ST/OBC (NCL)/PWD/ Ex-SM/ J&K Domicile would be provided against reserved posts (where applicable) as per extant Govt. orders.

Relaxation in upper age limit to OBC (NCL)/ SC/ ST candidates shall be provided against reserved posts as per extant Govt. orders.

PWD candidates suffering from not less than 40% of the relevant disability shall only be eligible for the benefit of PWD. Such PWD candidates shall be eligible for relaxation of 10 years in upper age limit.

PWD candidates will have to meet the Physical Requirements and Functional Classifications which have been identified for the post as under:

Discipline	Categories for which identified	Functional Classification	Physical Requirements
Electrical	Locomotor disability	OA, OL, Leprosy Cured, Acid Attack Victims	S, ST, BN, W, SE, MF, C, R, W & RW
	Hearing Impairment	HI	
Mechanical	Locomotor disability	OA, OL, Leprosy Cured, Acid Attack Victims	
Civil	Locomotor disability	OA, OL, Leprosy Cured, Acid Attack Victims	S, ST, BN, W, SE, MF, C, RW, KC, CL, JU, H
	Hearing Impairment	HH	

Persons with Disabilities belonging to the category/ categories for which the post is identified (as indicated in Table above) can also apply even if no vacancies are specifically reserved for them. Such candidates will be considered for selection for appointment to the post by general standard of merit.

Functional Classification:

Code	Functions
OL	One leg affected (R or L)
OA	One arm affected
OAL	One arm one leg affected
BL	Both legs affected
HI	Hearing Impaired
LV	Low Vision

Physical Requirements:

Code	Physical Requirements
S	Work performed by sitting (on bench or chair)
ST	Work performed by standing
SE	Work performed by seeing
RW	Work performed by reading and writing
BN	Work performed by bending

MF	Work performed by manipulation by fingers
C	Work performed by communication
W	Work performed by walking
H	Hearing/ Speaking
KC	Kneeling and Crouching
JU	Jumping
CL	Climbing

The above lists are subject to revision.

Selection Process

The selection process will consist of three rounds-:

Round 1- Written Test

There will be 125 objective type questions carrying one mark each for a duration of 2.5 Hours. There will be no negative marking system applicable and therefore, no marks will be deducted in case of an incorrect answer. Candidates belonging to PwD Category are eligible for an additional compensatory time of 50 minutes.

A minimum of 50% marks for UR/ EWS (45% for SC/ST/OBC (NCL)/PwBD against reserved posts) in written test will be required to enable the candidate to be considered for further consideration.

Round 2- Competency Test

Candidates qualifying in Round 1 will have to appear in competency test which will be conducted by our client. Candidates need to qualify competency test by securing 95% qualifying marks for consideration of their candidature for placement on panel.

Tentative syllabus in respect of Round 2 will be shared with the candidates, who would qualify in Round 1.

Round 3- Document Verification

Upon qualifying the Round 1 and Round 2 above and based on the number of vacancies, document scrutiny will be undertaken by RITES Limited.

Candidates are required to qualify all the above stages of the selection process to be considered for issuance of an offer of engagement. Final appointment will be subject to medical fitness, as per RITES Rules and Standards of Medical Fitness for the respective post.

Offer letters will be issued provisionally to eligible candidates, subject to successful verification of original documents at the time of joining. Failure to produce the originals will result in cancellation of the candidature and offer.

It is the responsibility of the candidates to upload valid supporting documents to substantiate the details provided in their application. During scrutiny, candidates must produce proof of educational qualifications and experience as claimed. These documents will be verified from originals at the appropriate stage.

Nature & Period of Engagement

The appointment shall be purely on contract basis initially for a period of one year, extendable until completion of the assignment subject to mutual consent and satisfactory performance. However, the services shall be terminated without notice or pay in lieu thereof in case of unsatisfactory performance or inappropriate conduct/misbehaviour/wrongdoing on the part of the employee or discontinuation of services by the client.

Selected candidates shall be liable for posting anywhere in India as per Company requirements.

Remuneration

Pay, allowances and perks for the post would be as under:

Basic pay	Allowances	Other perks
Rs. 16828/- (1 to 3 % annual increment based on the performance)	70% in Non-metro cities 75% in Metro Cities other than Mumbai/Bangalore 80% for Mumbai/Bangalore.	Medical & Accidental Insurance for self and Employer's contribution towards PF @ 12% would be borne by the company.

The Consolidated monthly Gross Emoluments including PF contribution of Employer for posting in Non – Metro city comes out to be INR 30,627/- with approximate CTC of INR 3.67 Lacs.

Remuneration mentioned above is only indicative. Actual remuneration shall depend upon place of posting and other terms & conditions of appointment.

Fees

The candidates will have to deposit the under mentioned amount of fees during online application:

Fees
Rs. 300/- plus Taxes as applicable

For any difficulty/ queries regarding fee payment, candidates may contact on following only:

Helpdesk No: 011 – 33557000, Extension Code - 13221

Helpdesk e-mail id: pghelpdesk@hdfcbank.com

Note:

a) Candidates should note that the fee submitted through any other mode except the mode specified, will not be accepted by RITES and such applications will be treated as without fee and will be summarily rejected.

b) Persons with disabilities are given concession in the fee provided they are otherwise eligible for appointment. A PWDs candidate claiming age relaxation/fee concession will be required to submit along with their Detailed Application Form, certified copy of the PWD certificate as per latest GOI format

c) The fee charged from the candidates belonging to SC / ST / PwD category during online application would be later refunded upon their participation in the written examination. The refund amount will be made to such candidates only by way of crediting the amount to the source account / debit card / credit card etc., from which such candidate had paid the fee, duly deducting GST / bank charges (as applicable), after submission and verification of their category certificate. However, candidates will have to make payment of full fees at this stage during online application.

d) Candidates are advised to download the INVOICE of the payment, in case the invoice is not able to download send a mail to cont.rectt@rites.com.

How to Apply

1. **Before applying candidates should ensure that they satisfy the necessary conditions and requirements of the position.**
2. Interested candidates fulfilling the above laid down eligibility criteria are required to apply online in the registration format available in the Career Section of RITES website, <http://www.rites.com>.
3. While submitting the online application; the system would generate 'Registration No.' on top of online form filled up by the candidate. Note down this "Registration No." and quote it for all further communication with RITES Ltd.
4. While filling up the required details, candidates are advised to carefully and correctly fill the details of "Identity Proof". Candidates are also advised to note the same and ensure the availability of the same Identity Proof as it will be required to be produced in original at later stages of selection (if called).
5. **After filling up the required details under the "Fill/ Modify Application Form", candidate should submit the application.**
6. The candidates are also advised to keep a copy of Application Form submitted with them and to carry the same at the time of the selection (if called).
7. A copy of this online **APPLICATION FORM** containing the registration number is to be printed, signed, and retained. The same is to be submitted at the time of Scrutiny of Documents along with **SELF-ATTESTED SCANNED COPIES** of the following documents strictly in the following order. (if called for document scrutiny):
 - a. High School certificate for proof of Date of Birth
 - b. Certificates of Academic & Professional qualifications and statements of marks of all the qualifications for all semesters/years (Xth, XIIth, Diploma/ Graduation/ Post-Graduation as applicable)
 - c. EWS/ SC/ST/OBC Certificate in the prescribed format by Govt. of India (if applicable)
 - d. Proof of Identity & Address (Passport, Voter ID, Driving Licence, Aadhaar Card etc)
 - e. PAN Card
 - f. Proof of different periods of experience as claimed in the Application Form (if applicable)
 - g. Any other document in support of your candidature
 - h. PWD Certificate as per latest format (if applicable).

Documents are to be submitted at the time of online application. Candidates may be asked to submit relevant documents at a later stage if so required.

8. In respect of claims made by you in your application with regard to experience, copies of experience certificates from your previous employer are to be submitted at the time document verification. In respect of current employment, experience certificate/ joining letter along with last months' salary slips, or, Form 16 and other documents which clearly prove your continuity in the job are to be submitted. In case your claim is not established from the proofs submitted by you; your candidature is liable to be rejected at the time document scrutiny. Please check your claims vis-a-vis the certificates in support thereof establishing your candidature. Incomplete application or insufficient proof at the time of document verification would entail rejection of your candidature. No additional information other than those furnished in the Application shall be allowed to be considered at a later stage.
9. For proof of CTC/ salary, candidates shall have to submit a copy of their last Form No. 16/ Earning Card/ salary slip/ Appraisal letter/ any other suitable document.

10. Community certificate (SC/ST/OBC) should be in the format prescribed by Government of India only. OBC candidates included in the Central List with certificate not more than 12 months old (with clear mention of candidate not belonging to "Creamy Layer") in the GOI prescribed format only will be considered for the posts reserved for OBC. EWS certificate should also be as per Gov. of India format.
11. Hard copies of documents are not to be sent to this office through post/ courier.
12. The original testimonials/documents along with one self-attested copy will have to be produced by the candidate(s) at the time of selection (if called).
13. Mere applying for the post/ submission of documents/ appearing or qualifying in the selection does not confer any right on the candidates for claiming selection. If it is found that a candidate does not fulfill the advertised eligibility criteria, his/her candidature will be summarily rejected.
14. Candidates should submit only one application for one vacancy and application once submitted cannot be altered. A valid e-mail ID is essential for submission of the online application. RITES will not be responsible for bouncing of any e-mail sent to the candidates. However, candidates can apply for any number of vacancies.
15. The candidates must submit all the details pertaining to his candidature viz. personal details, educational qualification details, experience details, category etc. Suppression, in this regard, if any, detected on a future date shall render the candidature liable for forfeiture.
16. If any claim made by a candidate is found to be incorrect, his/her candidature shall be summarily rejected.
- 17. Candidate has to bring duly filled two copies of Annexure A, documents in chronological order and submit at a time of Document verification/Selection process.**

Venue & Time

Test Centers for Written Test:

Date of Written Examination	City
24.05.2025	Guwahati
	Kolkata
	Delhi/NCR

Exact Date, time and details of venue of the selection shall be communicated to candidates separately.

General Instructions

1. Management reserves the right to cancel/ restrict/ enlarge/ modify/ alter the selection/ recruitment process at any stage, without issuing any further notice or assigning any reason thereafter.
2. The number of vacancies may vary.
3. Candidates working in any organization shall be allowed to join RITES only after being properly relieved from their parent organization.
4. Before applying, the Candidates must satisfy themselves about their eligibility for the post applied for.

5. In case it is detected at any stage of recruitment that a candidate does not fulfill the eligibility norms and/or that he/she has furnished any incorrect/false information or has suppressed any material fact (s), his/her candidature is liable for cancellation. If any of these shortcomings is/are detected even after appointment, his/her services are liable to be terminated.
 6. **Any corrigendum/addendum to this advertisement will be displayed only on the Company's website www.rites.com. Therefore, applicants are advised to keep checking the Company's website for any update.**
 7. The period of training/internship shall not be counted towards post qualification experience.
 8. Legal jurisdiction will be Delhi in case of any dispute
 9. No train/bus fare / TA / DA shall be payable.
 10. **Age, experience, and all other eligibility criteria shall be reckoned as on the last date of submission of application (cut-off date ie 08.05.2025).**
 11. Date of acquiring the qualification will be earliest of the following:
 - i. Last day of month in which final examination of qualifying degree has been held. In cases where exact date of written examination is stated, the same will be treated as date of acquiring the qualification
 - ii. Date of declaration of result
 - iii. Date of issuance of marksheet
 - iv. Date of issuance of degree
- There shall be no relaxation on this account. No further relaxation shall be provided in this regard.
12. Where a specialization is required in the qualifying degree in the educational qualification, candidate is required to submit a certificate from the University/ Institution clearly specifying the specialization in the qualifying degree.

Syllabus for Written Test : VC NO. CL/30/25

- **Engineering Mathematics & Applied Mechanics**
 - Strength of Materials: Stress, Strain, Elasticity
 - Structural Analysis: Beams, Trusses, Frames
 - Surveying: Levelling, GPS, Total Station
- **Building Materials & Construction**
 - Cement, Concrete, Bricks, Steel, Glass
 - Foundation Engineering: Types, Design
 - RCC & Steel Structures: Design Principles
 - Linear & Angular Measurement
 - Compass, Theodolite, Leveling
- **Engineering Drawing & CAD**
 - Structural Drawing Basics
 - AutoCAD for Civil Engineering
- **Fluid Mechanics & Hydraulics**

- Open Channel Flow, Pumps, Pipe Networks
- Irrigation Engineering: Canals, Dams
- Groundwater Hydrology
- **Transportation Engineering**
 - Roadway Design: Pavements, Bridges
 - Railway & Airport Engineering
 - Traffic Engineering: Planning, Management
- **Environmental & Geotechnical Engineering**
 - Soil Mechanics: Shear Strength, Bearing Capacity
 - Environmental Pollution Control: Solid Waste, Wastewater Treatment
- **Construction Project Management**
 - Estimation & Costing, Contracts
 - Safety in Construction, Legal Framework
 - Smart City Development & Infrastructure Planning
- **Industrial Training & Project Work**
 - On-Site Construction Internship
 - Capstone Project in Structural Design
- **Engineering Mathematics I & II**:-Algebra, Trigonometry, Determinants and Matrices, Differential and Integral Calculus, Differential Equations, Laplace Transforms, Vector Calculus, and Complex Numbers.
- **Engineering Physics & Chemistry** - Fundamental principles such as Laws of Motion, Thermodynamics, Waves and Vibrations, basics of Heat Transfer, Fluids and Pressure, Chemical Bonding, Acids and Bases, Corrosion, Fuels, and Lubricants.
- **Engineering Graphics & AutoCAD** orthographic projections, isometric drawings, sectional views, and apply dimensioning and tolerancing techniques. It also introduces AutoCAD software for 2D drafting and basics of 3D modelling.
- **Workshop Practice**:- fitting, welding, sheet metal work, foundry, carpentry, plumbing, smithy, and forging. Emphasis is placed on safety procedures and proper use of tools and equipment.
- **Basic Electrical & Electronics Engineering**:- electric circuits, Ohm's Law, series and parallel circuits, DC and AC machines, transformers, and fundamentals of semiconductors, diodes, transistors, and digital electronics including logic gates.
- **Strength of Materials**:- Behaviour of materials under different loading conditions, including stress-strain relationships, elastic constants, bending moment and shear force in beams, torsion of shafts, buckling of columns, and pressure on thin and thick cylinders.
- **Thermal Engineering I**:- Properties of steam, boilers, steam turbines, internal combustion engines, and their classification, and the analysis of air standard cycles like Otto, Diesel, and Dual cycles, including performance testing.
- **Theory of Machines**:- kinematic chains, inversions, different types of gear and gear trains, belt and chain drives, flywheels, governors, cams and followers, as well as balancing and vibration analysis.
- **Fluid Mechanics and Hydraulic Machines**:- fluid properties, Bernoulli's equation, flow measuring devices, working principles of hydraulic turbines and pumps, and basic hydraulic systems and circuits.

- **Mechanical Measurements & Metrology:-** precision measuring instruments such as Vernier callipers, micrometer, and dial gauges, along with concepts of surface finish, limits, fits, tolerances, linear and angular measurements, and quality control and inspection techniques.
- **Manufacturing Processes:-** traditional and modern methods like casting, welding, machining (lathe, milling, drilling), forging, rolling, sheet metal operations, plastics processing, powder metallurgy, and an introduction to CNC machines and basic programming.
- **Design of Machine Elements:-** Principles of machine design, factor of safety, and design procedures for shafts, keys, couplings, levers, bearings, springs, and fasteners. The use of CAD tools for designing components is also included.
- **Industrial Engineering & Management:-** Plant layout, production planning and control, work and time study, costing, inventory control techniques, and basics of project management tools like PERT/CPM, as well as organizational behaviour and entrepreneurship.
- **Tool Engineering & Jigs/Fixtures (Manufacturing Focus):-** Cutting tool materials, tool geometry, design of jigs and fixtures, tool wear and life economics, and coating technologies for enhanced performance.
- **Automobile Engineering:-** Overview of automotive systems, including SI and CI engines, transmission systems such as gearboxes, clutches, differentials, suspension and steering systems, brake systems, and modern advancements like electric vehicles and battery management systems.
- **Production & Operations Management:-** Forecasting, scheduling, capacity planning, inventory models, lean manufacturing practices, introduction to ERP systems, and quality management frameworks like ISO 9001 and Six Sigma.
- **Refrigeration and Air Conditioning:-** Vapour compression and absorption refrigeration systems, psychrometric processes, comfort air conditioning, refrigerants and system components, layout planning, and troubleshooting techniques.
- **Electrical Circuit Theory & Basic Electronics**
 - Kirchhoff's Laws, Thevenin & Norton Theorems
 - AC/DC Circuits, Power Factor Correction
 - Semiconductor Devices: Diodes, Transistors
- **Electrical Machines**
 - Transformers: Types, Efficiency
 - Induction Motors, Synchronous Machines
 - Power Generation, active power, reactive power.
- **Digital Electronics & Microcontrollers**
 - Logic Gates, Flip-Flops, Counters
 - Microprocessors & Microcontrollers: 8085, Arduino, PLCs
- **Instrumentation & Control Systems**
 - Sensors & Measurement Systems
 - PID Control, SCADA, IoT in Electrical Engineering
- **Power Electronics & Renewable Energy**
 - Inverters, Converters, SMPS
 - Solar & Wind Energy Systems

- Smart Grids & Electric Vehicles
- **Power Systems**
 - Transmission Systems
 - Distribution Systems
- **Electrical Transients & Relays**
 - Power System protection

General concepts of Engineering from any of the Engg. discipline, basic science concepts, knowledge about industry practices / Indian Govt. service & processes, general aptitude, general awareness, current events, experience relevant to the vacancy etc.

The questions will cover one or more of the topics covered in the above-mentioned syllabus.

Communication with RITES

Any information regarding this recruitment process would be made available on the email address provided by the candidate at the time of registration and/or shall be uploaded on RITES website. Candidates are advised to periodically check the site for further updates.

Candidates are encouraged to go through the detailed advertisement and read the “Frequently Asked Questions (FAQs)” uploaded on RITES website under Career section to solve their queries.

Queries if remaining should be sent to cont.rectt@rites.com only and contain the following particulars:

- i. **VC No.**
- ii. **REGISTRATION/ROLL NO.**
- iii. **NAME OF CANDIDATE IN FULL AND IN BLOCK LETTERS.**
- iv. **Valid email address as given in the application Communications not containing above particulars shall NOT BE ATTENDED TO.**

Communications not containing above particulars shall NOT BE ATTENDED TO. Any query/ issue should be brought to notice of RITES well in advance of the due date.

RITES will not be responsible for non-submission of application due to issues brought to notice at the last moment. Queries related to information already provided in the advertisement may not be attended to.

Important Dates

S. No.	Particular	Date
1	Commencement of submission of online application and online payment of fees	23.04.2025
2	Last date of submission of online application and online payment of fees	14.05.2025 (Till 11:00 AM)
3	Date of issue of admit cards (Tentative)	14.05.2025/15.05.2025
4	Date of written test	24.05.2025
5	Exact Venue for written test	Will be mentioned on admit card

6	Upload of Provisional Answer Key	Will be uploaded on RITES Website
7	Objection window to submit objections against the provisional answer key	
8	Upload of Final Answer Key	
9	Declaration of marks scored in Written test	
10	Re-evaluation window (Submission of request for rechecking of OMR sheets)	

Annexure-A

Rites Limited

Documents Submission Check-List

With reference to my application, I am submitting requisite Document(s) along with duly self-attested photocopies of my certificates as under (in chronological order):

S. No.	Documents name	Submitted (Y/N)	Remarks
01	10 th /High School certificate for proof of Date of Birth		
02	12 th Marksheet		
03	Diploma / Graduation Marksheetworks- All semesters		
04	Diploma / Graduation Certificate		
05	Post Graduation Marksheet All semesters		
06	Post Graduation Certificate (as applicable)		
07	PhD Marksheetworks & Certificate, if any		
08	Other Academic Qualification / Certification, please specify: _____		
09	List of Experience certificates submitted: 1. _____ 2. _____ 3. _____ 4. _____ 5. _____ 6. _____ 7. _____		
10	Last company relieving letter/ experience certificate, NOC (For Govt./PSU Employees)		
11	ADHAR Card		
12	PAN Card		

I also certify that the above documents are authentic, valid and true to the best of my knowledge. If any of the above document(s) or any information contained therein is found to be false, my candidature/ employment may be summarily rejected/ cancelled.

Signature of candidate	
Name of candidate	
Date of Documents Submission	
Post Name	
VC No against which Documents Submission	

For official use only

I have verified the above documents submitted by the candidate and found **them to be / not to be** (strike out one of these) in order as per company requirement(s)

Any other remarks/ details of lack of documents:	
Signature of officer accepting documents	
Name of officer accepting documents	
Designation of officer accepting documents	
Date	