



Bharat Heavy Electricals Limited
(A Govt. of India Undertaking)
Industrial Systems Group,
P. B. No. 1249, Prof. CNR Rao Circle, Opp. IISc,
Malleswaram Bengaluru - 560 012

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Advertisement No.1/2019

**Requirement of Engineers / Supervisors in Engineering Discipline on Fixed Tenure Basis
For ISG Head Quarters, Bengaluru (Engineering - Coal Handling/ Ash Handling / Material Handling Plants)**

BHEL is one of India's largest Engineering & Manufacturing enterprise in the Energy and Infrastructure sectors and a leading Power Equipment Manufacturer globally. BHEL serves the core sectors of the economy and provides a comprehensive portfolio of products, systems and services to customers in Power, Transmission, Transportation, Renewables, Water, Defence and Aerospace, Oil & Gas and Industry. A widespread network of 17 manufacturing units, 2 repair units, 4 regional offices, 8 service centres, 1 subsidiary, 3 active joint ventures, 15 regional marketing centres, 3 overseas offices and current project execution at more than 150 project sites across India and abroad corroborates the humongous scale and size of its operations. The worldwide installed base of power generating equipment supplied by BHEL has touched around 183 GW. The company has its footprints in more than 80 countries all over the world and has achieved PBT of Rs. 2058 Crores and turnover of Rs. 29,349 Crores in 2018-19.

BHEL invites applications for Engineers (B.E/B. Tech)/ Supervisors (Diploma Holders–Engg) to be engaged on Fixed Tenure Basis for a period of two years for Industrial Systems Group at Bengaluru, Head Quarters.

The Requirement details are given below:

No of Vacancies: Engineers - 27* & Supervisors – 06*

Position Code	Category/Discipline	Discipline wise number	Period of engagement
FTA-1	FTA Engineer-Electrical	9	2 Years
FTA-2	FTA Engineer-Mechanical	8	2 Years
FTA-3	FTA Engineer- Civil	10	2 Years
FTA-4	FTA Supervisor-Civil	6	2 Years
	Total	33	

*The number of vacancies indicated above is tentative and actual requirement may vary based on further assessment.

Upper age limit: 35 years as on 01.06.2019

Reservation and Relaxation:

Category	UR	EWS	OBC (Non Creamy Layer)	SC	ST	Total
Engineers	12	2	6	5	2	27
Supervisors	5	0	1	0	0	6

Reservation for Economically Weaker Section, Persons with Disability and Ex-servicemen will be as per Govt. Directives.

Age relaxation:

- 3 years for OBC (Non Creamy Layer).
- 5 years for SC/ST candidates.
- 10 years for Person with Disability-candidates with Locomotor disability or Hearing Impairment. The definition of Locomotor disability and Hearing Impairment for Physically Challenged candidates is as per 'The Persons with Disabilities (Equal Opportunities, Protection of Rights and Full Participation) Act, 1995.
- Reservation and Relaxation for Ex-Servicemen will be as per extant Govt. Rules.
- Reservation and Relaxation for EWS Category will be as per extant Govt. Rules.
- 5 years for candidates who had ordinarily been domiciled in the state of Jammu & Kashmir during the period from 01.01.1980 to 31.12.1989.

Educational Qualifications:**For Engineers:**

BE/B Tech in the field of Electrical / Electronics / Controls and Instrumentation / Civil/ Mechanical with at least 60% marks (50% for SC/ST) in aggregate of all the years/semesters from recognized University/ Institution.

For Supervisors:

Diploma in the field of Civil with at least 60% marks (50% for SC/ST) in aggregate of all the years/semesters from recognized University/ Institution.

Details of Experience Requirements**A) ENGINEER**

S.No	Position Code	Discipline	No. of vacancies
1.	FTA-1	Electrical	9
<p>Minimum 03 years' experience in design and engineering of Electrical and C&I equipment in the field of Industry / Steel/ Power plant /Material Handling Plant.</p> <p>Engineering and design experience comprising of the following</p> <ul style="list-style-type: none"> • Sizing of Electrical Equipment such as LT Transformers, PCC/MCCs, Cables, Battery, Lighting, Earthing etc. • Preparation of Design Documentation / Calculations, Schematics, Switchgear Room/ Control Room Layouts, DCS/PLC IO list, Numerical Relay settings for Switchgear, Cable Schedules, Interconnection (cable termination) details, Cable Tray Layouts. • Knowledge on HT Switchgear operations, VFD, HT/LT Motors, Hydraulic Drives, Instrumentation. • Procurement Engineering activities including preparation of technical specifications, Technical Review of Offers and Vendor Document Review. <p>Relevant experience in Coal Handling / Ash Handling Plant/ Material Handling Plants and knowledge on AUTOCAD preferred.</p>			
2.	FTA-2	Mechanical	8
<p><u>Coal Handling Plant</u></p> <ul style="list-style-type: none"> • Should have experience of minimum 03 years in Design and Engineering of Bulk Material Handling system through Belt Conveyors (preferably Coal, Limestone, Gypsum or any other Minerals), Layout Engineering, Sizing Calculations and equipment selection of conveyor systems as per Standards like CEMA and IS. • Conversant with preparation & checking of Mechanical GA drawings of Material Handling System Buildings like Transfer Towers, Conveyors, Crusher House, Wagon Tippler, Track 			

	<p>Hopper, Water System etc. Interface checking with respect to Civil & Structural Drawings. Knowledge of AutoCAD is preferred.</p> <p>And / Or</p> <p><u>Ash Handling Plant</u></p> <ul style="list-style-type: none"> Should have experience of minimum 03 years in the field of Design and Engineering, Sizing Calculation, Layout Engineering of Ash Handling System comprising of Wet Bottom Ash Evacuation, Fly Ash Evacuation by Vacuum Conveying System and Pressure Conveying Systems. Knowledge of AutoCAD is preferred. 		
3.	FTA-3	Civil	10
	<p>Minimum 03 years' design experience in Civil and Structural engineering in Heavy Industries/ Power Plants/ Material Handling Plant.</p> <p>Design experience in the following structures/Buildings of Coal Handling / Ash Handling Plant shall be given preference: -</p> <p>Transfer Points/Junction Houses/Crusher House/ Conveyor Galleries/Trestles, Wagon Tippler, ERH, Track Hopper, Stacker Re-claimer, Electrical Buildings, Dust Suppression pump House, Coal settling Pond etc.</p> <p>Ash Slurry Pump House, Compressor House, Vacuum Pump House, Ash Water Pump House, Clarifier, Ash water Recovery pump House, Electrical Buildings, Pipe Rack, Cable Rack etc.</p> <p>Candidates conversant with following shall be given preference: -</p> <ul style="list-style-type: none"> STAAD. Pro - design software AUTOCAD - software TEKLA - software Checking of Input adequacy of above structures with the respective input drawings. Interface checking of structural components with Mechanical & Electrical components. 		

B) SUPERVISORS

S.No	Position Code	Discipline	No. of vacancies
1.	FTA-4	Civil	6
	<p>Minimum 03 years drafting and checking experience in Steel Structures/ Concrete Buildings/Structures in Industrial/ Power Plants/Material Handling Plant.</p> <p>Drafting and checking experience in the following structures/Buildings of Coal Handling / Ash Handling Plant shall be given preference: -</p> <p>Transfer Points/Junction Houses/Crusher House/ Conveyor Galleries/Trestles, Wagon Tippler, ERH, Track Hopper, Stacker Re-claimer, Electrical Buildings, Dust Suppression pump House, Coal settling Pond etc.</p> <p>Ash Slurry Pump House, Compressor House, Vacuum Pump House, Ash Water Pump House, Clarifier, Ash water Recovery pump House, Electrical Buildings, Pipe Rack, Cable Rack etc.</p> <p>Candidates conversant with following shall be given preference: -</p> <ul style="list-style-type: none"> AUTOCAD - Software TEKLA - Software Interface checking of structural components with Mechanical & Electrical components. 		

REMUNERATION:

POST	COMPENSATION	MEDICAL BENEFITS
ENGINEERS	Rs.66,000/- Per Month	Reimbursement of premium for Mediclaim Policy of Rs. 2 lakhs for self and family members
SUPERVISORS	Rs 36,850/- Per Month	

SELECTION PROCESS:

If the number of eligible applicants for a post is in the ratio of up to 1:10 to the number of vacancies, Personal Interviews shall be conducted for all the eligible candidates. However, if the number of eligible applicants for a post is in excess of the ratio of 1:10 to the number of vacancies, the number of candidates will be restricted for Personal Interview on the basis of aggregate marks obtained in Qualifying examination [Degree/Diploma].

GENERAL INSTRUCTIONS/CONDITIONS:

- 1. THE POSTS ARE PURELY TEMPORARY IN NATURE AND OFFERED ON FIXED TENURE BASIS FOR A MAXIMUM PERIOD OF TWO YEARS.** This post is not against any permanent vacancy. This placement will not entitle the candidate for any regular / permanent employment in BHEL in future.
- Candidates should carefully fill up the Category (General/OBC/SC/ST/EWS) in the online application form and the required documentary proof should be submitted along with the hard copy of the application and at the time of interview, if called for. No change of category will be allowed at the later stage of selection process.
- Candidates should possess the required Job Specifications as on 01.06.2019.
- Candidates not having relevant post qualification experience in areas mentioned under "Details of Experience Requirements" need not apply. (Note: Post Qualification experience should be exclusive of Trainee/Apprenticeship period, if any).
- Candidates should be able to furnish their relevant Degree / Diploma and Post Qualification Work-Experience certificates at the time of Interview.
- A non-refundable processing fee of Rs. 200/- is payable by the General and OBC candidates. However, SC/ST Candidates and Persons with Disability are exempted from paying the processing fee.
- The posts as indicated in the Vacancy details are suitable for Persons with following benchmark Disabilities only viz. Locomotor Disability/ Leprosy Cured/ Dwarfism/ Acid Attack Victim/ Blindness (Single Eye)/ Deaf/ Hard of Hearing/ Speech & Language Disability. However, such eligible candidates will be considered for selection by general standard of merit.
- Candidates belonging to EWS/SC/ST/OBC/Persons with Disability #/Ex-servicemen category should submit self- attested copy of the certificate issued by the Competent Authority to that effect. OBC candidates are required to submit Other Backward Class Certificate ('Non-Creamy Layer') (Certificate in the format as applicable for appointment to posts under Government of India, is to be produced). The OBC (NCL) certificate should be issued not later than 01.01.2019. OBC candidates are also required to furnish a self- undertaking that they belong to OBC (Non Creamy Layer) along with the hard copy of the application and at the time of interview, if called for.
#The Persons with Disability candidates are required to furnish self-attested copy of duly stamped Medical Certificate in relation to their disability from Government Hospital or Medical Board attached to Special Employment Exchange for the handicapped.
Note: If any certificate etc. is issued in a language other than Hindi / English, candidates are advised to submit a certified translation of the same in either Hindi or English language at the time of interview, if called for.
- Candidates should ensure that they fulfil the eligibility criteria prescribed for the post for which they have applied. In case it is found at any stage of the selection process or even after appointment that the candidate has furnished false or incorrect information or suppressed any relevant information/material facts or does not fulfil the eligibility criteria, his/her candidature/services are liable for rejection/ termination without notice.
- Wherever CGPA/OGPA/DGPA or Letter Grade in a degree / diploma is awarded, its equivalent percentage of marks must be indicated in the application form as per norms adopted by University / Institute. Proof of norms

adopted by the University/ Institute to convert CGPA/OGPA/DGPA into percentage is to be submitted along with the hard copy of the application and at the time of interview, if called for.

11. Candidates applying under EWSs category should fulfil the conditions stipulated for applying under 'Reservation for Economically Weaker Sections (EWSs) in civil posts and services in Government of India' issued vide DoPT OM dt.19.01.2019. Such candidates should attach the requisite certificate certifying their "Income and Asset of the family", from an officer not below the rank of Tehsildar, along with their application and at the time of interview.
12. Candidates employed in Govt./Semi-Govt./Public Sector Undertakings/Autonomous bodies are required to produce "No Objection Certificate" at the time of Interview and produce relieving order from their organization in the event of selection.
13. Short listed candidates will be individually informed through e-mail (E-Mail ID as provided in the application form) about the Personal Interview. (Kindly check your SPAM folders as well.)
14. Candidates called for Interview will be reimbursed second class train fare by the shortest route from their starting station or mailing address whichever is nearer to the place of Interview subject to production / verification of train tickets.
15. BHEL reserves the right to cancel / restrict / enlarge the recruitment process, if the need so arises, without assigning any further notice or reason therefor.
16. Any legal proceedings in respect of any matter of claim or dispute arising out of this advertisement and / or an application in response thereto can be instituted only in Bangalore and the Courts/Tribunals/Forums (Jurisdiction Courts) at Bangalore shall have sole and exclusive jurisdiction.
17. Applications which are incomplete in any detail, not legible or without all the required enclosures or received after the last date for receipt of applications will be rejected and no correspondence on this will be entertained.
18. Mere conformity to the job requirements will not entitle a candidate, for calling for Interview.
19. Indian Nationals only need to apply.
20. Canvassing in any form will be a disqualification.
21. Any important information including Corrigendum/Changes/Updates and information on selected candidates and general instructions during the course of recruitment process shall be made available either through the website or shall be sent to the e-mail ID provided by the candidates. Therefore, candidates may provide a valid e-mail id and keep it active for at least one year, simultaneously tracking the website for updates.
22. No correspondence will be entertained from candidates not invited / selected for interview.
23. For any queries regarding this recruitment please send email to recruit_isg@bhel.in.

HOW TO APPLY:

1. The submission of application will be online only through our recruitment site – **www.bhelisg.com**.
2. The candidates are required to fill the online application and the particulars of the fee, if applicable. A non-refundable fee of Rs.200/- is to be paid online through SBI Collect [Link provided in the website]. The receipt/journal no. given by the bank on payment of fee needs to be entered in the online Application Form and print-out of the receipt wherever applicable needs to be sent along with the application form. Any other mode of payment i.e Demand Draft, Money Order, Postal Order, Cheque, etc. is NOT acceptable.
3. Candidates who wish to apply for more than one post have to submit separate online application as against the mentioned post codes along with application fee as applicable and send the application in separate envelopes for each post.
4. Necessary details regarding how to apply, general instructions, last date of submission of applications, requisite Formats to be downloaded, etc. are available in our website www.bhelisg.com.
5. After successfully submitting the online application, the candidate is required to print the application format which will have the unique acknowledgement No. and send it along with fee receipt (if applicable) and copies of all relevant documents mentioned below under Sl. No 8 to:
"AGM (HR), Bharat Heavy Electricals Limited, Industrial Systems Group, P. B. No. 1249, Prof. CNR Rao Circle, Opp. IISc, Malleswaram Bengaluru - 560 012", so as to reach latest by 12.07.2019.

6. BHEL is not responsible for any postal loss/ postal delay in receipt of applications.
7. The envelope containing the application form should be super-scribed as “Application for Appointment as Engineer on Fixed Tenure Basis- [Post Code]” or “Application for Appointment as Supervisor on Fixed Tenure Basis-[Post Code]”.
8. The necessary documents as listed below (Original for verification) are required at the time of interview, if called for.
 1. Class X (High School) certificate for Date of Birth
 2. Self-attested copy of the certificate issued by the Competent Authority, by SC/ST/OBC/ Persons with Disability /Ex-servicemen Candidates/EWS.
 3. Self-undertaking (Undertaking format) by the OBC candidate belonging to non-creamy layer.
 4. If claiming age relaxation as candidate from J & K, relevant certificate.
 5. Mark sheets of all semesters/consolidated mark sheet of Degree/Diploma qualification.
 6. Additional qualification, if any.
 7. Proof of norms adopted by the University/ Institute to convert CGPA/OGPA/DGPA into percentage.
 8. Offer of Appointment / Joining Letter / Experience Certificate issued by the Employer along with First and/or Last Salary Slip.

Important Dates

- Start of Online Application Submission: 19.06.2019
- Close of Online Application Submission: 07.07.2019
- Last date of receipt of hard copy of online submitted Applications: 12.07.2019
- Last Date of receipt of Hard copies of online submitted Applications from far flung areas 17.07.2019

Beware of Job Racketeers trying to deceive the candidates by false promises of securing Job in BHEL either through influence or by use of unfair and unethical means. BHEL has not authorised any Person/Institution/Body to recruit on its behalf. All recruitment by BHEL is clearly on merit basis.