

## CHALLENGING CAREER OPPORTUNITIES AT BHEL, ISG & EDN, BANGALORE

“BHEL, India’s Premier Navratna engineering organization provides world class products and services for the core sectors of Indian economy viz., Power Generation and Transmission, Industry, Transportation, Renewable Energy, Defence etc. It has a wide network of 15 manufacturing divisions, 4 power sector regional centres, 8 service centres, 15 Regional Offices and a large number of project sites spread across all over India and abroad”.

BHEL is looking for experienced engineers for various Project Sites of Industrial Systems Group (ISG) spread across the country and HQ at Bangalore and for Electronics Division (EDN) at Bangalore as indicated below:

SL No	For the Post	Grade	Civil	Mechanical	Electrical or Electronics & Communication	Chemical	Total
<b>For Industrial Systems Group</b>							
01	Dy. Manager	E3	03	03	06	--	12
02	Manager	E4	03	03	--	--	06
Total			06	06	06	--	18
<b>For Electronics Division</b>							
01	Dy. Manager/ Manager	E3/ E4	06	07 (5 Mech 2 Mech/Prdn)	--	01	14

Details are available on our website [www.bhelisg.com](http://www.bhelisg.com). Detailed advertisement will also be published in Employment News /Rozgar Samachar dated 11.12.2010

### Important Dates:

Milestones	Scheduled Date
Commencement of On-line Submission of Applications	10.12.2010
Closing of On-line Submission of Applications	31.12.2010

These dates are tentative and may undergo change. Any change in these dates shall be displayed on our website : [www.bhelisg.com](http://www.bhelisg.com)



**Bharat Heavy Electricals Limited**  
( A Govt of India Undertaking)  
Industrial Systems Group, Bangalore-560 012

Applications are to be submitted through our website [www.bhelisg.com](http://www.bhelisg.com)



## BHARAT HEAVY ELECTRICALS LIMITED

( A Government of India Undertaking)

**Industrial Systems Group**

**Prof CNR Rao Circle, IISc(PO), Malleswaram**

**BANGALORE – 560 012**

***POWERING PROGRESS BRIGHTENING LIFES***

### **NEEDS EXPERIENCED ENGINEERING PROFESSIONALS**

“BHEL, India’s Premier Navratna engineering organization provides world class products and services for the core sectors of Indian economy viz., Power Generation and Transmission, Industry, Transportation, Renewable Energy, Defence etc. It has a wide network of 15 manufacturing divisions, 4 power sector regional centres, 8 service centres, 15 Regional Offices and a large number of project sites spread across all over India and abroad”.

BHEL is looking for experienced engineers for various Project Sites of Industrial Systems Group (ISG) spread across the country and HQ at Bangalore and for Electronics Division (EDN) at Bangalore as indicated below:

#### **NUMBER OF POSTS:**

Sl. No.	For the Post	Grade	Civil	Mechanical	Electrical or Electronics & Communication	Chemical	Total
<b><u>For Industrial Systems Group (ISG)</u></b>							
01.	Deputy Manager	E3	03	03	06	--	12
02.	Manager	E4	03	03	--	--	06
Total			06	06	06	--	18
<b><u>For Electronics Division (EDN)</u></b>							
01.	Deputy Manager / Manager	E3 / E4	06	07 (5 Mech, 2 Mech/ Prdn)	--	01	14

#### **Note:**

1. The number of vacancies in different grades is indicative and if suitable candidates are not available in a particular higher grade, the number of posts may be increased suitably in the lower grade.

2. The number of vacancies may vary on review.

**JOB SPECIFICATIONS (as on 01.12.2010):**

FOR THE POST	DY.MANAGER / E3	MANAGER / E4
<b>Qualification</b>	Full Time Engineering Degree in Civil / Mechanical / Electrical or Electronics & Communication / Chemical disciplines from a recognized institute / university with at least 60% aggregate marks for Un-Reserved / OBC and 50% for SC / ST candidates. Aggregate of marks of all years/semesters means average of marks/CGPA of all the years / semesters without taking into account weightage, if any, given to any particular year/semester by the institute/ University.	
<b>Post Minimum experience</b>	09 Years	12 Years
<b>Upper Age Limit</b>	36 Years	39 Years
<b>Pay Scale (IDA Pattern)</b>	₹.32900-58000/-	₹.36600-62000/-

**Note:** Maximum age limit shall be relaxed by 2 years for candidates with full-time Post Graduate Degree in Civil / Mechanical / Electrical or Electronics & Communication / Chemical Engineering

**RESERVATION & RELAXATION:**

Unit	UR	SC	ST	OBC (Non-Creamy Layer)	PH
ISG	10	02	01	04	01
EDN	07	02	01	04	--

**Note:** 1. Vacancies reserved for OBC category are meant only for candidates coming under “Non creamy layer”. Non creamy layer means the gross annual income of parents of candidates should not exceed ₹.4.5 Lakhs in last three consecutive years in line with DOPT OM No.36033/3/2004-Estt.(Res) dated 14<sup>th</sup> October, 2008.

2. The numbers given above are tentative and may vary on review.

**Age limit is relaxable by:**

- 3 years for OBC (Non Creamy Layer);
- 5 years for SC/ST candidates;
- 10 years for Physically Challenged 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 Govt. Rules;  
and
- 5 years for the candidates who had domiciled in the state of Jammu & Kashmir during the period from 01.01.1980 to 31.12.1989.

**EXPERIENCE (Work experience largely in the following areas):**

**01) For Industrial Systems Group - ISG**

**CIVIL ENGINEERING**

Design / detail engineering of Civil works of buildings/ large span industrial construction/power projects involving surveying, geo-technical investigation, design and engineering of special foundations, equipment foundation, sub-structure and super-structure work of RCC / Structural Steel etc. Design / detail engineering of Structural works of buildings / industrial construction /power projects involving design analysis of steel / RCC frame structures. Estimation of bill of quantity of buildings/ industrial / power project and basic cost estimation based on Central / State PWD rates including experience in the field of analysis of market rates

**OR**

Preparation of Quality Assurance Plan (QAP) / Field Quality Plan (FQP) for various construction materials required for Civil & Structural works, inspection / witnessing of tests and dispatch of items as per QAP at manufacturers' works. Supervision of Civil works at site involving planning, inspection & witnessing of tests as per FQP, measurement and certification of works carried-out at site by the sub-contractors etc. Project execution including monitoring of civil and structural works of building/ CHP/AHP\* / industrial / power projects, preparation of construction schedule and controlling the cost / time of execution of civil and structural works of building/ industrial / power projects and allied structural works

\* only for ISG

**MECHANICAL ENGINEERING**

1) Design / Engineering of Mechanical systems for the following areas

a) Raw material handling/Coal handling plant involving equipments like wagon tippers, conveyors, crushers, Screens Peddle/feeders, stackers reclaimers, pumps etc.

b) Ventilation system, , DS & DE system for CHP/AHP/Steel Plants

c) Ash handling systems of Power Plants involving vacuum & pressure conveying of fly ash, slurry disposal system etc.

2) Sinter plant, coal dust injection system involving equipments like sinter machine, circular coolers, bowl mills, hot gas generators, heat exchangers, fan etc.

3) Proposal Engineering activities for Rolling Mills which includes making technical specifications, sizing, layouts, estimation and evaluation of vendor offers.

4) Project execution of EPC for Material Handling/CHP & AHP and allied equipment. Supervision of Mechanical Erection & Commissioning works at site, operation and maintenance of Material Handling/CHP & AHP equipments.

<b><u>ELECTRICAL OR ELECTRONICS &amp; COMMN ENGINEERING</u></b>
<p>1) Design, Engineering, Erection &amp; Commissioning of HT/LT Switchgear, HT/LT Transformers, Motors, PLC, Lighting, PF Compensation equipments, Cable Engineering, Electrical System Engineering for Coal Handling/ Ash Handling and Steel Plants. The design activities include preparation of design documentation / calculations, schematic layout drawings, cable schedules and cable layouts. Procurement engineering activities including preparation of technical specifications, technical review of offers and vendor document review and erection &amp; commissioning of above equipments, including ventilation/ power plant lighting equipments, CCTV, PLCC, PAS etc.</p> <p>2) Design Engineering, Erection &amp; Commissioning of AC/DC Drives and associated Automation systems</p>

**02) For Electronics Division (EDN)**

<b><u>CIVIL ENGINEERING</u></b>
<b>Same as given for ISG</b>
<b><u>MECHANICAL ENGINEERING</u></b>
<p><b><u>For 5 Posts</u></b></p> <p>Experience in making specifications, estimation, making and interpreting schematic drawings of the air conditioning systems /compressed air systems and evaluation of vendors' offers. Supervision of installation / maintenance of any of the following types of installations:</p> <ul style="list-style-type: none"> <li>- Air conditioning systems / Air compressors / compressed air systems</li> <li>- Maintenance(preventive/ predictive) / trouble shooting of conventional / CNC / PLC machines / re-conditioning and retrofitting</li> <li>- Exposure to concepts or Process Capability / OEE / Preventive Maintenance in ERP</li> </ul> <p align="center"><b><u>MECHANICAL/PRODUCTION ENGINEERING</u></b></p> <p><b><u>For 2 Posts</u></b></p> <p>Experience in the production shop of a Light / Medium Engineering Industry having CNC machines and having experience in CNC programming, Production planning and line balancing</p>
<b><u>CHEMICAL ENGINEERING</u></b>
<p>Working as Chemical Engineer in executive position in a Public Sector Undertaking or large Private Sector Organization like Chemical Industry / Power Sector / Semiconductor Industry etc. having experience in Effluent Treatment Plant / Sewage Treatment Plant / Air pollution control process / water Pollution Control process / Dealing with hazardous waste management / industrial hygiene management process etc.</p>

**EMOLUMENTS & BENEFITS:**

In addition to basic pay and Industrial DA, incumbents will be eligible for other benefits such as HRA/Company leased accommodation, PF, Gratuity, Medical facilities, Performance Related Pay (PRP), other perks to the extent of 46% of Basic Pay, Site benefits, leave encashment etc. admissible as per Company rules.

**SELECTION PROCESS:**

Selection process will comprise Personal Interview.

**GENERAL INSTRUCTIONS:**

1. Only Indian Nationals need apply
2. No processing fee is applicable to candidates applying for these posts.
3. Category such as OBC, SC, ST should be carefully filled-up in the online application format as this will not be allowed to be changed at a later date.
4. OBC candidates who do not belong to Non-Creamy Layer should submit their application under unreserved category only.
5. The submission of applications will be **ONLINE** only through our website **www.bhelisg.com**
6. Our website **www.bhelisg.com** will provide all necessary details regarding how to apply, general instructions, last date for submission of application, requisite formats to be downloaded etc.
7. Duly filled-in and signed application form downloaded from our website **www.bhelisg.com** with a photograph pasted are to be sent to The Addl. General Manager (HR), BHEL/Industrial Systems Group, Prof. CNR Rao Circle, IISc (PO), PB No.1249, Malleswaram, Bangalore-560 012 so as to **reach latest by 07.01.2011 and from far flung areas by 13.01.2011**. BHEL will not be responsible for any postal loss/ postal delay in receipt of application.
8. Unit (viz. ISG or EDN), Post and function applied for should be super-scribed on the envelope carrying the above documents.
9. Candidates are advised to possess a valid e-mail ID which is to be entered in the on-line Application Form. They are also advised to retain this e-mail ID active for at least one year as any important intimation to the candidates shall be provided by BHEL through e-mail. They are further requested to **check their e-mail regularly** for any communication from BHEL in this regard.
10. Candidates invited for personal interview will be reimbursed to and fro actual fare limited to AC 2 Tier train fare from the starting station or the mailing address whichever is nearer to the place of interview by the shortest route on production of proof of journey.

11. Candidates employed in Govt / Semi Govt /PSU / Nationalized Bank / Autonomous Bodies shall be required to apply through proper channel. However, in the event of difficulty, they may send the application directly and produce the relieving order from their organization in the event of selection.

12. Candidates should be of sound health. On selection, their appointment will be subject to meeting the medical standards as per Company Policy

13. Incomplete applications i.e. columns of the format not filled in or those in format other than the one prescribed in our website **www.bhelisg.com** against this advertisement will not be entertained.

14. Candidates will be called for interview based on self certified information furnished by them. However, supporting documents in original as prescribed will be required for verification at the time of interview and if any of the required documents is not produced by the candidates at the time of interview for verification, then he or she will neither be allowed to appear for the interview nor any fare re-imbursed to him/her.

**15. Candidates who have left a PSU after availing Voluntary Retirement, if selected, will be required to return the VRS compensation received to the PSU concerned.**

**16. Candidates should ensure that they fulfill the essential eligibility criteria prescribed for the post for which they are applying. 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 fulfill the essential eligibility criteria, his/her candidature/service are liable for rejection/termination without notice.**

17. Management reserves the right to restrict the number of candidates to be called for interview, reject the application without assigning any reason/change the number of posts / raise the standard of specification.

18. No correspondence will be entertained with the candidates not selected for interview / appointment

**DOCUMENTS REQUIRED AT THE TIME OF INTERVIEW:**

The following documents shall be produced in original for verification and self attested photo copies for submission.

1. Class 10 (High School) certificate for Date of Birth
2. Category certificate i.e. SC/ST/OBC (Non-creamy layer), certificate on Government prescribed format and self undertaking for OBC(Non-creamy layer) status in the prescribed format, valid Physically Challenged certificate, Discharge certificate in case of Ex-servicemen, if applicable
3. Marks sheets of all semesters/years in support of educational qualification
4. For age relaxation of 2 years, marks sheets of all semesters / years of post graduate Engineering degree in the relevant discipline
5. Degree certificate for graduation / post graduation
6. If claiming age relaxation as candidate from J&K, relevant certificate

**DOCUMENT IN SUPPORT OF DURATION OF WORK EXPERIENCE WITH EACH EMPLOYER:**

Offer of Appointment / Joining Letter / Experience Certificate issued by the Employer along with first and /or last salary slip.

**IMPORTANT DATES :**

Milestones	Scheduled Date
Commencement of Online Submission of Applications	10.12.2010
Closing of On-line Submission of Applications	31.12.2010
Last date of receipt of filled-in and signed application forms at BHEL, ISG, Bangalore	07.01.2011
Last date of receipt of filled-in and signed application forms at BHEL, ISG, Bangalore from far flung areas	13.01.2011

**Please Note:**

The recruitment process can be cancelled / suspended / terminated without assigning any reasons. The decision of the Management will be final and no appeal will be entertained on what so ever matter

BHEL reserves the right to cancel, alter, modify this advertisement in full or a part thereof without assigning any reason.

Corrigendum/Extension etc., if any, shall be published in our website [www.bhelisg.com](http://www.bhelisg.com) only.

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