

**BRAND INDIA ENGINEERING  
E-CATALOGUE**

Date: 18-01-2025

# **BHARAT HEAVY ELECTRICALS LIMITED**

**International Operations Division, Integrated  
Office Complex  
NEW-DELHI  
PIN - 110003**

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**WEB - NA**

Established in 1964, BHEL is India's largest engineering & manufacturing company engaged in design, engineering, manufacture, construction, testing, commissioning & servicing of wide range of products & services for core sectors of economy, viz. Power, Transmission, Industry, Transportation, Renewable Energy, Oil & Gas & Defence. BHEL is among few power plant equipment manufacturers in the world to supply almost entire range of critical systems by own manufacturing bases. In recognition of consistent high performance, BHEL was conferred with 'Maharatna' status by GOI. With network of manufacturing units, repair units, regional offices, service centres, subsidiary, overseas offices, joint ventures, current project execution at over 150 sites across India and abroad, BHEL provides 180 products in 30 product groups and long-term services to customers through single window interface at competitive prices. BHEL has established references in over 80 countries across all inhabited continents. We adhere to international standards and our manufacturing units & other entities are accredited to Quality Management Systems (ISO 9001), Environmental Management Systems (ISO 14001) & Occupational Health & Safety Management Systems (OHSAS 18001) We have acquired & adapted best technologies from leading companies including GE, Siemens AG & MHI Ltd., with technologies developed in our own R&D centres.

## BRAND INDIA ENGINEERING E-CATALOGUE

### Products Description

#### Valves

Technical Details

Gate, Globe and non-return valves, angle drain and blowdown valves, safety valves and safety relief valves, electromatic relief valves, quick closing NRV's, forged steel valves, HP-LP Bypass systems and Oil-field equipment such as Well heads, Xmas trees, Block valves, Mud-line suspension systems and choking manifold.

ITC HS Code

848130

Certification Category

System Standard

Certification/ Standard

CF

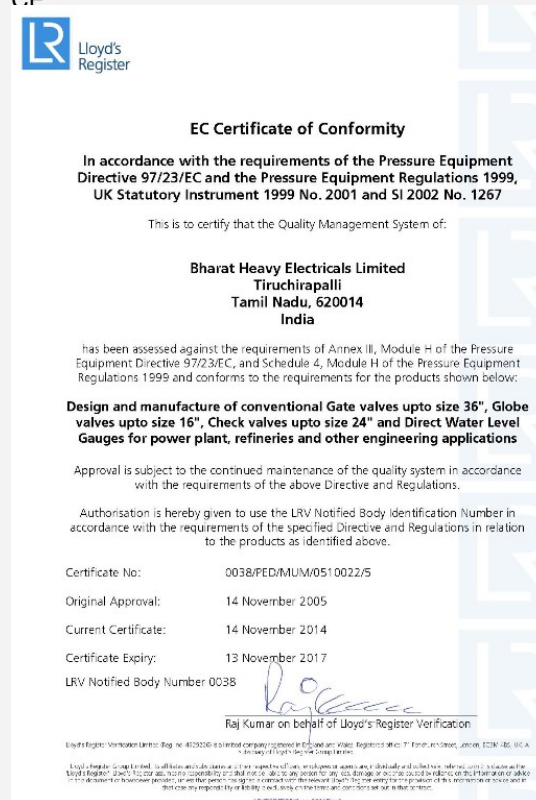
Issuing Agency



Date of Issue

Date of Expiry

Certificate Image



End Use Sectors

Power and Oil & Gas

## BRAND INDIA ENGINEERING E-CATALOGUE

Product Images



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ITC HS Code

848110

Certification Category

System Standard

Certification/ Standard

CE

Issuing Agency

Lloyd

Date of Issue

14-11-2014

Date of Expiry

13-11-2017

**BRAND INDIA ENGINEERING**  
  
**E-CATALOGUE**

**EC Certificate of Conformity**

In accordance with the requirements of the Pressure Equipment Directive 97/23/EC and the Pressure Equipment Regulations 1999, UK Statutory Instrument 1999 No. 2001 and 2002 No. 1267

This is to certify that the Quality Management System of:

**Bharat Heavy Electricals Limited**  
Tiruchirapalli  
Tamil Nadu, 620014  
India

has been assessed against the requirements of Annex III, Module D of the Pressure Equipment Directive 97/23/EC, and Schedule 4, Module D of the Pressure Equipment Regulations 1999 and conforms to the requirements for the products shown below:

**Manufacture of Safety Valves & Safety Relief Valves**

Approval is subject to the continued maintenance of the quality system in accordance with the requirements of the above Directive and Regulations, and continuing to comply with the EC Type Examination Certificate(s) as listed on the attached schedule.

Authorisation is hereby given to use the LRV Notified Body Identification Number in accordance with the requirements of the specified Directive and Regulations in relation to the products as identified above.

Certificate No: 0038/PED/MUM/0510022/6  
Original Approval: 14 November 2005  
Current Certificate: 14 November 2014  
Certificate Expiry: 13 November 2017  
LRV Notified Body Number 0038

  
Raj Kumar on behalf of Lloyd's Register Verification

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LIV/EC PED/05/Inv\_2014/Rev.1

Certificate Image

Certification Category	System Standard
Certification/ Standard	CE
Issuing Agency	Lloyd
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**Design and manufacture of conventional Gate valves upto size 36", Globe valves upto size 16", Check valves upto size 24" and Direct Water Level Gauges for power plant, refineries and other engineering applications**

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Certificate Image

End Use Sectors  
Product Images



**Valves**

Technical Details

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ITC HS Code

848140

## BRAND INDIA ENGINEERING E-CATALOGUE

Certification Category  
Certification/ Standard  
Issuing Agency  
Date of Issue  
Date of Expiry  
Certificate Image

System Standard

CF



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*Raj Kumar*  
Raj Kumar on behalf of Lloyd's Register Verification

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LRV/EC/CF/0038/0510022/5

Certification Category  
Certification/ Standard  
Issuing Agency  
Date of Issue  
Date of Expiry

System Standard

CE

Lloyd

14-11-2014

13-11-2017

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Lloyd's Register  
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LRV/EC/05/01/rev. 2014/Rev.1

Certificate Image

End Use Sectors

Power and Oil field Equipment

Product Images

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**Valves**

Technical Details

Gate, Globe and non-return valves, angle drain and blowdown valves, safety valves and safety relief valves, electromagnetic relief valves, quick closing NRV's, forged steel valves, HP-LP Bypass systems and Oil-field equipment such as Well heads, Xmas trees, Block valves, Mud-line suspension systems and choking manifold.

ITC HS Code

848190

Certification Category

System Standard

Certification/ Standard

CE

Issuing Agency

Lloyd

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14-11-2014

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
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LRV/ECPE/01/Issue\_2014/Rev.1

Certificate Image

End Use Sectors  
Product Images



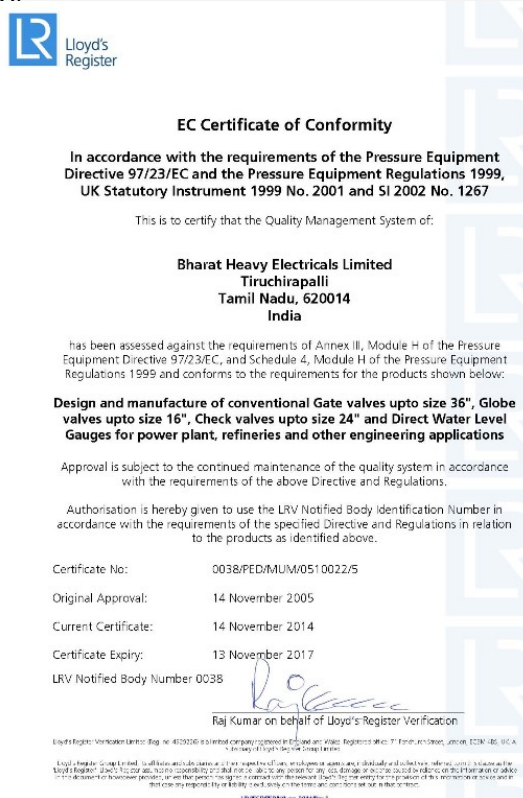
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## BRAND INDIA ENGINEERING E-CATALOGUE

ITC HS Code 848180  
 Certification Category System Standard  
 Certification/ Standard CE  
 Issuing Agency  
 Date of Issue  
 Date of Expiry  
 Certificate Image



Certification Category System Standard  
 Certification/ Standard CE  
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End Use Sectors

Power and Oil Sector

Product Images

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Sectors of Interest

Power, Transmission, Industry, Transportation, Renewable Energy, Oil & Gas & Defence

Is OEM Supplier?

Indigenous , Licensed

Is After Sales Service Provider?

Importance of niche products

Safety valves prevent the system pressure in a steam generator from exceeding a predetermined value by automatically discharging the steam as soon as the maximum pressure is reached. BHEL manufactures: (a) Safety valves (b) Relief valves (c) Safety Relief valve BHEL manufactures valves meeting the following standards: a) IBR b) ASME Sec.-I, Power Boilers c) ASME Sec.-VIII, Unfired Pressure vessels d) BS 769 e) Power Test Code PTC 25.3 f) API Stds, 520, 526 & 527 g) ISO h) JIS B8201

Potential market of niche products

Power Plants, Oil & Gas sector : 1) For Oil field equipment: Middle East (Oman, Qatar, UAE, Iran, Iraq etc), Far East ( Indonesia, Malaysia, South Korea, etc), Australia & Africa ( Nigeria, Egypt, Libya etc). 2) Safety and safety relief valves: Far East ( Indonesia, Malaysia, South Korea, etc), Neighboring countries ( Bangladesh, Sri Lanka, Nepal, Bhutan etc) & Africa (Sudan, Senegal, Rwanda, DR Congo etc).

## **BRAND INDIA ENGINEERING E-CATALOGUE**

Product Supply Record

Power plants & stand-alone supplies spread across various countries viz. Cyprus, Egypt, Ethiopia, Georgia, Indonesia, Libya, Malaysia, Malta, Myanmar, New Caledonia, Oman, Senegal, Sri Lanka, Sudan, Syria, Thailand, Ukraine.

Patented Technologies

Angle HP Bypass Valve (PATENT NO : 243954)

Awards/Accolades

Several awards by National/ International bodies & appreciation certification issued by esteemed customers.