

BALL VALVE

BUTTERFLY VALVE

GATE VALVE



Since 1979

**BTI TEX®**  
PRIVATE LIMITED

GLOBE VALVE

CHECK VALVE

Y-STRAINER



## OUR COMPREHENSIVE VALVE RANGE

### CLIENTELE



SAIL



सी एच ई एल  
**BHEL**



एनटीपीसी  
**NTPC**



Bharat  
Petroleum



हरिहरल परोसियम  
**HRAL**



हिन्दुस्तान पेट्रोलियम  
**HP**



इंडियन ऑयल

**TATA PROJECTS**



एन एम डी सी  
**NMDC**



wipro



BGR  
ENERGY



ISGEC



NPCIL



L&T



**EMERSON**



6D-1672



600-0256



Cert. No.: 44 108 989315-E3



Cert. No.: 44 116 15393584



Cert. No.: 44 116 15393584



IS 13095



IS 5312



IS 14846



IS 14845



IBR  
Approved



Firesafe  
Certified Valves

## GATE VALVES

API 600 | API 6D

**Material Of Construction :**  
 CI | CS | SS | AS | WCB | LCB |  
 WC6 | WC9

**End Connections :**  
 Screwed to BSP | BSPT | NPT |  
 Socket Weld | Butt Weld Ends |  
 Flanged Ends | Ring Type Joints (RTJ)

**Pressure Rating :**  
 ASA 125# | 150# | 300# | 400# | 600# | 900# |  
 1500# | 2500#

**Operation :**  
 Manual | Gear and Electrical Actuated

**Size Range :**  
 25mm to 1200mm



## BALL VALVES - FLOATING & TRUNION MOUNTED

API-6D | BS-5351 | BS-5159 | ISO 17292

**Material Of Construction :**  
 CI | CS | SS | AS | A 105 | F304 | F316  
 CF3 | CF3M | CN7M

**Seat & Seals :**  
 PTFE | Reinforced PTFE | Buna-N |  
 Graphoil | Graphite

**End Connections :**  
 Screwed to BSPT | NPT | Socket Weld |  
 Butt Weld with extended Nipple |  
 Flanged Ends | Butt Weld Ends

**Pressure Rating :**  
 ASA 150# | 300# | 600# | 800# | 900# |  
 1500# | 2500#

**Type :**  
 Single Pc | Two Pc | Three Pc | 3 Way | 4 Way

**Operation :**  
 Lever | Gear | Electrical Actuator |  
 Pneumatic Rotary Actuator

**Size Range :**  
 6mm to 750mm



## NON RETURN VALVES

**Material Of Construction :**  
 CI | CS | SS | AS | LCB | WC6 | WC9

**Size Range :**  
 15mm to 1000mm

## SWING TYPE

BS 1868

Flanged End | Butt weld End

**Pressure Rating:**  
 125# | 150# | 300# | 600# | 900# |  
 1500# | 2500# | PN 16, 40, 64



## WAFER CHECK VALVE

API 6D

Wafer Type

**Pressure Rating:**  
 PN 10 | PN 16



## NON SLAM DISC CHECK VALVE

BS 7438

Wafer Type

**Pressure Rating:**  
 PN 10 | PN 16 | PN 40



## GLOBE VALVES

BS-1873 | ND-16 | ND-40

**Material Of Construction :**  
 CI | CS | SS | AS | LCB | WC6 | WC9

**End Connections :**  
 Screwed to BSP | BSPT | NPT |  
 Socket Weld | Butt Weld Ends |  
 Flanged Ends | Ring Type Joints (RTJ)

**Pressure Rating :**  
 ASA 125# | 150# | 300# | 600# |  
 900# | 1500# | 2500# | PN 16 |  
 PN 40 | PN 64

**Operation :**  
 Manual | Gear and Electrical Actuated

**Size Range :**  
 15mm to 1000mm



## BUTTERFLY VALVES

API 609 | BS-5155 | BS EN 593 | AWWA C504 | IS 13095

**Material of Construction :**  
 CI | DI | CS | SS

**Seat & Seals :**  
 Nitrile | Neoprene | PTFE | Viton |  
 Hypalon | Silicon

**End Connections :**  
 Wafer Type | Double Flanged | Lug End

**Pressure Rating :**  
 ASA 125# | 150# | PN 1.0 | PN 1.6 |  
 PN 20 | PN 2.5

**Type :**  
 Centric Disc Design | Offset Disc Design |  
 Triple Offset Disc Design | High Performance

**Operation :**  
 Lever | Gear | Electrical Actuator |  
 Pneumatic Rotary Actuator

**Size Range :**  
 40mm to 2000mm



## STRAINERS

**BTI 014**

**Material of Construction :**  
 Cast Iron | Cast Steel | Stainless Steel

**End Connections :**  
 Flanged | Screwed End

**Type :**  
 "Y" Type | "T" Type | Pot Type | Basket Type

**Pressure Rating :**  
 ASA 150# | 300# | PN 40

**Size Range :**  
 15mm to 800mm



## DUAL PLATE CHECK VALVE

API 594

Flanged End | Wafer Type

**Pressure Rating:**  
 PN 10 | PN 16



## SLUICE & REFLUX VALVES

IS 14846 | IS 5312

**Material Of Construction :**

Body : Cast Iron | C.S. with G.M. or S.S. Internals

**End Connections :**

Flanged Ends

**Pressure Rating :**

Rating : PN 0.6 | PN 1.0 | PN 1.6  
Body : 0.9 Mpa | 1.5 Mpa | 2.4 Mpa  
Seat : 0.6 Mpa | 1.0 Mpa | 1.6 Mpa

**Type :**

Inside Screw (Non Rising Spindle) for Sluice | Outside Screw (Rising Spindle) for Gate

**Size Range :**

50mm to 1200mm



## KNIFE EDGE GATE VALVE | PULP VALVE

MSS SP-81

**Material of Construction :**

Body : C.I | CS | SS

**End Connections :**

Flanged End | Wafer Lugg Type

**Type :**

UNI-DIRECTIONAL | BI-DIRECTIONAL

**Operation :**

Handwheel | Gear | Pneumatic Cylinder

**Pressure Rating :**

PN 10 | PN 16

**Size Range :**

50mm TO 1200mm



## PFA LINED VALVES

API-599 | BS-5158 | BS-5351 | BS-5159 | BS-5155

**Material of Construction :**

Ductile Iron | CS

**Type :**

Butterfly | Plug | Ball | Ball Check & Diaphragm Valves

**Lining :**

FEP | PFA | PTFE | PVDF Lined Valves

**Ends :**

Wafer & Lugged End Type for Butterfly & Flanged End

**Size Range :**

25mm to 200mm



## PLUG VALVES

BS-5158 | BS- 5353 | API- 599 | API 6D

**Material of Construction :**

CI | DI | CS | SS

**Type :**

PTFE Sleeved | Lubricated | Non-Lubricated

**End Connections :**

Screwed | Flanged | Butt Weld

**Pressure Rating :**

Class 150#

**Size Range :**

25mm to 200mm



## FORGED STEEL VALVES - GATE, GLOBE, CHECK | "T" - TYPE STRAINERS

API 602 | BS-5352 | MARCK-024

**Material of Construction :**

ASTM A 105 | F304 | F304L | F316 | F316L | F5 | F9 | F11 | F22

**End Connections :**

Socketweld | Screwed | Butt Weld  
Flanged End

**Type :**

Straight Pattern | "Y" Type Pattern

**Pressure Rating :**

ASA 150# | 300# | 600# | 800# | 1500# | 2500#

**Size Range :**

15mm to 50mm



## DIAPHRAGM VALVES

BS-5156 | BS 6755-1

**Material of Construction :**

CI | CS | SS

**Lining Options :**

Rubber Lined | Glass Lined | Unlined

**End Connections :**

Screwed | Flanged End

**Pressure Rating :**

PN 10 | PN 16 | 150# Class

**Size Range :**

25mm to 400mm



## AIR VALVES

BTI-016 | IS 14845

**Material of Construction :**

CI | CS | GM

**End Connections :**

Screwed | Flanged End

**Type :**

Single Acting | Double Acting | Kinetic Type Isolating

**Pressure Rating :**

ASA 125# | 150# | 300# | PN 1.6

**Size Range :**

25mm to 600mm



## SAFETY VALVE

API 526

**Material of Construction :**

CS | SS

**End Connections :**

Flanged End

**Type :**

Ordinary Lift Type | High Lift Type | Full Lift Type

**Pressure Rating :**

ASA 150# | 300# | PN 40

**Size Range :**

25mm to 200mm



## STEAM TRAPS

IS 12268

**Material of Construction :**

CI | CA 15 | CF8 | CF8M | A 105 | F11 | F22

**End Connections :**

Screwed | Socket | Flanged End

**Type :**

Thermo Dynamic (TD-3) | Horizontal Float Type | Vertical Inverted Bucket Type | Horizontal Inverted Bucket Type

**Pressure Rating :**

ASA 800# | 1500# | 2500#

**Max Inlet Pressure :**

10 Kg/Cm<sup>2</sup> | 30 Kg/Cm<sup>2</sup> | 248 Kg/Cm<sup>2</sup> AT 204° C

**Size Range :**

15mm to 25mm - TD-3

15mm to 50mm - Float & Bucket type



## FABRICATED VALVE RANGE

**BUTTERFLY VALVES**

**Size Range :**

40mm to 3000mm

**STRAINERS**

- Pot Type
- Basket Type
- "T" Type
- Duplex Type

**Size Range :**

15mm to 1200mm



## STAINLESS STEEL - GATE | GLOBE | NRV

**SCREWED END**

**Material of Construction :**

SS 304 | SS 316 | SS 304L | SS 316L

**End Connections :**

Screwed to BSP | BSPT | NPT | Socketweld to ASME B 16.11

**Pressure Rating :**

Body : 425 Psig (30 Kg/Cm<sup>2</sup>)  
Seat : 300 Psig (21 Kg/Cm<sup>2</sup>)

**Size Range :**

15mm to 50mm



## GUN METAL | BRONZE VALVES

- Gate Valve as per IS 778 CL-I
- Globe Valve as per IS 778 CL-I
- Horizontal Non Return Valve as per IS 778 CL-I
- Steam Stop Valve



## TUBE GLASS & DOUBLE WINDOW SIGHT GLASS

**BTI-019**

**Material of Construction :**

CS | SS

**End Connections :**  
Flanged

**Pressure Rating :**  
ASA 150#

**Size Range :**  
15mm to 150mm



## FLANGES & FITTINGS

**IBR APPROVED**

**Material of Construction :**  
MS | A105 | SS 304 | SS 316 | SS 304L | SS 316L

**Rating :**  
ASA 150# to 2500# | ND-16 | ND-40 |  
BS 10 TABLE E | D | F | K | J

**Type :**  
SORF | Blind | WNRF Etc.

**Size Range :**  
15mm to 2000mm

**FITTINGS : IBR APPROVED**  
• Carbon Steel (MS) Seamless Bends  
• Long Radius  
• MS (Carbon Steel) Elbows  
• Long Radius  
• MS (Carbon Steel) Concentric Reducers



The Design & Technical Data Furnished Here Are Subject To Change Without Intimation Due To Continuous Product Development.

## CONSULTANT'S APPROVAL



इंजीनियर्स  
इंडिया लिमिटेड



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INDIA LIMITED



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