

HI-TEC VALVES



**Not Just a Valve
a solution!**

www.hitecvalves.com

WE SERVE IN
INDIA
MALAYSIA
SINGAPORE &
MIDDLE EAST



Forged steel Ball Valves



Compliance BS 5351
Size 15 NB to 50 NB
Rating Class 800
Design Three Piece
Port Full / Regular Port
Ends Screwed to BSP(F) / NPT / Socket weld to ANSI B 16.11
Material ASTM A 105 / F304/ F316

Cast steel Screwed / Socket weld End Ball Valves

Compliance BS 5351
Size 15 NB to 50 NB
Rating Class 600
Design Three Piece
Port Full / Regular Port
Ends Screwed to BSP(F) / NPT / Socket weld to ANSI B 16.11
Material ASTM A 216 Gr. WCB / ASTM A 351 Gr. CF8 / CF8M / CF3/ CF3M



Cast steel Flanged End Ball Valves



Compliance BS 5351
Size 15 NB to 250 NB
Rating Class 150 / 300 / 600
Design Three Piece
Port Full / Regular Port
Ends Flanged and drilled to ANSI B 16.5
Material ASTM A 216 Gr. WCB / ASTM A 351 Gr. CF8 /CF8M/CF3/CF3M

Design Options:

Two Piece and Three Piece construction
 3-Way 'T' Port and 'L' Port
 Vee Plate for throttling application

Fire safe Design
 Metal to metal seated
 Steam Jacketed
 Flush bottom type.



Concentric Disc Butterfly Valves

Compliance BS 5155
Size 50 NB to 600 NB
Rating PN 10 / PN 16
Ends Wafer / Flanged
Material Cast Iron to IS 210 Gr. FG 200
 ASTM A 216 Gr. WCB /
 ASTM A 351 Gr. CF8 / CF8M



High performance Butterfly Valves



Compliance BS 5155
Size 50 NB to 600 NB
Rating Class 150 / 300
Design Soft seated (zero leakage) / Metal seated(class IV leakage)
Ends Wafer
Material ASTM A 216 Gr. WCB / ASTM A 351 Gr. CF8 / CF8M

Forged Steel Gate Valves



Compliance	BS 5352 / API 602
Size	15 NB to 50 NB
Rating	Class 800
Design	Bolted Bonnet, OS & Y
Ends	Screwed to BSP(F) / NPT Socket weld / Butt Weld
Material	ASTMA 105 / F304/ F316

Forged Steel Globe Valves



Compliance	BS 5352
Size	15 NB to 50 NB
Rating	Class 800
Design	Bolted Bonnet, OS & Y
Port	Screwed to BSP(F) / NPT
Ends	Socket weld / Butt Weld
Material	ASTM A 105 / F304/ F316

Forged Steel Check Valves



Compliance	BS 5352
Size	15 NB to 50 NB
Rating	Class 800
Design	Piston Lift Type & Bolted Cover
Ends	Screwed to BSP(F) / NPT Socket weld / Butt Weld
Material	ASTM A 105 / F304/ F316

Cast Steel Gate Valves



Compliance	BS 1414 / API 600
Size	15 NB to 600 NB
Rating	Class 150 / 300 / 600
Design	Bolted Bonnet, OS & Y
Ends	Flanged and drilled to ANSI B 16.5
Material	ASTMA 216 Gr. WCB / ASTM A 217 Gr. WC6 / WC9 / WC1 / WC5 ASTMA 351 Gr. CF8 / CF8M / CF3 / CF3M

Cast Steel Globe Valves



Compliance	BS 1873
Size	15 NB to 600 NB
Rating	DIN ND 40 / Class 150 / 300 / 600
Design	Bolted Bonnet, OS & Y
Ends	Flanged and ANSI B 16.5
Material	A 216 Gr. WCB / A 217 Gr. WC6 / WC9 / WC1 / WC5 ASTM A 351 Gr. CF8 / CF8M / CF3 / CF3M

Cast Steel Check Valves



Compliance	BS 1868 / DIN 3356
Size	15 NB to 600 NB
Rating	DIN ND 40 / Class 150 / 300 / 600
Design	Swing / Piston Life Type
Ends	Flanged and drilled ANSI B 16.5
Material	ASTM A 216 Gr. WCB / ASTM A 217 Gr. WC6 / WC9 / WC1 / WC5 ASTM A 351 Gr. CF8 / CF8M / CF3 / CF3M

Uni-Directional Knife Edge Gate Valves

Compliance	MSS-SP 81
Size	50 NB to 600 NB
Rating	Class 150
Seat Design	Metal to metal (Class IV leakage)/ Resilient Seat(Bobble tight shut-off)
Ends	Wafer
Material	Cast Iron to IS 210 Gr. FG 200 / ASTM A 216 Gr. WCB / ASTM A 351 Gr. CF8 / CF8M



Bi-Directional Knife Edge Gate Valves



Compliance	MSS-SP 81
Size	50 NB to 600 NB
Rating	Class 150
Seat Design	Rubber Seated (Bobble tight shut-off)
Ends	Wafer
Material	Cast Iron to IS 210 Gr. FG 200 / ASTM A 216 Gr. WCB / ASTM A 351 Gr. CF8 / CF8M

Diaphragm Valves

Compliance	BS 5156
Size	15 NB to 300 NB
Rating	Class 125 / 150
Ends	Flanged & drilled to ANSI B 16.5/BS 10 Table 'D'
Material	ASTM A 216 Gr. WCB/A 351 Gr. CF8 / CF8M



HIGH TEMPERATURE & HIGH PRESSURE VALVE # 900 / #1500 / #2500



Forged Steel Gate Valves



Compliance	BS 5352 / API 600
Size	15 NB to 200 NB
Rating	Class 900 / 1500 / 2500
Design	Bolted Bonnet, OS & Y
Ends	Butt Weld End
Material	ASTM A 105 / A 182 F22 / F304/ F316

Forged Steel Globe Valves

Compliance	BS 5352 / BS 1873
Size	15 NB to 200 NB
Rating	Class 900 / 1500 / 2500
Design	Bolted Bonnet, OS & Y
Ends	Butt Weld End
Material	ASTM A 105 / A 182 F22 / F304/ F316



Forged Steel Check Valves



Compliance	BS 5352/ BS 1868
Size	15 NB to 200 NB
Rating	Class 900 / 1500 / 2500
Design	Piston Lift Type & Bolted Cover
Ends	Butt Weld End
Material	ASTM A 105 / F304/ F316

SPECIAL PURPOSE

STEEL PLANT & POWER PLANT VALVES MANUFACTURED BY US

Hot Blast Valve
Single / Double Disc Gate Valve
Goggle Valve
Chimney Valve
Double Eccentric Butterfly Valve
Triple Eccentric Butterfly Valve
Two / Three Lever Butterfly Valve
Push Lever Valve
Snort Valve
Non-Contacting Type Butterfly Valve
Contacting Type Butterfly Valve
Septem Valve
Coffee Pot Valve
Bleeder Valve
Dust Catcher Cut-Off Valve
Rubber Ring Type Valve
Penstock Protection Valve
Guillotine Valve



ALL VALVES CAN BE SUPPLIED WITH MANUAL / PNEUMATIC / HYDRAULIC AND ELECTRIC ACTUATOR



MANUFACTURING AND TESTING STANDARDS FOLLOWED

TYPE OF VALVE	STANDARDS FOLLOWED
Ball Valve	BS 5351
Butterfly Valve	BS 5155 / AWWA 504
Gate Valve	API 600 / BS 5352
Globe Valve	BS 5352 / BS 1873
Check Valve	BS 5352 / BS 1868
Knife Edge Gate Valve	MSS-SP 81
Diaphragm Valve	BS 5156
Gate/ Ball / Plug / Check Valves	API 6D
Flanges	ANSI B 16.5 / 16.47 (for higer sizes) DIN Standards
Butt Weld	ANSI B 16.25
Face to Face	ANSI B 16.34
Testing	BS 6755 Part I & II / API 598





HI-TEC Valves is an ISO 9001:2000 certified company and approved by Indian Boilers Regulation (IBR) and Technical Development Committee (TDC), for manufacturing of industrial valves like gate, globe, check, ball, butterfly and knife edge gate valves in the brand name of "HI-TEC".

HI-TEC Valves was started a decade ago on a small scale since then expanded to an impressive size.

HI-TEC Valves focuses on manufacture and supply of customized / special valves with automation also. HI-TEC is known for its commitment on delivery.

HI-TEC Valves established itself in national / international markets and which sets trends with best quality product for power plant, steel plant, chemical plant, ship building, oil exploration and other process industries.

Control centre for the various activities is located in Chennai, India, where there is an infrastructure consisting of design & development, manufacturing, testing, store and administrative office.

HI-TEC Valves has its marketing / sales and service offices in Singapore, Malaysia and Middle East.

Innovative thinking and market oriented approach will continue to make HI-TEC Valves stand out in the future.

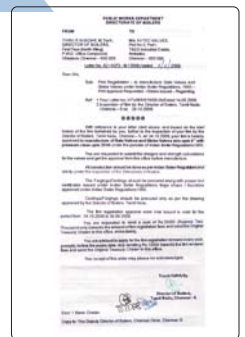
CHIEF EXECUTIVE

QUALITY POLICY

HI-TEC VALVES IS COMMITTED TO ENHANCE CUSTOMER SATISFACTION THROUGH PRODUCTS STANDARDS FOR MANUFACTURING, SERVICING OF INDUSTRIAL VALVES AND MACHINING OF COMPONENTS THROUGH QUALITY, TIMELY DELIVERY AND RELIABILITY WITH CONTINUAL IMPROVEMENT.



ISO 9001:2000
Certificate



IBR Approval

HI-TEC VALVES

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