

valves for every industry



T. S. PUMPS AND VALVES PVT. LTD.

www.tsvalvesindia.com



ABOUT US

T.S. PUMPS AND VALVES PVT.LTD (TSPV) is leading Industrial Valve manufacturer and known under the brand name "TS". TSPV has been manufacturing industrial valves for more than 25 years with a motive to meet the demand of high quality Industrial valves.

We have been fulfilling the demands in sectors like Petroleum & Refining Plants, Offshore Oil & Gas fields, Power Industry, Fertilizer, Chemical, Paper & Pulp, and other process industries. TSPV has been exporting its products internationally to countries like USA, Kuwait, Malaysia, Australia, New Zealand, Thailand, Indonesia, China.

The company offers engineering solutions for valve requirements such as Gate, Globe, Check, Piston, Plug, Butterfly, Knife Edge Gate, Ball Valves and Lined-Plug, Butterfly, Ball Valves. These products are manufactured in compliance with International Standards such as API, ANSI, ASME, BS/ISO.

TSPV also offers specialized valves with NACE requirements, Bonnet Extension (Cold Box), Full Jacketing , Motorized and Gear Operated Valves etc and in all special materials like Duplex Steel, Monel, Alloy-20, AB2, Hastelloy etc.

TSPV has been accredited with International Quality Standards ISO 9001:2015, BS ISO 45001:2018, and is certified PED 2014/68/EU (CE Mark) compliant for European Union. We have skilled welders who have been qualified as per ASME Section IX and ISO standards. TSPV has been approved by Engineers India Ltd (EIL), Indian Boiler Regulation (IBR), and ThyssenKrupp Industrial Solutions.





T. S. PUMPS AND VALVES PVT. LTD.

GATE VALVE

CLASS -150, 300, 600
SIZE RANGE - 15mm to 900mm

BODY & BONNET : ASTM A216 Gr.WCB, ASTM A217 Gr. WC6 / WC9 / C5 / C12,
ASTM A352 Gr. LCB, ASTM A351 Gr. CF8 / CF8M / CF3 / CF3M
TRIMS : ASTM A276 TYPE 410 / 304 / 316
DESIGN STANDARD : API 600 / BS EN ISO 15761 / ASME B16.34
TESTING STANDARD : API 598 / BS EN 12266-1
ENDS : FLANGED END / BUTT WELD END



TEST PRESSURES IN BAR:

	#150	#300	#600
HYDRO SHELL	30	76	156
HYDRO SEAT	22	56	113
AIR SEAT	7	7	7

Optional Features : IBR, Locking Arrangement, Jacketed, Cryogenic, Stem Extension
Operations: H.W., Gear, Pneumatic, Electrical Actuator, Others as per customer Requirement

PRESSURE SEAL GATE VALVE

CLASS -900, 1500, 2500
SIZE RANGE - 50mm to 300mm

BODY & BONNET : ASTM A216 Gr.WCB, ASTM A217 Gr. WC6 / WC9 / C5 / C12,
ASTM A352 Gr. LCB, ASTM A351 Gr. CF8 / CF8M / CF3 / CF3M
TRIMS : ASTM A276 TYPE 410 / 304 / 316
DESIGN STANDARD : API 600 / ASME B16.34
TESTING STANDARD : API 598 / BS EN 12266-1
ENDS : FLANGED END / BUTT WELD END



TEST PRESSURES IN BAR:

	# 900	#1500	#2500
HYDRO SHELL	236	392	640
HYDRO SEAT	175	287	470
AIR SEAT	7	7	7

Optional Features : IBR, Locking Arrangement, Jacketed, Cryogenic, Stem Extension
Operations: H.W., Gear, Pneumatic, Electrical Actuator, Others as per customer Requirement

GLOBE VALVE

CLASS -150, 300, 600
SIZE RANGE - 15mm to 900mm

BODY & BONNET : ASTM A216 Gr.WCB, ASTM A217 Gr. WC6 / WC9 / C5 / C12,
ASTM A352 Gr. LCB, ASTM A351 Gr. CF8 / CF8M / CF3 / CF3M
TRIMS : ASTM A276 TYPE 410 / 304 / 316
DESIGN STANDARD : BS 1873 / BS EN ISO 15761 / ASME B16.34
TESTING STANDARD : API 598 / BS EN 12266-1
ENDS : FLANGED END / BUTT WELD END



	#150	#300	#600
HYDRO TEST	30	76	156
HYDRO SEAT	22	56	113
AIR SEAT	7	7	7

Optional Features : IBR, Locking Arrangement, Jacketed, Cryogenic, Stem Extension
Operations: H.W., Gear, Pneumatic, Electrical Actuator, Others as per customer Requirement

PRESSURE SEAL GLOBE VALVE

CLASS - 900, 1500, 2500
SIZE RANGE - 50mm to 300mm

BODY & BONNET : ASTM A216 Gr.WCB, ASTM A217 Gr. WC6 / WC9 / C5 / C12,
ASTM A352 Gr. LCB, ASTM A351 Gr. CF8 / CF8M / CF3 / CF3M
TRIMS : ASTM A276 TYPE 410 / 304 / 316
DESIGN STANDARD : BS 1873, ASME B16.34
TESTING STANDARD : API 598 / BS EN 12266-1
ENDS : FLANGED END / BUTT WELD END



TEST PRESSURES IN BAR:

	# 900	#1500	#2500
HYDRO SHELL	236	392	640
HYDRO SEAT	175	287	470
AIR SEAT	7	7	7

Optional Features : IBR, Locking Arrangement, Jacketed, Cryogenic, Stem Extension
Operations: H.W., Gear, Pneumatic, Electrical Actuator, Others as per customer Requirement

FULL PORT OPENING & BOLTED COVER SWING CHECK VALVE

CLASS -150, 300, 600, 900, 1500
SIZE RANGE - 50 mm to 600mm

BODY/COVER/HINGE/BRACKET : ASTM A216 Gr. WCB, ASTM A217 Gr. WC6 / WC9 / C5 / C12
ASTM A352 Gr. LCB, ASTM A351 Gr. CF8 / CF8M / CF3 / CF3M
DESIGN STANDARD : API 6D / ASME B16.34
TESTING STANDARD : API 598/ BS EN 12266-1
ENDS : FLANGED END / BUTT WELD END



TEST PRESSURES IN BAR:

	#150	#300	#600	#900	#1500	#2500
HYDRO SHELL	30	76	156	236	392	640
HYDRO SEAT	22	56	113	175	287	470
AIR SEAT	7	7	7	7	7	7

Optional Features: IBR, Jacketed, Soft Seat, Metal Seat
Operations: Others as per customer Requirement

CAST LIFT CHECK VALVES

CLASS - 150, 300
SIZE RANGE - 15mm to 50mm

BODY & BONNET : ASTM A216 Gr.WCB, ASTM A352 Gr. LCB, ASTM A351 Gr. CF8M / CF3M
DISC : CA-15/ SS 316/ SS 316L
SPRING : SS 316
DESIGN STANDARD : BS EN ISO 15761
TESTING STANDARD : API 598 / BS EN 12266-1
ENDS : FLANGED END



TEST PRESSURES IN BAR:

	#150	#300
HYDRO TEST	30	76
HYDRO SEAT	22	56

Optional Features : IBR, Soft Seat/ Metal Seat
Others as per customer Requirement

FLOATING BALL VALVE

CLASS -150, 300, 600
SIZE RANGE - 15mm to 300mm

BODY & END PIECE : ASTM A216 Gr. WCB, ASTM A352 Gr. LCB, ASTM A351 Gr. CF8M / CF3 / CF3M,
ASTM A890/A995 4A/5A, ASTM A743 CN7M
BALL : CA15/ CF8 / CF8M / CF3 / CF3M / CN7M / DUPLEX
DESIGN STANDARD : BS EN ISO 17292 (BS 5351) / ASME B16.34
TESTING STANDARD : API 598 / BS EN 12266-1
ENDS : FLANGED END



TEST PRESSURES IN BAR:

	#150	#300	#600
HYDRO TEST	30	76	156
HYDRO SEAT	22	56	113
AIR SEAT	7	7	7

Optional Features : IBR, Locking Arrangement, Fire Safe, Metal Seat/Soft Seat, Tungsten Carbide Coating, Cryogenic, Stem Extension
Operations: Lever, Gear, Pneumatic, Electrical Actuator, Others as per customer Requirement

TRUNNION MOUNTED BALL VALVE

CLASS -150, 300, 600
SIZE RANGE - 150mm to 600mm

BODY & END PIECE : ASTM A216 WCB, ASTM A352 LCB, ASTM A351 Gr. CF8 / CF8M / CF3 / CF3M
ASTM A890/A995 4A/5A, ASTM A743 CN7M
BALL : CA15/ CF8 / CF8M / CF3 / CF3M / CN7M / DUPLEX
DESIGN STANDARD : BS EN ISO 17292 (BS 5351) / ASME B16.34
TESTING STANDARD : API 598 / BS EN 12266-1
ENDS : FLANGED / BUTT WELD END



TEST PRESSURES IN BAR:

	#150	#300	#600	#900	#1500
HYDRO SHELL	30	76	156	236	392
HYDRO SEAT	22	56	113	175	287
AIR SEAT	7	7	7	7	7

Optional Features : IBR, Locking Arrangement, Fire Safe, Metal Seat/Soft Seat, Cryogenic, Stem Extension
Operations: Lever, Gear, Pneumatic, Electrical Actuator, Others as per customer Requirement



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FORGED VALVE

CLASS-800,1500,2500
SIZE RANGE-15mm to 50mm

BODY/BONNET/COVER : A105/F304/F316/ASTM A 182 Gr.F11,F22,F5,F9
TRIMS : ASTM A276 TYPE 410 / 304 / 316
DESIGN STANDARD : API 602, ISO-15761, BS:5352, ASME B16.34
TESTING STANDARD : API 598 / EN 12266-1
ENDS : SOCKET END/ SCREWED END/BUTT WELD END/FLANGED END

TEST PRESSURES IN BAR:

	#800	#1500	#2500
HYDRO SHELL	211	392	640
HYDRO SEAT	152	287	470
AIR SEAT	7	7	7



Optional Features :IBR,Locking Arrangement, Jacketed, Cryogenic, Stem Extension
Operations: H.W., Gear, Pneumatic, Electrical Actuator, Others as per customer Requirement

3 PIECE-FORGED BALL VALVE

CLASS-800,1500,2500
SIZE RANGE-15mm to 50mm

BODY & END PIECE : A105 / F304 / F316
TRIMS : SS410 / SS304 / SS316
DESIGN STANDARD : BS EN ISO 17292
TESTING STANDARD : EN 12266-1
ENDS : SOCKET / SCREWED / BUTT WELD / FLANGED END

TEST PRESSURES IN BAR:

	#800	#1500	#2500
HYDRO SHELL	207	392	640
HYDRO SEAT	77	287	470
AIR SEAT	7	7	7



Optional Features :IBR,Locking Arrangement,Fire Safe,Metal Seat/Soft Seat,Cryogenic, Stem Extension
Operations: Lever, Gear, Pneumatic, Electrical Actuator, Others as per customer Requirement

KNIFE EDGE GATE VALVE

CLASS- PN 10
SIZE RANGE- 40mm to 600mm

BODY : ASTM A216 Gr.WCB, ASTM A351 Gr. CF8/CF8M
TRIMS : ASTM A276 TYPE SS410 / SS304 / SS316
MANUFACTURING STANDARD : Generally Conforming to MSS-SP 81
TESTING STANDARD : Generally Conforming to MSS-SP 81
ENDS : WAFER & LUGGED

TEST PRESSURES IN BAR:

	PN 10
HYDRO SHELL	15
HYDRO SEAT	11



Optional Features : Locking Arrangement, Soft Seat/Metal Seat , Stem Extension
Operations: H.W., Gear, Pneumatic, Electrical Actuator, Others as per customer Requirement

SINGLE PLATE WAFER CHECK VALVE

CLASS- PN10
SIZE RANGE-40mm to 600mm

BODY : ASTM A216 Gr. WCB / A351 Gr. CF8/ CF8M
TRIMS : CARBON STEEL / SS304 /SS316
MANUFACTURING STANDARD : API 6D
TESTING STANDARD : API 6D / API 598

TEST PRESSURES IN BAR:

	PN 10
HYDRO SHELL	15
HYDRO SEAT	11



Optional Features : Soft Seat/Metal Seat , Others as per customer Requirement

NON SLAM CHECK VALVE

CLASS- 150,300
SIZE RANGE- 15mm to 200mm

BODY /COVER/DISC : ASTM A216 Gr.WCB, ASTM A351 Gr. CF8/CF8M
TRIMS : CA-15 / SS304 / SS316
SPRING : SS316 / INCONEL
DESIGN STANDARD : MANUFACTURER
TESTING STANDARD : API 598
ENDS : WAFER TYPE

TEST PRESSURES IN BAR:

	#150	#300
HYDRO SHELL	30	76
HYDRO SEAT	22	56



Optional Features : Soft Seat/ Metal Seat, IBR
Others as per customer Requirement

DUAL PLATE CHECK VALVE

CLASS- 150,300
SIZE RANGE- 50mm to 600mm

BODY : ASTM A216 Gr.WCB, ASTM A351 Gr. CF8/CF8M
TRIMS : DUCTILE IRON ASTM A395 / S.G. IRON EN 1563 No. EN-JS 1024
SPRING : Stainless Steel ASTM A240 Type 316/ ASTM A312 Type 316
SEAT : BUNA-N, EPDM, VITON
DESIGN STANDARD : API 594 / API 6D
TESTING STANDARD : API 598

TEST PRESSURES IN BAR:

	#150	#300
HYDRO SHELL	30	76
HYDRO SEAT	22	56



Optional Features : Soft Seat/ Metal Seat, IBR
Others as per customer Requirement

RUBBER LINED BUTTERFLY VALVE

CLASS- PN10/ PN16
SIZE RANGE- 40mm to 1300mm

BODY : CI (IS:210-GF 220)/WCB (ASTM A216)
TRIMS : 410 / 304 / 316 - (ASTM A276)
SEAT : EPDM / NITRILE
DESIGN STANDARD : API 609 / BS EN 593
TESTING STANDARD : API 598 / BS EN 12266- Part 1,2

TEST PRESSURES IN BAR:

	PN 10	PN 16
HYDRO SHELL	15	24
HYDRO SEAT	11	18
AIR SEAT	7	7



Optional Features : Stem Extension , Locking Arrangement
Operations: H.W,Gear, Pneumatic, Electrical Actuator, Others as per customer Requirement

DOUBLE ECCENTRIC BUTTERFLY VALVE

CLASS- 150,300
SIZE RANGE-80mm to 600mm

BODY : WCB/CF8/CF8M
TRIMS : 410 / 304 / 316
DESIGN STANDARD : API 609 / BS EN 593
TESTING STANDARD : API 598 / BS EN 12266- Part 1,2
ENDS : WAFER / WAFER LUGGED

TEST PRESSURES IN BAR:

	#150	#300
HYDRO SHELL	30	76
HYDRO SEAT	22	56
AIR SEAT	7	7



Optional Features : Stem Extension , Locking Arrangement, Cryogenic Fire-Safe
Operations: H.W,Gear, Pneumatic, Electrical Actuator, Others as per customer Requirement



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SLEEVED PLUG VALVE

CLASS-150,300
SIZE RANGE-15mm to 300mm

BODY : ASTM A216 Gr.WCB, ASTM A351 Gr.CF8/CF8M/CF3/CF3M
SLEEVE MOC : PTFE, Glass PTFE, Carbon PTFE, Graphite PTFE
DESIGN STANDARD : API 599
TESTING STANDARD : API 598
ENDS : Flanged End

TEST PRESSURES IN BAR:

	#150	#300
HYDRO SHELL	30	76
HYDRO SEAT	22	56
AIR SEAT	7	7



Optional Features : Jacketed, Butt Weld Ends, Screwed Ends, Chain Wheel System
Operations: Manual Lever, Gear Box, Pneumatic, Electrical actuator or as per customer requirement

LINED BALL VALVE

CLASS-150
SIZE RANGE-15mm to 200mm

BODY/BALL/COVER : ASTM A216 Gr.WCB, ASTM A351 Gr.CF8/CF8M/CF3/CF3M
LINING MATERIAL : PFA, FEP
LINING THICKNESS : 3mm to 5mm
DESIGN STANDARD : BS 5351/EN ISO 17292
TESTING STANDARD : API 598
ENDS : Flanged End

TEST PRESSURES IN BAR:

	#150
HYDRO SHELL	15
HYDRO SEAT	11
SPARK TEST (Body & Ball)	20 K.V



Optional Features : Limit Switch, Solenoid Valve, Electro/Pneumatic- Pneumatic Valve Positioner, Gear box with locking arrangement
Operations: Manual Lever, Gear Box, Pneumatic, Electrical actuator or as per customer requirement

LINED BUTTERFLY VALVE

CLASS-150
SIZE RANGE-15mm to 400mm

BODY : ASTM A216 Gr.WCB, ASTM A351 Gr.CF8/CF8M/CF3/CF3M
LINING MATERIAL : PFA, FEP
LINING THICKNESS : 3mm to 5mm
DESIGN STANDARD : API 609 Cat A
TESTING STANDARD : API 598
ENDS : Wafer Lug Type

TEST PRESSURES IN BAR:

	#150
HYDRO SHELL	15
HYDRO SEAT	11
SPARK TEST (Body & Flapper)	20 K.V



Optional Features : Limit Switch, Solenoid Valve, Electro/Pneumatic- Pneumatic Valve Positioner, Gear box with locking arrangement
Operations: Manual Lever, Gear Box, Pneumatic, Electrical actuator or as per customer requirement

LINED PLUG VALVE

CLASS-150
SIZE RANGE-15mm to 200mm

BODY/PLUG/COVER : ASTM A216 Gr.WCB, ASTM A351 Gr.CF8/CF8M/CF3/CF3M
LINING MATERIAL : PFA, FEP
LINING THICKNESS : 3mm to 5mm
DESIGN STANDARD : API 599
TESTING STANDARD : API 598
ENDS : Flanged End

TEST PRESSURES IN BAR:

	#150
HYDRO SHELL	15
HYDRO SEAT	11
SPARK TEST (Body & Plug)	20 K.V



Optional Features : Limit Switch, Solenoid Valve, Electro/Pneumatic- Pneumatic Valve Positioner, Gear box with locking arrangement
Operations: Manual Lever, Gear Box, Pneumatic, Electrical actuator or as per customer requirement

LINED BALL CHECK VALVE

CLASS-150
SIZE RANGE-15mm to 200mm

BODY : ASTM A216 Gr.WCB, ASTM A351 Gr.CF8/CF8M/CF3/CF3M
BALL : PTFE Solid
LINING MATERIAL : PFA, FEP
LINING THICKNESS : 3mm to 5mm
DESIGN STANDARD : Manufacturer Standard
TESTING STANDARD : API 598
ENDS : Flanged End

TEST PRESSURES IN BAR:

	#150
HYDRO SHELL	15
HYDRO SEAT	11
SPARK TEST (Body)	20 K.V



LINED SWING CHECK VALVE-WAFER TYPE

CLASS-150
SIZE RANGE-15mm to 300mm

BODY : ASTM A216 Gr.WCB, ASTM A351 Gr.CF8/CF8M/CF3/CF3M
LINING MATERIAL : PFA, FEP
LINING THICKNESS : 3mm to 5mm
DESIGN STANDARD : Manufacturing Standard
TESTING STANDARD : API 598
ENDS : Wafer Type

TEST PRESSURES IN BAR:

	#150
HYDRO SHELL	15
HYDRO SEAT	11
SPARK TEST (Body & Disc)	20 K.V



Optional Features : Limit Switch, Solenoid Valve, Electro/Pneumatic- Pneumatic Valve Positioner, Gear box with locking arrangement
Operations: Manual Lever, Gear Box, Pneumatic, Electrical actuator or as per customer requirement



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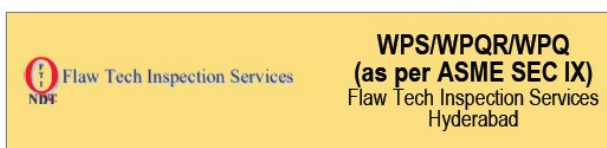
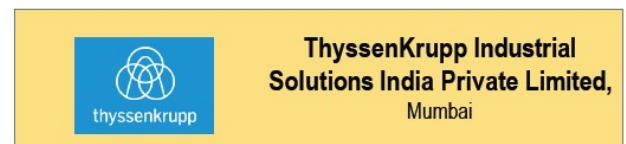
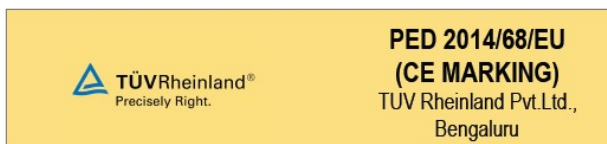
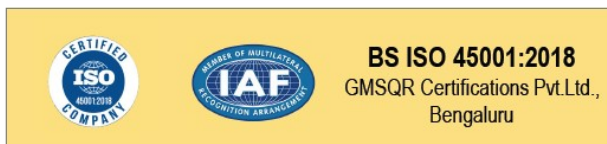
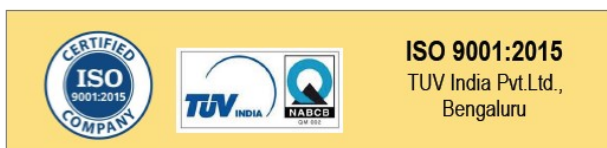
LIST OF MAJOR DOMESTIC CLIENTS

- Bharat Petroleum Corporation Limited
- Grasim Industries, Harihar
- Hindalco, Belgaum
- L&T Valves, Coimbatore
- Mangalore Refinery Private Limited, Mangaluru
- Microfinish Valves Pvt Ltd, Hubballi
- Orient Abrasives Ltd, Gujarat
- Praxair India Pvt Ltd, Doddaballapur
- Southern Lubrication Pvt, Bengaluru
- Samsung Controls, Pune
- Texol, Pune
- United Phosphorous Limited., Mumbai
- Vinati Organics Limited., Mumbai

LIST OF EXPORT CLIENTS

- Evolving Gulf Environmental Systems Co.WLL.,Kuwait
- Qinhouangdao Wanshi Electromechanical Trading Co.Lt Hebei China

APPROVALS



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