



FLOW SET INDUSTRIES

API-6D Certified,
IBR and ISO 9001:2015 Certified



Preface

We are pleased to introduce our Company "**M/s. FLOW SET INDUSTRIES**" as a **ISO 9001:2015 Certified manufacturer of Industrial Valves** having Experience exclusively in Valve technology (Design & Production) for more than two decades driven by the ability to provide innovative & sustainable solutions to flow technology. A Company founded by Qualified professional & experienced Engineers as part of our team to provide the industry with HIGH QUALITY & COST EFFECTIVE products along with best suitable engineering solutions & support to our esteemed clients. We believe in continuous improvements & product innovation to keep ourselves competent. Our wide range of products comprises of Cast Steel, Stainless Steel, & Alloy Steel Ball Valves (Metal to Metal Seated & Soft Seated), Double Block & Bleed Ball Valves, Gate, Globe & Check Valves (High Pressure & Pressure Seal Type), Butterfly Valves (Metal Seated, Soft Seated & Triple Offset Design), Dual Plate & Single Plate Check Valves, Control Gate Valves, Control Butterfly Valves, Bellow Sealed Gate and Globe Valves, Diaphragm, Sluice & Plug Valves as per Client's specific requirements in size ranging from 1" to 42" & pressure rating from 150# to 2500#. The valves can be supplied with Electric Actuator, Pneumatic Actuator and Gear Operation. The company through creativity & innovations is ultimately projecting itself to the forefront of today's OIL & GAS, PETROCHEMICALS, POWER, FERTILIZER, CHEMICALS & other allied industries. Extensive technical knowledge of our professionals backed by sound manufacturing capabilities enable us to provide one-stop solutions for all types of Industrial Valves. We look forward to working with new customers to solve their unique piping needs as they fit in our range of products. We assure you our product compatibility with your requirements. We request you to give us the opportunity to serve you in the best possible way and to prove our commitment and add value to your process applications.





Ball Valve



Speciality Features		Specifications
Size: 2"-36"(50NB-900NB)		Design API 6D / ASME B16.34 / BS 5351 / BS17292
Class: 150-2500		Face to Face ASME B16.10 / API 6D
Single / Two / Three Pieces		End to End Flanged / BW / SW
MOC - CS / SS / Alloy DSS		
Trunion / Floating Ball, Full & Reduced Bore		End Flange ASME B16.5
Anti -Static Device		BW End ASME B16.25
Blow-out Proof Stem		Testing STD API 598 / BS 6755
Fire Safe Design		Fire Safe API 607 / 6FA
Low Emission		Special NACE MR-01-75 / 0103
Operation-Hand lever, Gear Box, Actuator (Pneumatic / Electrical / Hydraulic)		
Speciality- Metal To Metal Seat		

Features

Size: 1/2"-16" (15mm - 400mm)

Class: 150-300-600

3 Piece / 4 Piece CS, SS & AS MOC

T Port & L Port Design

Anti -Static Device

Blow-out Proof Stem

Fire Safe Design

Low Emission

Operation-Hand lever, Gear Box, Actuator (Pneumatic / Electrical / Hydraulic)

Speciality- **Metal To Metal Seat**

Specifications

Design ASME B16.34

Face to Face ASME B16.10

End to End Flanged / BW / SW

BW End ASME B16.25

Testing STD API 598 / BS 6755

Fire Safe API 607 / 6FA

Special NACE MR-01-75 / 0103

3 Way & 4 Way Ball Valves



Double Block & Bleed Ball Valves



Features

Size: 1/2"-14" (15NB-350NB)

Class: 150-1500

Three Piece CS / SS / DSS MOC

Trunion Mounted / Floating Ball

Full & Reduced Bore

Anti -Static Device

Blow-out Proof Stem

Fire Safe Design

Low Emission

Operation-Hand lever, Gear Box, Actuator (Pneumatic / Electrical / Hydraulic)

Speciality- **Metal To Metal Seat**

Specifications

Design ASME B16.34 / API 6D

Face to Face ASME B16.10

End RF / FF / RTJ

End to End ASME B16.5

Testing STD API 598 / BS 6755

BW End ASME B16.25

Fire Safe API 607

Special NACE MR-01-75 / 0103



Gate Valve (Bolted/ Pressure Seal Bonnet)



Features		Specifications	
Size - 1/2" - 36" (15NB - 900NB)		Design	ASME B16.34 / API 600 5352 API 600 / 603 / 602 / IS 14846
Class: 150-2500		Face to Face	ASME B16.10
MOC - CS / SS / Alloy DSS / Monel / Hastalloys / Fabricated		End to End	SW/BW Type / Flanged End / RTJ
Solid / Flexible Wedge / Parallel / Double Disc		BW End	ASME B16.25
Stem Protector, Linkage, Chain Pulley and Bypass arrangement on request		Test	API 598
Specially: Bellow Sealed, Cryogenic and High Temp			
Metal to Metal & Metal to Soft Seat		Special	NACE MR-01-75
Manual Operated / Gear Box / Actuator		End Flange	ASME B16.5 / B16.47/DIN / BS /IS / JIS

Globe Valve (Bolted/ Pressure Seal Bonnet)



Features		Specifications	
Size: 1/2"-20" (15NB - 500NB)		Design	ASME B16.34 / BS 1873
Class: 150-2500		Face to Face	ASME B16.10
C S / CI SS / Alloys /Monel / Hastalloys Steel MOC		End to End	BW Type / Flanged End / RTJ / SW
		BW End	ASME B16.25
Straight "T" type, "Y" type, Angle Type		Test	API 598 / BS 6755
Specially: Bellow Sealed, Cryogenic and High Temp and Bypass arrangement			
Metal to Metal & Metal to Soft Seat		Special	NACE MR-01-75 / 0103
Manual Operated /Gear Box / Actuator			

Swing Check Valve (Bolted/ Pressure Seal Bonnet)



Features		Specifications	
Size: 1/2"-36" (15NB-900NB)		Design	ASME B16.34 / BS 1868
Class: 150-2500		Face to Face	ASME B16.10
C S / CI / SS / Alloys /Monel / Hastalloys MOC		End to End	BW Type / Flanged End / RTJ
Self Operated / Dash Pot / Counter Weight		End Flange	ASME B16.5 / ASME B16.25
Non Slam arrangement on request		Test	API 598 / BS 6755
Wafer Type / Ball Type / Piston Type / Spring Loaded			
Metal to Metal & Metal to Soft Seat		Special	NACE MR-01-75 / 0103
Rubber Lining on request			



Butterfly Valve



Features		Specifications	
Size		1 ½" - 48"(40NB -1200NB)	
Type:		Wafer, Lugged, Flanged	
MOC		CI / DI / CS / SS / DSS	
Face to Face		API 609, BS 5155	
Flange:		DIN, BS, ANSI, IS	
Mounting Flange:		ISO5211	
Pressure Rating:		PN 2.5 - 25	
Actuation:		Hand lever, Gear box, actuator	
Speciality		Utilities, Paper and Pulp, Ship Building and Steam Double Offset / Triple Offset	

Single/ Dual Plate check Valve



Features		Specifications	
Size: 2"-36" (50NB - 900NB)		Design	API 594
Class: 150-2500		Face to Face	API 594
C S / CI / SS / Alloys / Monel / Hastalloys / Fabricated MOC		End to End	Wafer Type / Flanged / Lug Type
Self Operated		End Flange	ASME B16.5 / B16.47/ DIN / BS IS / JIS
Spring Loaded / Retainer Less		Test	API 598 / 6D
Metal to Metal & Metal to Soft Seat			
Rubber Lining on request			

Forged Valve



Features		Specifications	
Size: 1/2"-2" (15mm - 50mm)		Design	API 602 / BS 5352 / BS 15761
Class: 150-2500		Face to Face	Manufacturing Standard
C S / SS / Alloys / Monel / Hastalloys Steel		End to End	SW / BW Type / Screwd
Manual Operated / Pneumatic / Electrical Actuator		End	ASME B16.11 / B 1.20.1
		BW End	ASME B16.25
Straight "Y" type, Specialty: Bellow Sealed, Cryogenic and High Temp		Test	API 598 / BS 6755
Metal to Metal and Metal to Soft seat		Special	NACE MR-01-75



Bellow Seal Valve



Features	Specifications	
Size: 1/2"-24"	Design	ASME B16.34 / BS 5352 / API 600 / BS 1873 / API 602
Class: 150-2500	Face to Face	ASME B16.10
CS / SS / ALLOY / MONEL / Hastalloy Body	End to End	SW / BW / Flanged
Hand lever, Gear Box, Pneumatic / Electrical Actuator	End Flange	ASME B16.5 / BS / IS
Cycling 2000 / 10000 / 20000	SW / BW End	ASME B16.11 / B16.25
Service : Chlorine, Hot oil, Gas, High Temp.	Test	API 598 / BS 6755
Speciality : Bellow Failure Indicator on request	Bellow	Inconel / SS / Hast Alloy
Bellow Construction Single Ply / Multiple Ply	Seat	Metal to metal / Metal to soft seat

Cryogenic Valve



Features	Specifications	
Size: 1/2"-24" (15mm - 600mm) BS	Design	ASME B16.34 / BS 5351 / API 6D / 6364
Class: 150-1500	Face to Face	ASME B16.10 / API 6D
Single / Two Three Pieces Cast Steel Body	End to End	Wafer Type / Flanged End / SW
Trunion / Floating Ball, Full & Reduced Bore	End Flange	ASME B16.5 / BS / IS
Anti-Static Device	BW End	ASME B16.25
Blow-out Proof Stem	Test	API 598 / BS 6755
Fire Safe Design	Fire Safe Test	API 607 / API 6FA
Low Emission	Special	NACE MR-01-75
Actuation : Hand Lever, Gear Box, Actuator		
Speciality -196 c 46c	Extended Stem	
Cold & Non Cold Box Application		

'Y' Type Strainer / Single & Double Basket Type Valve



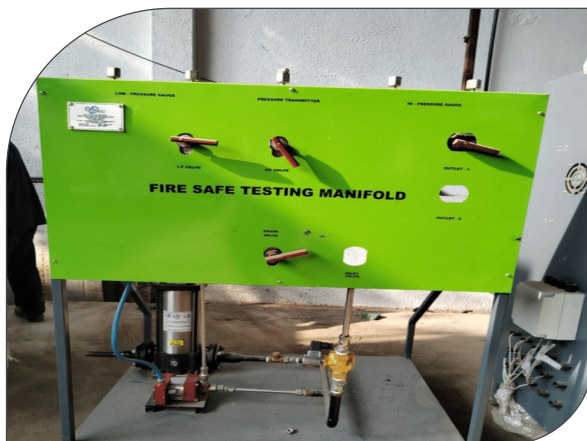
Features	Specifications	
Size	25 MM TO 400 MM	
Design Code	BS/IS	
Pressure Rating	150 # 300 #	
MAT Of CON	CS / SS / ALLOYS / CI	
	End to End	BW Type / Flanged End
Detachable Mesh On Request	End Flange	ASME B16.5 / BS / IS
	BW End	ASME B16.25
Mesh Size as per requirement	Test	API 598 / BS 6755
	Pneumatic Test	API 598 / BS 6755
Face to Face - Manufacturer's Std.	Special	As per client's requirement



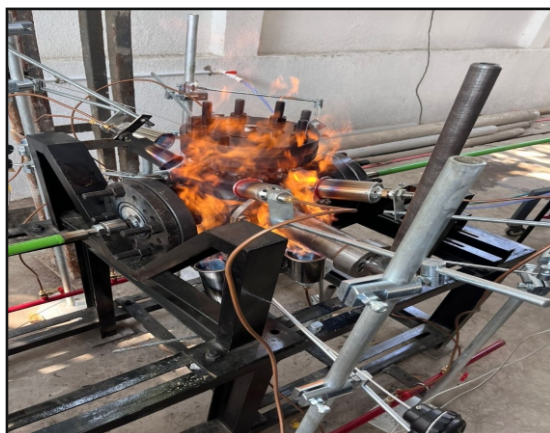
The Facilities



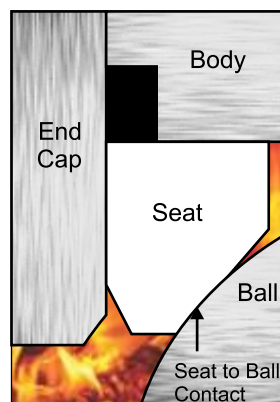
Hydro Testing Setup



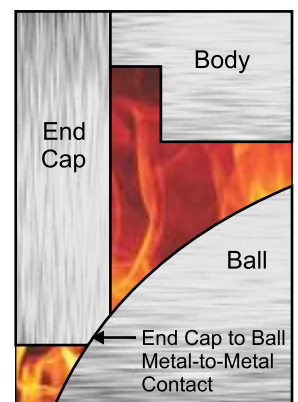
Fire Safe Testing Setup



Fire Safe Testing



Pre-Burn



Post-Burn

OUR OTHER PRODUCTS



OUR VALUED CUSTOMERS



FLOW SET INDUSTRIES

An ISO 9001 -2015 Certificated Company

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MANUFACTURING OF INDUSTRIAL VALVES AND HYDRAULIC FITTINGS