



ABOUT US



FBV Inc. is an ISO 9001 certified company specializing in manufacturing industrial valves including ball valves, gate valves, globe valves, check valves, plug valves and butterfly valves in carbon steel, stainless steel, duplex stainless and alloy materials. Our products conform to the latest industry standards in accordance to ANSI, ASME and API.

FBV today has over 600,000 square feet of manufacturing facilities. Through its conviction to provide only the finest quality products and services to match the need of our customers, FBV has now established itself as a serious player in the valve business.

FBV INC has sold worldwide in North America, Europe, South America, South Asia, Africa and the Middle East. We consider product quality and customer satisfaction as our highest priority. We look forward to new customer relationships by providing value, quality, customer service, honesty, integrity and the commitment to maintain product consistency with each and every order.

Product Scope



- **Ball Valves**
1/2"-48" Class 150~2500
Floating, Trunnion, Top Entry, Multiport (3,4,5-way)
- **Gate Valves**
1/2"-48" Class 150~2500
Bolted Bonnet, Pressure Seal, Welded Bonnet
- **Globe Valves**
1/2"-24" Class 150~2500
Bolted Bonnet, Pressure Seal, Welded Bonnet
- **Check Valves**
1/2"-76" Class 150 ~ 1500
Swing Check, Piston Check, Wafer Dual Plate
- **Butterfly Valves**
2"-76" Class 150~1500
Double offset, Triple Offset, Concentric Lining
- **Plug Valves**
1/2"-30" Class 150~2500
Pressure Balance, Sleeve Type
- **Double Block & Bleed Valve**
3"-24 " Class 150~1500
Bolted Body, Soft Seat
- **Multi-port Ball Valve**
3"-24 " Class 150~2500
Bolted Body, Soft Seat, Metal Seat

Materials

- Available in Forging (A105, A182 F11, F22, F5, A350 LF2, LF3, LF5, A182 F304, F304L, F316, F316L, F321, F347, A182 F51, F53, F55), Monel, Inconel, Hastelloy etc.
- Available in Casting (A216 WCB, A217 WC6, WC9, A352 LCB, LCC, LC2, A351 CF3, CF8, CF3M, CF8M, A995 4A, 5A, 6A), Monel, Inconel, Hastelloy etc.



Trunnion Ball Valve

Type: 2 PC side entry, 3 PC side entry, Top Entry, Welded body, Bolted Body, Soft Seated, Metal Seated

Size: NPS 2 to NPS 48

Pressure Rating: Class 150 to Class 2500

Material: Carbon Steel, Stainless Steel, Duplex Stainless Steel, Alloy Steel etc

Design Standard: API 608, API 6D, ISO 17292

Face to Face: ASME B16.10, API 6D

End Connection: ASME B16.5, ASME B16.47, ASME B16.25

Test Standard: API 598, API 6D



Floating Ball Valve

Type: 2 PC side entry, 3 PC side entry, Welded body, Bolted Body, Soft Seated, Metal Seated

Size: NPS 1/2 to NPS 8

Pressure Rating: 150 to Class 2500

Material: Carbon Steel, Stainless Steel, Duplex Stainless Steel, Alloy Steel etc.

Design Standard: API 608, API 6D, ISO 17292

Face to Face: ASME B16.10, API 6D

End Connection: ASME B16.5, ASME B16.25, ASME B16.11, ASME B1.20.1

Test Standard: API 598, API 6D



Gate Valve

Type: Flexible Wedge, Solid Wedge, Bolted Bonnet, Welded Bonnet, Pressure Seal Bonnet

Size: NPS 2 to NPS 48

Pressure Rating: Class 150 to Class 2500

Material: Carbon Steel, Stainless Steel, Duplex Stainless Steel, Alloy Steel etc.

Design Standard: API 600, API 603, BS 1414, ASME B16.34

Face to Face: ASME B16.10

End Connection: ASME B16.5, ASME B16.47, ASME B16.25

Test Standard: API 598



Globe Valve

Type: Bolted Bonnet, Pressure Seal Bonnet

Size: NPS 2 to NPS 24

Pressure Rating: Class 150 to Class 2500

Material: Carbon Steel, Stainless Steel, Duplex Stainless Steel, Alloy Steel etc.

Design Standard: BS 1873, ISO 12149, API 623, ASME B16.34

Face to Face: ASME B16.10

End Connection: ASME B16.5, ASME B16.25

Test Standard: API 598



Check Valve

Type: Swing Type, Lift Type, Wafer and Lug type, Bolted Cover, Pressure Seal Cover
Size: NPS 2 to NPS 76
Pressure Rating: Class 150 to Class 2500
Material: Carbon Steel, Stainless Steel, Duplex Stainless Steel, Alloy Steel etc.
Design Standard: API 6D, BS 1868, API 594, ASME B16.34
Face to Face: ASME B16.10, API 6D
End Connection: ASME B16.5, ASME B16.25, ASME B16.47
Test Standard: API 598, API 6D



Forged Gate/Globe/Check Valve

Size: NPS 1/2 to NPS 4
Pressure Rating: Class 150 to Class 2500
Material: Carbon Steel, Stainless Steel, Duplex Stainless Steel, Alloy Steel etc.
Design Standard: API 602, BS 5352, ASME B16.34
Face to Face: ASME B16.10, MFG Standard
End Connection: ASME B16.5, ASME B16.25, ASME B16.11, ASME B1.20.1
Test Standard: API 598



Plug Valves

Type: Sleeve Type, Pressure Seal Balance
Size: NPS 1/2 to NPS 36
Pressure Rating: Class 150 to Class 2500
Material: Carbon Steel, Stainless Steel, Duplex Stainless Steel, Alloy Steel etc.
Design Standard: API 599, ASME B16.34
Face to Face: ASME B16.10, API 6D
End Connection: ASME B16.5, ASME B16.25
Test Standard: API 598



Butterfly Valve

Type: Concentric, Double Offset, Triple Offset
Size: NPS 2 to NPS 76
Pressure Rating: Class 150 to Class 1500
Material: Carbon Steel, Stainless Steel, Duplex Stainless Steel, Alloy Steel etc.
Design Standard: API 609, ASME B16.34
Face to Face: ASME B16.10, MFG Standard
End Connection: ASME B16.5, ASME B16.25, ASME B16.47
Test Standard: API 598



Double Block & Bleed Valve

Type: 3 PC side entry, Bolted Body, Soft Seat

Size: NPS 3 to NPS 24

Pressure Rating: Class 150 to Class 1500

Material: Carbon Steel, Stainless Steel, Duplex Steel ect.

Design Standard: API 6D

Face to Face: Manufacturer Standard

End Connection: ASME B16.5, ASME B16.47, ASME B16.25, ASME 16.11

Test Standard: API 6D



Multi-port Ball Valve

Type: Bolted Body, Soft Seat, Metal Seat

Size: NPS 3 to NPS 24

Pressure Rating: Class 150 to Class 2500

Material: Carbon Steel, Stainless Steel, Duplex Steel etc.

Design Standard: API 6D

Face to Face: Manufacturer Standard

End Connection: ASME B16.5, ASME B16.47, ASME B16.25, ASME 16.11

Test Standard: Manufacturer Standard

Facility Capabilities

FBV facility is capable to perform the following test in house: Impact Testing, Hardness Testing, Positive Material Identification (PMI), Fugitive Emission Testing, Oxygen Service Cleaning, Non-Destructive Testing including Magnetic Particle Testing (MT), Penetrate Testing (PT) and Ultrasonic Testing (UT).



▲ Methane Fugitive Emission Detector (API 624, API 622, API 641)



▲ Precision Cleaning Service



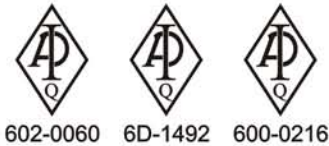
▲ Impact Testing

Certifications



Quality Management System

FBV Inc. is **ISO 9001:2008** certified for its good implementation of the Quality Management System (QMS). We established and continuously improve processes to achieve our quality policy and quality objectives.



API Monogram

American Petroleum Institute (API) has performed on-site audits and verified that products manufactured met the requirements of API Spec 6D, API Std 600 and API Std 602.



CE Marking

Assessed per Pressure Equipment Directive 97/23/EC by TUV Nord, FBV Inc. is certified to sell its products to European Economic Area.



Occupational Health and Safety Management System

FBV Inc. is recognized for its performance in occupational health and safety management system as per **OHSAS 18001**.



Environmental Management System

To identify and control the effects on the environmental, FBV Inc. has made great efforts in implementing the environmental management system as per **ISO 14001**.



Fire Safe Certifications

Ball valves of different sizes and ratings have been tested as per **API Spec 6FA** and **API Std 607**, and witnessed by TUV SUD, proving their designs to be fire safe.



Low Fugitive Emission

It's well known that emission of palliative or hazardous gas to the environment is dangerous, FBV valves have fugitive emission testing per **ISO 15848** and witnessed by TUV SUD.



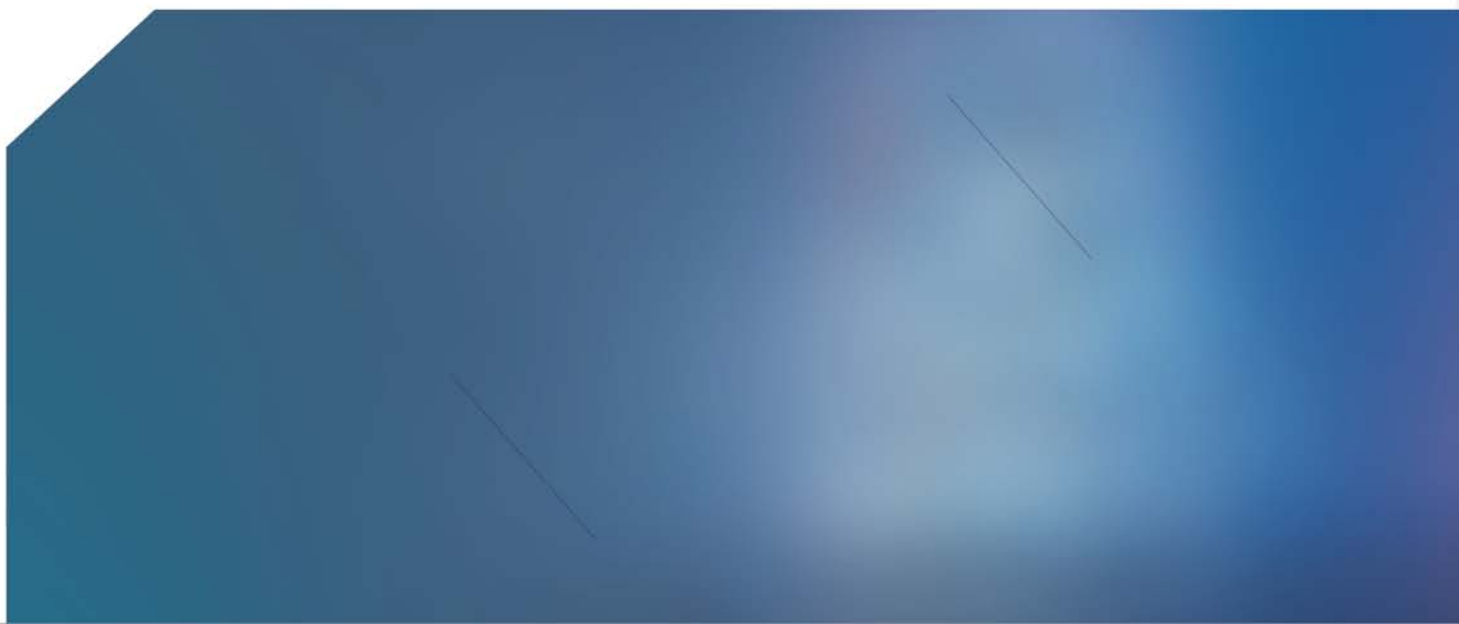
Low Fugitive Packing

FBV packing is tested and qualified per API 622, can be installed in FBV valves and tested as per **API Std 624** proving the acceptance of the packing and the design of our valves.



Canadian Registration Numbers

FBV, Inc. is registered for all provinces in Canada for Ball, Gate, Globe, Check and Plug Valves.





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