



AQUA CONTROL VALVES PVT. LTD.



OPTIMIZING FLOWS VIA INNOVATIVE VALVES

ABOUT US

Aqua Control Valves Pvt. Ltd is an ISO 9001 certified company specializing in manufacturing industrial valves including ball valves and sanitary ball 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.

AQUA has a manufacturing facility with state-of-the-art testing facilities. Through its conviction to provide only the finest quality products and services to match the needs of our customers, AQUA has established itself as a serious player in the valve business.

We consider product quality and customer satisfaction as our highest priority. We look forward to new customer relationships by providing value, safety, quality, timely delivery, value, customer service, honesty, integrity and the commitment to maintain product consistency with each and every order.

ACVPL Mission & Vision Statement

Mission

To constantly refine our quarter century plus legacy of safety, quality, innovation and dependability in the valve industry by responding dynamically to our customers, employees, vendors and the Environment.

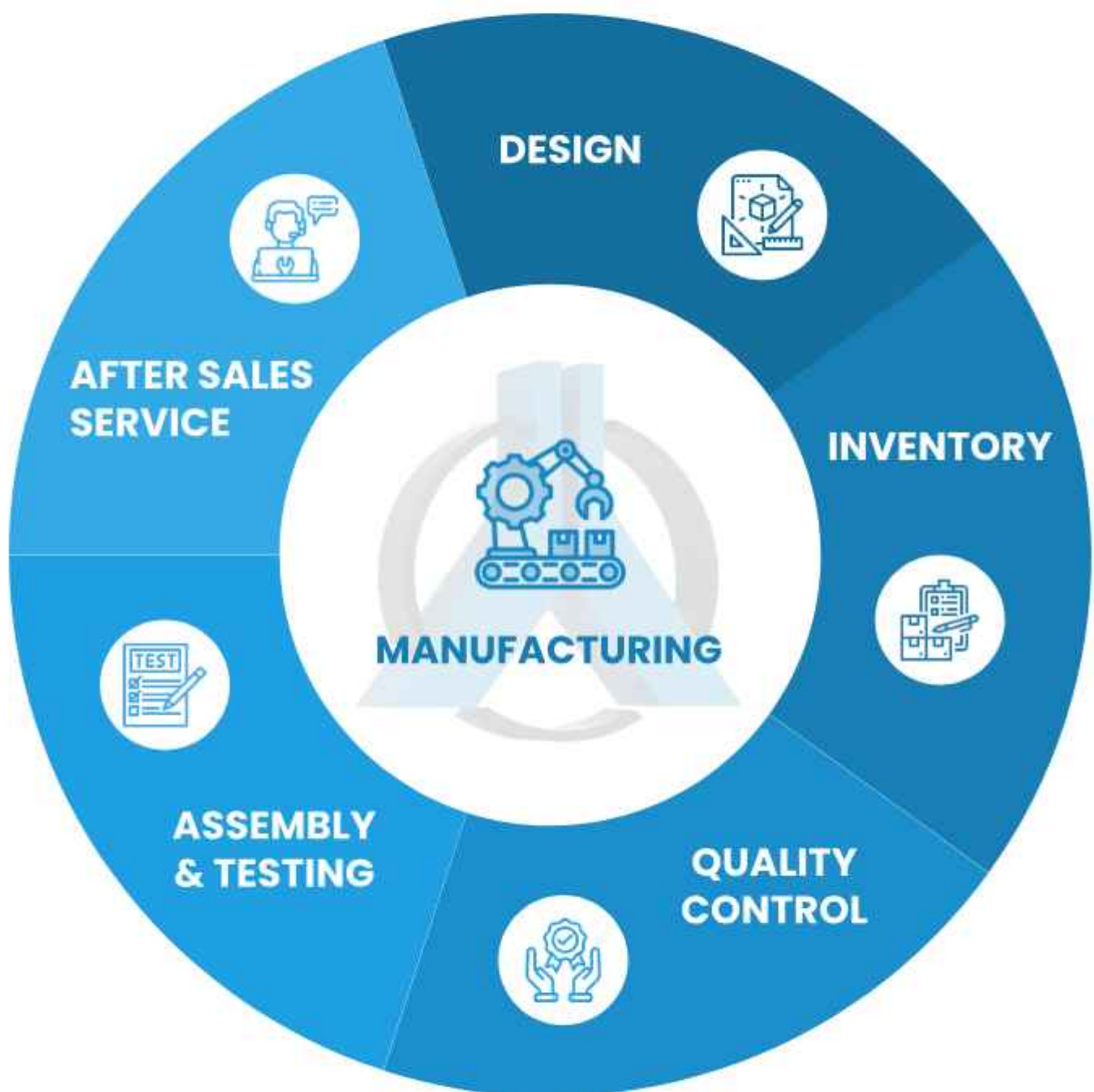
Vision

To build a preferred pan India Valve Brand underpinned by range, innovation, quality assurance, certifications, and multiple distribution channels to place us among the top ten valve manufacturers in India.

Approvals



STRENGTHS



PRODUCT RANGE



Ball Valves - Single Piece

Complies to BS EN ISO 17292 (BS 5351)

Sizes: 15mm (1/2") to 50mm (2")

Type: Full Bore

Rating: Class 150

Materials: WCB, CF8M, CF8 etc.

Seats: PTFE, RPTFE, PEEK, Metal

Ends: Screwed (BSP / BSPT / NPT)

Operation: Manual, Gear, Actuated



Ball Valves - Three Piece

Complies to BS EN ISO 17292 (BS 5351), API 6D, API 608

Sizes: 15mm (1/2") to 50mm (2")

Type: Regular Bore & Full Bore

Rating: Class 150, 600 & 800

Materials: A105, F304, F316, WCB, CF8, CF8M, CN7M etc.

Seats: PTFE, RPTFE, Devlon, Nylon, PEEK, Metal.

Ends: Screwed, Socket Weld, Butt Weld

Specials: Locking Arrangement, Nipple Extension, Fire Safe Test Requirements of API 607 & API 6FA

Operation: Manual, Gear, Actuated

PRODUCT RANGE



Ball Valves - Stem Extension

Complies to BS EN ISO 17292 (BS 5351), API 6D, API 608

Sizes: 50mm (2") to 600mm (24")

Type: Regular Bore & Full Bore

Rating: Class 150 & 300

Materials: WCB, LCB, CF8, CF8M, CF3, CF3M, Duplex SS, Monel, CN7M, H-B, H-C, etc

Seats: PTFE, Reinforced PTFE, Metal, PCTFE

Ends: Flanged, Butt Weld

Specials: Fire Safe Test Requirements of API 607 & API 6FA

Operation: Manual, Gear, Actuated



Ball Valves - Cryogenic Application

Complies to BS EN ISO 17292 (BS 5351), API 6D, BS 6364/BS EN ISO 28921, API 608

Sizes: 50mm (2") to 600mm (24")

Type: Regular Bore & Full Bore

Rating: Class 150 & 300

Materials: LCB, CF8, CF8M, CF3, CF3M etc.

Seats: PTFE, Reinforced PTFE, Metal, PCTFE..

Ends: Flanged, Butt Weld

Specials: Fire Safe Test Requirements of API 607 & API 6FA

Operation: Manual, Gear, Actuated

PRODUCT RANGE



Ball Valves - Three Way

Complies to BS EN ISO 17292 (BS 5351), API 6D, API 608

Sizes: 15mm (1/2") to 200mm (8")

Type: Regular Bore & Full Bore

Rating: Class 150 & 300

Materials: WCB, LCB, CF8, CF8M, CF3, CF3M, DUPLEX
SS Monel, CN7M, H-B, H-C etc.

Seats: PTFE, RPTFE, PEEK, Metal

Ends: Flanged

Specials: L-Port, T-Port, 2Seated, 3Seated, Locking
Arrangement, Fire Safe Test Requirements of
API 607 & API 6FA

Operation: Manual, Gear, Actuated



Ball Valves - Floating Two Piece

Complies to BS EN ISO 17292 (BS 5351), API 6D, API 608

Sizes: 15mm (1/2") to 200mm (8")

Type: Regular Bore & Full Bore

Rating: Class 150, 300, 600, 900 & 1500

Materials: WCB, LCB, CF8, CF8M, CF3, CF3M, Duplex
SS, Monel, CN7M, H-B, H-C, etc.

Seats: PTFE, RPTFE, PEEK, Metal

Ends: Flanged, Butt Weld

Specials: Stem extension, Short/Long Pattern, Locking
Arrangements, Fire Safe Test Requirements of
API 607 & API 6FA

Operation: Manual, Gear, Actuated

PRODUCT RANGE



Ball Valves - Two Piece

Complies to BS EN ISO 17292 (BS 5351), API 6D, API 608

Sizes: 15mm (1/2") to 200mm (8")

Type: Regular Bore & Full Bore

Rating: Class 150, 300, 600, 900 & 1500

Materials: WCB, LCB, CF8, CF8M, CF3, CF3M, Duplex SS, Monel, CN7M, H-B, H-C, etc

Seats: PTFE, RPTFE, PEEK, Metal

Ends: Flanged, Butt Weld

Specials: Stem Extension, Short/Long Patterns, Locking Arrangements, Fire Safe Test Requirements of API 607 & API 6FA

Operation: Manual, Gear, Actuated



Ball Valves - Trunnion Mounted External Trunnion

Complies to BS EN ISO 17292 (BS 5351), API 6D, API 608

Sizes: 50mm (2") to 600mm (24")

Type: Regular Bore & Full Bore

Rating: Class 150, 300 & 600

Materials: WCB, LCB, CF8, CF8M, CF3, CF3M, Duplex SS, Monel, CN7M, H-B, H-C etc.

Seats: PTFE, Reinforced PTFE, Nylon, Devlon, Metal, PEEK

Ends: Flanged, Butt Weld

Specials: Stem Extension, Sealant Injection, DIB-1 & DIB-2, Bonnet Extension, Fire Safe Test Requirements of API 607 & API 6FA

Operation: Manual, Gear, Actuated

PRODUCT RANGE



Sanitary Ball Valves - Three Piece

Complies to Manufacturing Standard

Sizes: 15mm (1/2") to 150mm (6")

Type: Full Bore

Rating: Class 150

Materials: CF8, CF8M, CF3, CF3M

Seats: PTFE

Ends: ODBW



Sanitary Ball Valves - Three Piece

Complies to Manufacturing standard

Sizes: 15mm (1/2") to 150mm (6")

Type: Full Bore

Rating: Class 150

Materials: CF8, CF8M, CF3, CF3M

Seats: PTFE

Ends: TRI-CLOVER

INDUSTRIES WE SERVE



PROCESS INDUSTRY



FIRE SAFETY



POWER GENERATION



INFRASTRUCTURE



WATER DISTRIBUTION



ALCOHOL & BEVERAGE



PAPER INDUSTRY



ATOMIC RESEARCH



OIL & NATURAL GAS



PHARMACEUTICAL INDUSTRY



FOOD & DAIRY INDUSTRY



PAINT INDUSTRY

CERTIFICATION



Certificate

Management system as per
ISO 9001:2015



The Certification Body TUV INDIA PVT. LTD. hereby confirms as a result of the audit, assessment and certification decision according to ISO/IEC 17021-1:2015, that the organization

AQUA CONTROL VALVES PVT. LTD.
D-72/C-67, Industrial Estate, Udyambag,
Belgaum – 590 008,
Karnataka,
India



operates a management system in accordance with the requirements of ISO 9001:2015 and will be assessed for conformity within the 3 year term of validity of the certificate.

Scope

Design, Manufacture and Supply of Ball Valves for Industrial & Domestic Applications.

Certificate Registration No. **QM 08 01747**
Audit Report No. **BAN/AUD/24-25/8206**

Valid from: **07.03.2025**
Valid until: **06.03.2028**
Initial certification **07.03.2019**



Visit our database to verify the validity of this certificate.

Mumbai, **13.02.2025**

Certification Body at TUV INDIA PVT. LTD.

To verify the validity of this certificate, please visit <https://www.iafcertsearch.org>

TUV INDIA PVT. LTD.
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Ghatkopar (W) Mumbai – 400 086,
India
www.tuv-nord.com/in



TUV®

TUVNORDGROUP

CERTIFICATION



FIRE SAFE TEST CERTIFICATE

API 607, Eighth Edition 2022

ISO 10497 -4th Edition 2022

Certificate No.: 8123253460-16		Date: 29/10/2024	
Name of the Manufacturer:	Aqua Control Valves Pvt Ltd D-72, Udyambag, Industrial Estate, Belgaum, Karnataka, INDIA, Pin- 590 008	Test Date: 17/10/2024	
Test Conducted at:	Aqua Control Valves Pvt Ltd D-72, Udyambag, Industrial Estate, Belgaum, Karnataka, INDIA, Pin- 590 008		
Type of Valve:	Floating Ball Valve - 2 Piece - Flanged Ends - Bidirectional		
Testing Standard:	API 607, Eighth Edition 2022 ISO 10497 -4th Edition 2022	Valve Serial No.:	FSD-0016
Design Standard:	BS EN ISO 17292 / API-6D	Material of Construction of Test Valve:	
Size of Test Valve:	NPS 6" CLASS 150 - FB	Body/ T.P Material	ASTM A 351 Gr. WCB
Range of Valves Covered	NPS 6", 8", 10" & 12" (RB & FB) CLASS 150 & 300.	Trim Material	ASTM A 351 Gr.CF8M / 316
Test Valve Drawing No.	6"-ABV003 Rev 0	Seat	PTFE / RPTFE
Weight of Test Valve:	75 Kgs.	Seals	GRAFOIL
Operation:	Gear actuator, Model: QT-100 & Mechanical Advantage: 11	Fasteners (Hex Screw)	ASTM A 193 Gr. B7
The above valve is tested in accordance with the above stated fire safe test procedure. All the applicable parameters were met and external and through seat leakage measurements were below the allowable limits. Other valves of the same construction may also be qualified according to the requirements of the fire safe test specification. This certificate refers to the above-mentioned product. This is to certify that the specimen provided is in conformity with the standard mentioned above. This certificate does not imply assessment of the production of the product.			
Sizes Qualified	DN 150 ,200 ,250 ,300 (FB & RB)	Pressure Rating	# 150 & #300
TUV INDIA PVT.LTD #116, Ground Floor, West of Chord Road, 1 st Block 2nd Stage, Rajaji Nagar, Bangalore-560086 Karnataka-INDIA Ph.No.80-46023456 Website: www.tuv-nord.com/In/en/home/		<u>Test Witnessed by</u>  29/10/24  KRISHNA KALWAD- SURVEYOR	

Registered Office

TUV India Pvt. Ltd. 801, Raheja Plaza-1, L.B.S. Marg, Ghastkopur (West), Mumbai - 400 086, Maharashtra, India
Tel: (022) 66477000, Email: infoindia@tuv-nord.com

TUVNORDGROUP

CERTIFICATION

Plasma And Vacuum Technologies

MANUFACTURING :

Custom - built Plasma & Vacuum Components and Assemblies

SERVICES :

Helium Leak Testing, Methane Leak Testing as per API & ISO-15848 Standards

Vacuum Brazing, Vacuum Heat Treatment, Calibration of Vacuum Gauges



Representative of Saes Getters, Italy for Vacuum Pumps in India



Plot No. 17, Road 1 - A,

GIDC, Kathwada, Ahmedabad-382430.

Phone : +91 79-29705319, Fax : 079-29709216

Email : pvt@plasvac.com

Website : www.plasvac.com

Certificate No : 15848-1202503131

Date : March 13, 2025

ISO STANDARD 15848-1 TEST CERTIFICATE

Type Testing of Valves For Fugitive Emissions

This is to certify that the below mentioned valve has been inspected by Plasma & Vacuum Technologies and found to be satisfactory in accordance with the requirements of ISO 15848-1 :2015 A1:2017.

Manufacturer:		AQUA CONTROL VALVES PVT. LTD.	
Address:		D-72, Industrial Estate, Udyambag, BELGAUM – 590 008, Karnataka – INDIA	
Location of Test:		Plasma & Vacuum Technologies, Plot No.17, Road 1-A, GIDC Kathwada, Ahmedabad 382430, India.	
Product :		3-PIECE, FULL BORE, FIRE SAFE, FLOATING BALL VALVE, FE 40mm, Class 300	
Packing :	Make:	HI-TECH GRAPHITE PRODUCTS	
	Description:	Grafoil	
Body/Bonnet Material :		ASTM A351/A351M Gr. CF8-24	
Ball Material :		ASTM A351/351M-18, Gr-CF8	
Stem Material :		ASTM A479/479M-20, TP-SS304	
GA Drawing No. :		AVB019 Rev.0	
Test Fluid :		Helium	
Test Pressure :		49.6 barG at Room Temperature. 34.5 barG at Elevated Temperature	
Test Temperature :		Ambient and at 200°C	
Mechanical Cycle :		1500 Cycles over 3 Thermal Cycles	
Maximum Leakage at Stem:		1.1E-05	mbar l/s
Maximum Leakage at Body:		14.9	PPMv
Acceptance Criteria :		≤3.1 x 10 ⁻⁵	mbar l/s maximum at Stem
		≤50	PPMv maximum at Body
Test Result :		PASS	
Test Report No :		PVT/SI/FE1/R/ 202503/ 08	
Test Start Date :		March 10, 2025	
Test End Date :		March 13, 2025	

Performance Class: ISO FE BH - CO2 - SSA 0 - 1 (RT to 200 deg C) - CLASS 300 - ISO 15848-1.

Valves Qualified : All valves of the same basic design as the test valve may be deemed to have been type tested, subject to the following additional limitation. The Type Testing of 40mm Class 300 Ball valve with 17.5mm stem diameter qualifies all valves with stem diameter from 8.75mm to 35mm and pressure class 300 and below.

Test Conducted by

Venkat N. Ramani
ASNT Level III (LT)
Plasma & Vacuum Technologies



Test Witnessed by TPI

Tested by: [Signature]
Witnessed by: [Signature]

CERTIFICATION

Plasma And Vacuum Technologies

MANUFACTURING :

Custom - built Plasma & Vacuum Components and Assemblies

SERVICES :

Helium Leak Testing, Methane Leak Testing as per API & ISO-15848 Standards
Vacuum Brazing, Vacuum Heat Treatment, Calibration of Vacuum Gauges



Representative of Saes Getters, Italy for Vacuum Pumps in India



Plot No. 17, Road 1 - A,
GIDC, Kathwada, Ahmedabad-382430.
Phone : +91 79-29705319, Fax : 079-29709216
Email : pvt@plasvac.com
Website : www.plasvac.com

Certificate No : 15848-1202503132

Date : March 13, 2025

ISO STANDARD 15848-1 TEST CERTIFICATE Type Testing of Valves For Fugitive Emissions

This is to certify that the below mentioned valve has been inspected by Plasma & Vacuum Technologies and found to be satisfactory in accordance with the requirements of ISO 15848-1:2015 A1:2017.

Manufacturer:		AQUA CONTROL VALVES PVT. LTD.	
Address:		D-72, Industrial Estate, Udyambag, BELGAUM – 590 008, Karnataka – INDIA	
Location of Test:		Plasma & Vacuum Technologies, Plot No.17, Road 1-A, GIDC Kathwada, Ahmedabad 382430, India	
Product :		2-PIECE, FULL BORE, FIRE SAFE, FLOATING BALL VALVE,FE, 150mm, Class 300	
Packing :	Make:	HI-TECH GRAPHITE PRODUCTS	
	Description:	Grafoil	
Body/Bonnet Material :		ASTM A216/A216M-16 Gr. WCB	
Ball Material :		ASTM A351/351M-18, Gr-CF8	
Stem Material :		ASTM A479/479M-20, TP-SS304	
GA Drawing No. :		AVB020 Rev.0	
Test Fluid :		Helium	
Test Pressure :		49.6 barG at Room Temperature, 34.5 barG at Elevated Temperature	
Test Temperature :		Ambient and at 200°C	
Mechanical Cycle :		1500 Cycles over 3 Thermal Cycles	
Maximum Leakage at Stem:		1.3E-05	mbar l/s
Maximum Leakage at Body:		18.1	PPMv
Acceptance Criteria :		≤9.9 x 10 ⁻⁵	mbar l/s maximum at Stem
		≤50	PPMv maximum at Body
Test Result :		PASS	
Test Report No. :		PVT/SD/FET/R/ 202503/ 09	
Test Start Date :		March 10, 2025	
Test End Date :		March 13, 2025	

Performance Class: ISO FE BH - CO₂ - SSA 0 - 1 (RT to 200 deg C) - CLASS 300 - ISO 15848-1.

Valves Qualified : All valves of the same basic design as the test valve may be deemed to have been type tested, subject to the following additional limitation. The Type Testing of 150mm Class 300 Ball valve with 50.6mm stem diameter qualifies all valves with stem diameter from 25.3 mm to 101.2 mm and pressure class 300 and below.

Test Conducted by


Venkat N. Ramani
ASNT Level III (LT)
Plasma & Vacuum Technologies

Test Witnessed by TPI



CERTIFICATION

Plasma And Vacuum Technologies

MANUFACTURING :

Custom - built Plasma & Vacuum Components and Assemblies

SERVICES :

Helium Leak Testing, Methane Leak Testing as per API & ISO-15848 Standards

Vacuum Brazing, Vacuum Heat Treatment, Calibration of Vacuum Gauges



Representative of Saes Getters, Italy for Vacuum Pumps in India



Plot No. 17, Road 1 - A,

GIDC, Kathwada, Ahmedabad-382430,

Phone : +91 79-29705319, Fax : 079-29709215

Email : pvt@plasmavac.com

Website : www.plasmavac.com

Certificate No : 641202503091

Date : March 9, 2025

API STANDARD 641 TEST CERTIFICATE Type Testing of Quarter-Turn Valves For Fugitive Emissions

This is to certify that the below mentioned valve has been inspected by Plasma & Vacuum Technologies and found to be satisfactory in accordance with the requirements of API 641, Second Edition 2023,

Manufacturer:	AQUA CONTROL VALVES PVT. LTD.	
Manufacturer's Facility: (Location)	D-72, Industrial Estate, Udyambag, BELGAUM - 590 008, Karnataka -INDIA	
Location of Test:	Plasma & Vacuum Technologies, Plot No.17, Road 1-A, GIDC Kathwada, Ahmedabad 382430, India.	
Product :	Valve Details:	2-PIECE, FULL BORE, FIRE SAFE FLOATING BALL VALVE, FE, 40mm, Class 300
	Design Standard:	BS EN / ISO 17292 / API 6D TEST STD : API 598
Packing :	Description:	Braided Graphite
	Make:	Teadit style 2236
Body Material :	ASTM A351/A351M Gr. CF8-24	
Ball Material :	ASTM A351/351M-18, Gr-CF8	
Stem Material :	ASTM A479 / A479M - 20, TP-SS304	
GA Drawing No:	AVB017 Rev.0	
Test Fluid :	Methane (>97 % Purity)	
Test Pressure :	39 barG at Ambient Temperature	
	32 barG at Elevated Temperature	
Test Temperature :	At Ambient and 260°C (~ 500°F)	
Mechanical Cycle :	610 Cycles over 3 Thermal Cycles	
Maximum Leakage :	29.8 ppmv	
Average Leakage :	16.5 ppmv	
Acceptance Criteria :	< 100 ppmv maximum	
Test Result :	PASS	
Test Report No :	PVT/SD/FET/R/202503/05	
Test Start Date :	March 7, 2025	
Test End Date :	March 9, 2025	

Valve Qualified : All valves of the same basic design as the test valve may be deemed to have been type tested, subject to the following additional limitation. The Type Testing of 40mm Class 300 of Ball Valve with Stem diameter 17.5mm qualifies all Ball Valves with Stem diameter from 8.75mm to 35mm. For additional considerations, please refer API 641 Second Edition Oct. 2023.

Test Conducted by		
Venkat N. Ramani ASNT Level III (LT) 183918 Plasma & Vacuum Technologies		

CERTIFICATION

Plasma And Vacuum Technologies

MANUFACTURING :

Custom - built Plasma & Vacuum Components and Assemblies

SERVICES :

Helium Leak Testing, Methane Leak Testing as per API & ISO-15848 Standards

Vacuum Brazing, Vacuum Heat Treatment, Calibration of Vacuum Gauges



Representative of Saes Getters, Italy for Vacuum Pumps in India



Plot No. 17, Road 1 - A,

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Phone : +91 79-29705319, Fax : 079-29706216

Email : pvt@plasmavac.com

Website : www.plasmavac.com

Certificate No : 641202503092

Date : March 9, 2025

API STANDARD 641 TEST CERTIFICATE Type Testing of Quarter-Turn Valves For Fugitive Emissions

This is to certify that the below mentioned valve has been inspected by Plasma & Vacuum Technologies and found to be satisfactory in accordance with the requirements of API 641, Second Edition 2023.

Manufacturer:	AQUA CONTROL VALVES PVT. LTD.	
Manufacturer's Facility: (Location)	D-72, Industrial Estate, Udyambag, BELGAUM – 590 008, Karnataka -INDIA	
Location of Test:	Plasma & Vacuum Technologies, Plot No.17, Road 1-A, GIDC Kathwada, Ahmedabad 382430, India.	
Product :	Valve Details:	2-PIECE, FULL BORE, FIRE SAFE, FLOATING BALL VALVE FE, 150mm, Class 300
	Design Standard:	BS EN / ISO 17292 /API 6D TEST STD : API 598
Packing :	Description:	Braided Graphite
	Make:	Teadit style 2236
Body Material :	ASTM A351/A351M Gr. CF8-24	
Stem Material :	ASTM A479 / A479M – 23, TP-SS304	
GA Drawing No:	ABV018 Rev.0	
Test Fluid :	Methane (>97 % Purity)	
Test Pressure :	39 barG at Ambient Temperature	
	32 barG at Elevated Temperature	
Test Temperature :	At Ambient and 260°C (~ 500°F)	
Mechanical Cycle :	610 Cycles over 3 Thermal Cycles	
Maximum Leakage :	38.3	ppmv
Average Leakage :	21.8	ppmv
Acceptance Criteria :	< 100 ppmv maximum	
Test Result :	PASS	
Test Report No :	PVT/SD/FET/R/202503/06	
Test Start Date :	March 7, 2025	
Test End Date :	March 9, 2025	

Valve Qualified : All valves of the same basic design as the test valve may be deemed to have been type tested, subject to the following additional limitation. The Type Testing of 150mm Class 300 of Ball Valve with Stem diameter 50.6mm qualifies all Ball Valves with Stem diameter from 25.3 mm to 101.2 mm. For additional considerations, please refer API 641 Second Edition Oct. 2023.

Test Conducted by

Venkat N. Ramani
ASNT Level III (LT) 183918
Plasma & Vacuum Technologies



CONTACT DETAILS

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