

Approvals, acceptances and listings for Jamesbury™ brand products

Jamesbury brand products have been accepted by a number of qualifying organizations and agencies world-wide. Many of the approvals are explained herein, with a list of the specific products that have been accepted. We welcome inquiries concerning approvals or listings of any products or organizations that are not covered in this bulletin.

While some acceptances cover entire product lines, others apply only to specific valve styles and/or materials of construction. Also, in some instances, acceptances are for maximum pressures or temperatures set by the organization for that particular service category, which may often be considerably below the full rating of the valve. Use of valves in such services should be followed accordingly.

Most of the products listed in this bulletin are slight modifications of standard products, the difference being in special testing and tagging with the listing/ approval agency's pressure rating for the particular service. It is therefore important that when products are ordered for applications requiring a listing or approval, it should be clearly noted.

ISO9001



Valmet quality systems were developed to ensure that all of our products meet international standards of quality world-wide. All of our manufacturing facilities have instituted quality systems designed and approved to ISO-9001 standards.

Pressure Equipment Directive (PED) #97/23/EC

The Series 4000, 5000, 6000, 7000, 9000 & Eliminator™ as well as the Wafer-Sphere™ Series 815, 830, 835 and 860 are available in compliance with the PED.

Underwriter's Laboratories



Users of valves, actuators, and accessories should refer to the applicable directory of listed equipment to determine the specific service category in which the product to be used will fall. Categories for which Jamesbury products have been examined by UL and subsequently listed are shown below. Information about listings under other categories and listings on products other than those shown is available upon request.

Gas and Oil Equipment List

Valves are listed by UL under several categories in the Gas and Oil Equipment List. These categories, their UL guide designations, and the identification number that appears on the valve tag denoting the service for which the valve was ordered are:

Category	UL Service Designation	UL Guide Designation	Jamesbury Identity Number
Manual valves	Shut-off valves for oil or gas burner equipment	MHKZ	08
Anhydrous ammonia shut-off valves	Liquid and gas line service valves	YQAR	11
Compressed gas shut-off valves	Gas line service valves	YQNZ	14
Flammable liquid shut-off valves	Manual valves for fuels and solvents	YRBX	06
Gas shut-off valves	Manual valves for natural and mfg. gases	YRPV	04
LP-gas shut-off valves	Liquid and gas line service valves	YSDT	05

Valves listed in these categories are shown on cards published by UL with the manufacturer's file MH6330. The valves listed are:

	inches	DN (mm)
Series 21 & 23 Clincher™	1/4 – 2	8 – 50
Series 6F	1/2 – 3	15 – 80
Eliminator, Mod. B	1/4 – 2	8 – 50
A-Style, Mod. D	1/4 – 2	8 – 50
Series 3000	1/2 – 1-1/2	15 – 40
Series 4000 Mod. B	1/2 – 2	15 – 50
Series 7000*	1/2 – 8	15 – 200
Series 9000*	1/2 – 8	15 – 200

*Series 4000, 7000 and 9000 are FM approved Fire-Tite™.

Underwriters Laboratories of Canada (ULC)

Valmet has several valve styles listed with ULC for different gas services. These valves are identified by a ULC label (applied at the factory) and by a modifier code shown after the valve figure number, which should be specified when ordering.

ULC Guide no. 167 E49 (Modifier code "GC" NA)

These valves have been examined and tested by ULC as meeting the Canadian Gas Association (CGA) standard 3.16 (Lever Operated Non-lubricated Gas Shut-off Valves) and ULC/ORD-C842 (Valves for flammable and combustible liquids). These valves are designated as MFUUC by ULC. They are intended for use as manual shutoff valves to be used with natural gas, manufactured gas, and liquefied petroleum gases (distributed as vapor with or without the admixture of air), or mixtures thereof, at pressures up to 125 psig (860 kPa) and temperature range of -22°F to 149°F (-30°C to 65°C). The valves listed in these categories are:

	inches	DN (mm)
Style A/AZ, Mod. D	1/4 – 2	8 – 50
Series 21 Clincher	1/4 – 2	8 – 50
Series 23 Clincher	1/4 – 2	8 – 50
Eliminator, Mod. B	1/4 – 2	8 – 50
Series 4000, Mod. B	1/2 – 2	15 – 50
Series 7000	1/2 – 8	15 – 200
Series 9150	1/2 – 8	15 – 200
Series 9300	1/2 – 6	15 – 150

ULC Guide no. 440 A21.21 (Modifier code "KL" NB)

These valves have been examined and listed by ULC as LP-Gas Shut-off valves, as meeting ULC/ORD C125 (Valves for Anhydrous Ammonia and Propane (other than Safety Relief) and CGA3.16. These valves are designated as YSDTC by ULC. They are suitable for use in systems storing and handling LP-gas in either liquid or gaseous phase at pressures up to 400 psig (2760 kPa) and temperature range of -22°F to 149°F (-30°C to 65°C). They may be manually or pressure actuated. The ULC listing covers the valve only, not the combination of valve and actuator. The valve listed are:

Valve Size and Style	Max. Pressure Rating•	
	psig	kPa
1/4" – 2" (DN 8 – 50) Style A/AZ	400	1720
1/4" – 2" (DN 8 – 50) Series 21 Clincher	400	2760
1/4" – 2" (DN 8 – 50) Series 23 Clincher	400	2760
1/2" – 2" (DN 15 – 50) Series 4000, Mod. B	400	2760
1/2" – 2" (DN 15 – 50) Series 7150	275	1900
1/2" – 2" (DN 15 – 50) Series 730S/7300	400	2760
1/4" – 2" (DN 8 – 50) Eliminator, Mod. B	400	2760
1/2" – 3" (DN 15 – 80) Series 6F	400	2760
3" – 4" (DN 80 – 100) Series 7150	275	1900
6" – 8" (DN 150 – 200) Series 7150	275	1900
2" – 8" (DN 50 – 200) Series 9150	275	1900
2" – 6" (DN 50 – 150) Series 9300	400	2760
3" – 8" (DN 80 – 200) Series 730S / 7300	400	2760

Factory Mutual (FM)

Several Jamesbury products for critical plant applications have been approved by the research laboratory of the Factory Mutual Insurance Companies and are listed in the Factory Mutual Approved Equipment Handbook. We will work in liaison with Factory Mutual upon request for approval on the use of products for service categories that are not listed, for products not included among those that are approved, or for assistance in acceptance of arrangements of equipment in which company products are involved.



Hazardous Location Equipment

Our StoneL™ brand limit switches are available in configurations that are approved, filling Nema 4, 4X, 6 and 7 Class I Groups C & D, and 9 Class II Groups E, F and G Div 1 specifications for combined watertight and hazardous location design.

Firesafe Shutoff Valves

Fire-Tite™ Series 7000 ball valves in sizes 1/2" – 2" (DN 15 – 50) and Fire-Tite Series 4000 Mod. B ball valves in sizes 1/2" – 2" (DN 15 – 50) have been successfully subjected to Factory Mutual fire testing and are accordingly approved as Fire-safe Valves.

Emergency Switch Valves

Figure 1075

Refer to Bulletin B132-1 for details.

Burner Management Valves

Figure 1051

Refer to Bulletin B131-1 for details.

Figure 1052

Refer to Bulletin B131-2 for details.

Figure 1058

Refer to Bulletin B131-5 for details

Figure 1059

Refer to Bulletin B131-6 for details

Chlorine Institute



Valmet offers a variety of ball and butterfly valves specially processed to meet the recommendations of the Chlorine Institute as listed in Pamphlet #6 that include design, application, testing, and marking of valves.

For complete information on chlorine service Double-Seal ball valves and Wafer-Sphere high-performance butterfly valves refer to **Bulletins B150-2 and W150-2, respectively.**

American Petroleum Institute (API)

For general applications, valves are available meeting API Standard 608 for design and materials of construction. Fire-Tite ball valves and high-performance butterfly valves are also available meeting API Standard 607 for fire-tested valves.

The Bulletins detail standards that each valve type meets.

Australian Gas Association (AGA)

Valmet has various valve styles available complying with AGA's Automatic Shut-off/ Vent Valves, listed as Figure 1059, and approved under AS 4629. Manual ball valves are also available and approved under AS 4617 and AS 4773.

National Association of Corrosion Engineers (NACE)



Valmet offers a full range of ball valves and butterfly valves, conforming to NACE Standard MR-0103 and MR-0175 for petroleum refining industry applications. These valves are of standard design but have materials of construction that are resistant to the corrosive effects of hydrogen sulfide. Consult the individual Bulletins for details on how to order.

Canadian Gas Association (CGA)

Valmet has various valve styles which comply with CGA standard 3.16 "Lever Operated Non-Lubricated Gas Shut-off Valves." They have been examined for compliance with this standard and listed by ULC or CSA. Refer to the Under-writer's Laboratories of Canada (ULC) and Canadian Standards Association (CSA) sections of this bulletin.

Canadian Standards Association (CSA)



Our Stonel brand limit switches are available in configurations that are approved, filling Nema 4, 4X, 6 and 7 Class I Groups C & D, and 9 Class II Groups E, F and G Div 1 specifications for combined watertight and hazardous location design.

The Figure 1056 & 1057 Automatic Safety Shut-off Gas Valves are approved under ANSI Z21.21 / CSA 6.5 and CGA 3.9.

CSA certification of CGA 3.16 below the ULC qualified to temperatures as low as -76°F and up to 356 °F (-60°C to 180°C), can be accomplished on a case by case request.

Please consult our factory directly for details.

Provincial Registration (Canada)

In accordance with CSA standard B51 (Boiler, Pressure Vessel, and Pressure Piping Code), Jamesbury brand product designs have been registered with the Departments of Labour of Canadian Provinces. Contact the factory for individual Canadian Registration Numbers (CRN).

British Standards Institute



The Jamesbury valves are available meeting the following British Standards:

BS 6755, Part 1: Specification for Production Pressure Testing Requirement.

BS 6755, Part 2: Specification for Fire Type-Testing Requirements

     	Approvals	Comments	VALVE DESIGN																
			ASME B16.34																
			ISO 17292																
			MSS-SP-110																
			PED - European Pressure Equipment Directive																
			API-608																
			API-609																
			EN 12516																
			* Only applies to DIN series																
			PRODUCTION TESTING																
			API-598																
			FIRE-SAFE CERTIFICATION																
			API-607																
			BS-6755, Part 2																
			FM Approved - Manual Fire-safe shutoff																
			ISO 10497																
			GAS APPLIANCES, CONTROLS & EMERGENCY SHUTDOWN																
			Canadian Standards Association (CSA)* & Canadian Gas Association (CGA)																
			CSA 6.5/ANSI Z21.21 & CGA 3.9																
			Australian Gas Association (AGA)																
			AS 4629																
			European Union (EU)																
			EN 161 / EN ISO 23553-1																

Approvals		7000	9000	4000	Eliminator	A-STYLE	Clincher	100	3A / 3C	5H	3000	6F / 6FR / 6FRF	F815 W/L	F830 W/L	F860 W/L	815 W/L	830 W/L	860 W/L
Factory Mutual (FM) Approved																		
Heat Activated Fire-Safe Shutoff - FM Class 7440		✓	✓	✓	✓	✓	✓											
Oil & Gas Shutoff - FM Class 7400 & 7440		✓	✓	✓	✓	✓	✓											
Fuel & Combustion Controls - FM Class 7422		✓	✓	✓	✓	✓	✓											
Underwriters Laboratory (UL) Listed																		
Manual Shutoff - MHKZ		✓	✓	✓	✓	✓	✓					✓						
Compressed Gas Shutoff - YQNZ		✓	✓	✓	✓	✓	✓					✓						
Flammable Liquid Shutoff - YREX		✓	✓	✓	✓	✓	✓					✓						
Gas Shutoff - YRPV		✓	✓	✓	✓	✓	✓					✓						
Anhydrous Ammonia - YQAR		✓	✓	✓	✓	✓	✓					✓						
LP Gas Shutoff - YSDT		✓	✓	✓	✓	✓	✓					✓						

Approvals	7000	9000	4000	Eliminator	A-STYLE	Clincher	100	3A / 3C	5H	3000	6F / 6FR / 6FRF	F815 W/L	F830 W/L	F860 W/L	815 W/L	830 W/L	860 W/L	Comments
Underwriters Laboratory Certified for Canada (cUL)	✓	✓	✓	✓	✓	✓				✓	✓							
	✓	✓	✓	✓	✓	✓				✓	✓							
	✓	✓	✓	✓	✓	✓				✓	✓							
	✓	✓																
	✓	✓	✓	✓	✓	✓					✓							
	✓	✓																
	✓	✓																
	✓	✓																
	✓	✓																
	✓	✓																
Underwriters Laboratory of Canada (ULC) listed	✓	✓	✓	✓	✓	✓												
	✓	✓	✓															
	✓	✓	✓	✓	✓	✓					✓							
	✓	✓	✓	✓	✓	✓												
FUGITIVE EMISSION CERTIFICATION																		
ISO 15848	✓	✓	✓	✓	✓	✓						✓	✓	✓	✓	✓	✓	✓
EPA Method 21	✓	✓	✓	✓	✓	✓						✓	✓	✓	✓	✓	✓	✓
API - 641	✓	✓	✓	✓	✓	✓												
SPECIAL SERVICE CERTIFICATION																		
Association of American Railroads (AAR)	✓	✓	✓	✓	✓	✓					✓							
Canadian Provincial Registration (CRN)	✓	✓	✓	✓	✓	✓	✓	✓**	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Special Equipment Regulation (TSG)	✓	✓																
National Association of Corrosion Engineers (NACE) 																		
	✓	✓	✓	✓	✓	✓						✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓						✓	✓	✓	✓	✓	✓	✓
Chlorine Institute (CI) 																		
Pamphlet #6: Cleaning for Chlorine Service	✓	✓	✓	✓	✓	✓						✓	✓	✓	✓	✓	✓	✓
OXYGEN SERVICE - Compressed Gas Association (CGA)																		
Pamphlet #G-4.1: Cleaning Equipment for Oxygen Service	✓	✓	✓	✓	✓	✓						✓	✓	✓	✓	✓	✓	✓

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