

Jamesbury valves  
Certified reliability for burner  
valve applications



Integrity  
Performance  
Safety



# Fuel Gas & Oil shut-off demands the highest level of valve performance.

There is no compromise when it comes to safety.

## Your benefits with Metso's industrial burner valves

Safety, reliability and durability

- Peace of mind – install and forget

Widest scope of certifications and products

- Global acceptance and flexibility in product selection

Wide selection of options

- Switches, solenoids, actuators, power supplies etc.

All components designed for automation

- To fit, be self-aligning and eliminate side loads

An experienced partner

- Over 50 years experience with oil and gas fired equipment







With Metso high-performance valves, safety is assured and certified. Certification ensures global acceptance of Metso valves in gas and oil fired systems in refineries, petrochemical plants, steel mills, and power plants. The correct valve assemblies not only ensure safety in critical processes, but also improve the efficiency and reliability of operations.

### The importance of certified performance

Certification can only be achieved through rigorous, independent third party testing. Certification is your assurance of quality, reliability, and **safety**. It is not simply a matter of testing and meeting an industry standard. Standards are just that, standard. Standards define the minimum requirements and that is just not good enough when safety and reliability are critical. Our standard is to exceed all expectations, and to make the safest, longest lasting valves available. Certification is an essential part of programs for loss prevention, risk management, and insurance coverage. Clear documentation and product marking is provided to speed up lengthy on-site inspections.

### Our promise of quality and reliability

State-of-the-art safety valves from Metso give you maximum plant uptime with minimum maintenance. The valves maintain full tightness even after years of service. With Metso's unique and patented sealing solutions you can be sure that tight is really tight. Class VI leakage is simply not good enough when handling flammable liquids and gases. There can be no compromise. Zero leakage means zero leaks, period. Even after years of service.

						
	Australian Gas Association	Factory Mutual	Canadian Standards Association	Underwriters Laboratory	Underwriters Laboratory Canada	TUV Rheinland
	AS 4629 AS 4617	Class 7400, 7422, 7420, 7440	CSA 6.5 ANSI Z21.21 CGA 3.9-M94	MHKZ, YRBX, YRPV, YSDT	MFVVC, YSDTC, CGA 3.16-M88	EN161 EN264 ISO-23553-1
Flanged Ball Valves	NPS 1/2 – 6 DN 15 - 150	NPS 1/2 – 8 DN 15 - 200	NPS 1/2 – 8 DN 15 - 200	NPS 1/2 – 8 DN 15 - 200	NPS 1/2 – 8 DN 15 - 200	NPS 1/2 – 6 DN 15 - 150
Thread-end Ball Valves	NPS 1/2 – 2 DN 15 – 50	NPS 1/4 – 2 DN 6 – 50	NPS 1/2 – 2 DN 15 – 50	NPS 1/4 – 2 DN 6 – 50	NPS 1/4 – 2 DN 6 – 50	NPS 1/2 – 2 DN 15 – 50
Weld-end Ball Valves	NPS 1/2 – 2 DN 15 – 50	NPS 1/2 – 2 DN 15 – 50	NPS 1/2 – 2 DN 15 – 50	NPS 1/2 – 2 DN 15 – 50	NPS 1/2 – 2 DN 15 – 50	NPS 1/2 – 2 DN 15 – 50

### Single source responsibility for your safety

Metso valve solutions are designed, engineered, and tested as complete, fully integrated assemblies. Our valves are tested to the breaking point and then pushed far beyond it – until they are perfect. With a wide selection of materials and approvals, Metso offers you certified solutions for your extreme conditions as well: low temperatures, hazardous locations, corrosive atmospheres – and naturally a fire safe design. When dealing with a single source supplier, you are not only guaranteed reliable products, but most importantly, full support is only a phone call away.

### Your reliable partner for oil & gas shut-off valves

The widest scope of globally certified, manual and automated valves provides you the flexibility to configure the specific product you need. Compact assemblies to fit within tight spaces, faster operation for safety shut-off and vent valves, specific electric switch settings, just tell us what you need. If we do not have it already, we will make it for you. With more than 50 years of experience and tens of thousands of industrial burner valves supplied globally, we offer services all the way from initial valve selection to after sales support, training, and expert service – whenever and wherever in the world you need it.

- Capable of SIL3 per IEC61508
- Available with Neles ValvGuard for partial stroke testing and diagnosis
- Fire Safe per API-607
- Certified low fugitive emission per ISO-15848 and TA-Luft

A solution is more than a collection of components

- Single source responsibility
- All components preselected and verified by us
- Complete units/valve assemblies are certified
- Speeds up the on-site approval process
- Reduces engineering costs of entire project





Metso's leading valve brands, Neles®, Jamesbury®, and Mapag®, have a long history of delivering engineered performance and reliability to the oil & gas industry. In nearly 90 years, Metso has delivered millions of control and on-off valves globally, and is a top supplier of intelligent positioners and safety valve controllers.

All of our experience is backed with field support from over 55 service hubs around the world. Our valve technology and supply centers are located in Finland, USA, Germany, China, South Korea, India, and Brazil.

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