

*A Long Experience in Energy Equipment and one Goal:*

*The Customer's satisfaction.*



VALVITALIA MEANS HEART



[www.valvitalia.com](http://www.valvitalia.com)

# VALVITALIA GROUP

An innovative supplier to the energy, marine and civil industries.

VALVITALIA is an Italian manufacturer of valves and other energy equipment.

Italy, historically, has been the Country with the largest number of manufacturers in this field and it has always provided excellent engineering services. Long experienced management, quality, performance, availability of large inventory and full dedication to the customer's satisfaction differentiate VALVITALIA from the competition. The Group can provide discrete products, complete packages and pre-assembled skids. All this accompanied by attractive financing packages.



## Pavia Plant

The plant has been operating since 2002 and it is equipped with advanced and impressive facilities such as:

- a climate testing room which can offer hot and cold temperature (-50 deg C up to +80 deg C) testing of ball valves up to 48" class 600;
- testing benches for valves up to 60";
- automatic sub-merged 2 heads weld machine for welding valves up to 60" and over 30 tons.

### Products

- Side Entry Ball Valves from 2" up to 60"
- Top Entry Ball Valves from 1/2" up to 60"
- Fully Welded Ball Valves



Side Entry Ball Valves



Top Entry Ball Valves

- Butterfly Valves
- Plug Valves
- High Performance Butterfly Valves



AUTOMATION • DIVISION

## Pavia Plant

Since 2004 Valvitalia Automation Division has been manufacturing all types of actuators. All the actuators are ATEX and PED certified. Thanks to this product line, VALVITALIA Group is able to provide clients with the complete unit, composed of valve, actuator and control panel.

### Products

- Gas Over Oil Actuators
- Pneumatic Double Acting Actuators
- Pneumatic Spring Return Actuators
- Hydraulic Double Acting Actuators
- Hydraulic Spring Return Actuators
- Electric Actuators



Gas Over Oil Actuators



Electric Actuators

- Sub Sea Actuators
- Hydraulic Power Units
- Dampers
- Control Panels
- Gear Operators
- Fire proof Boxes



CONTROL VALVES • DIVISION

## Pavia & Padova Plants

Our Control Valves Division, in operation since 2004, is specialized in the design and supply of a complete range of control valves to fulfil all of the process control applications including power stations, oil and gas distribution, chemical and petrochemical industries.

The range of control valves has been extended to include both rotary and linear styles without limitations of use. Particular attention has also been paid to turbine by-pass processes where the PRDV patented design has successfully fulfilled severe applications in some important power stations.

### Products

- Ball Control Valves • Globe Control Valves
- Special Cage Control Valves



LTG3



CB Ball Control Valves

- Globe Angle Style Valves
- Three-way Control Valves
- Steam Conditioning Control Valves
- Double Eccentric Butterfly Control Valves





SYSTEMS • DIVISION



## Padova Plant

Established in 1907, Tormene Gas Technology is a successful Company which for many years has been dedicating its activity to the design and production of ball valves and natural gas treatment equipment for gas distribution, industrial and power generation applications, offering a large variety of products and a high degree of customisation. In 2010 TGT Division changed name into Valvitalia Systems Division.

### Products

- Metal-to-Metal Non-Contact Ball Valves (Konosphaera) from 2" up to 24"
- Pig Launching and Receiving Traps
- Filters (KO Drum, Scrubber, Cartridge Vane Mist Extractor, Dual Stage)
- Heating Systems (Shell & Tube, Indirect Water Bath Heater, Electric Heater)
- Gas Pressure Regulators from 1" to 12"
- Safety Shut Off Valves from 1" to 12"
- Pig Valves (top entry and side entry)
- Skid Mounted Gas Filtering, Regulating & Metering Stations
- Manifolds
- Surge Relief Valves and Skids
- Multiway Selector Valves
- Multiway Manifold Skids



Pig Valve



Konosphaera



Gas Station



Pressure Regulating Line



Scraper Launcher & Receiver Traps



Ultrasonic Metering System

## Vicenza Plant

Since 1965 VITAS has been manufacturing valves in accordance with API 6A, API 6D and API 600 std, in a range from 1/2" to 72" in all ratings and materials. Each valve is supported by a consolidated know-how developed during many years of research. VITAS can design and manufacture "taylor made" valves in order to suit specific requirements thanks to a great flexibility.

### Products

- Forged Gate, Globe and Check Valves from 1/2" up to 18"
- Gate Valves from 2" up to 84"
- Globe Valves from 2" up to 30"
- Check Valves from 2" up to 80"
- Expanding Gate Valves from 2" up to 48"
- Cryogenic Valves from 2" up to 36"
- Pressure Seal Valves from 2" up to 36"
- Through Conduit Gate Valves from 2" up to 72"



Plate fabricated through conduit gate valve



Cast Gate Valves



Forged Valves



Swing Check Valves



Cryogenic Valves



Through Conduit Expanding Gate



## Piacenza & Arena Po Plants

TECNOFORGE Division is a first class fittings and flanges manufacturer since more than 50 years. With a capacity of more than 30 thousand steel tons per year in two technologically impressive plants, Tecnoforge can produce every kind of flanges and butt weld seamless or welded fittings from half to 108 inches in every material grades and up to 120mm wall thickness. Tecnoforge can also manufacture special forgings on a customers design basis. One of the world largest and advanced heat-treatment facilities together with a dedicated independent internal analysis laboratory can ensure the highest quality to our Customers. The laboratory is equipped to prepare test samples and performance of chemical analysis, mechanical and corrosion tests. A wide stock range of both finished products and raw materials gives us the opportunity to guarantee quick delivery at competitive conditions.

### Fittings product range:

- Long & Short Radius Elbows
- Straight & Reduced Tees
- Barred, Lateral & Sphere Tees
- 3D & 5D Bends
- Y Pieces
- Caps
- Crosses
- Eccentric & Concentric Reducers

### Flanges product range:

- Welding & Long Welding Neck
- Blind
- Socket Welding
- Threaded
- Spectacles, Spade & Spacers
- Orifice
- Swivel Ring
- Slip-on
- Lap Joint
- Anchor
- Welding Nozzle

### Material Grades for Fittings & Flanges:

- Carbon Steel, High Yields (up to WPHY80/F80), Stainless Steel, Nickel & Low Nickel Alloy, Duplex, Super Duplex, Cu-Ni, Titanium



Elbows



Tees in Cu-Ni



Y piece



WN 6 2500 duplex + inconel overlay

## Piacenza Plant

Tecnoforge Systems Division has been in operation since 2006. This division has been created to increase Valvitalia Systems Division production capacity, manufacturing and assembly the following products:

### Products

- Skid Mounted Gas Filtering, Regulating & Metering Stations
- Pig Launching & Receiving Traps
- Heating Systems • Filters • Drain tanks



Launching and Receiving Traps Seal Gas Skid



NUOVA GIUNGAS

MONOLITHIC ISOLATION JOINTS | Engineered. Safe. Durable.

## Modena Plant

Nuova Giungas, founded in 1965, is a global leading designer and manufacturer of monolithic isolation joints. Its products deliver superior performance in cathodic protection to oil and gas pipelines. The Company is very well known in the sector due to its involvement in numerous important and challenging projects all over the world.

### Products

- Monolithic Isolation Joints from ½" to 130"







FIRE FIGHTING • DIVISION



&



EUSEBI IMPIANTI  
AUTOMATIC FIRE FIGHTING SYSTEMS

## Ancona Plant

Silvani and Eusebi have a wide international experience in safety and protection against fire with more than 80 years of activity worldwide. They are global leading Italian manufacturer of fire fighting systems for railway, civil, naval and Oil&Gas industries. Silvani and Eusebi are both well known and appreciated thanks to several and important references reached during their long and successful story.

### Products

- Water Systems • Foam Systems • Powder Systems • Fire Fighting Equipment • Monitors • Trucks
- Gas, Flame detection & Alarm • Rimseal Systems • Unit for High-Risk Protection • H<sub>2</sub>O Systems • Water Mist Systems
- Gas Extinguishing Systems • CO<sub>2</sub> Systems • Fire & Gas • Self contained solutions • Safety Equipment
- Commissioning, Start-Up and After Sales Service



High flow unit for high risk protection



Monitor



FoamWater Spray, Control Valve Skid



Fire Fighting Trucks



Cryogenic Tank - CO<sub>2</sub> Low Pressure  
Fire fighting System



Water Mist



High Expansion Foam System



Fire and Gas detection System  
Control Panel CS400



CO<sub>2</sub> High Pressure  
Fire Fighting Systems



Self Contained Rim Seal  
Fire Fighting System

## Fire Fighting Testing Area - Piacenza Plant

It is one of the biggest and most performing Fire Fighting Testing Area in the world. It is a no environmental impact Area developed in compliance with the latest quality, health and safety standards and according to the latest and most challenging best practices. Here is where Silvani and Eusebi can test fire fighting solutions on real fire! They can test high performance equipment by launching water up to 170 m at 60.000 litres per minute, the intervention of fire fighting vehicles, high pressure water mist systems, high expansion foam generators thanks to a special pool, and much more. The area is also available for the Italian fire brigade, the civil defence and all the other government entities upon request.



Fire test with twin-agent foam powder wheeled unit ta 100-100



Fire test with high pressure water mist system



## Hull, UK Plant

Valvitalia-Broady brings to the Group an established range of Safety Relief Valves and a proven track record of supplying products to the Naval Defence market. The plant is located on the North Sea coast of East Yorkshire, UK and offers additional support to off-shore operators from UK and Norway. Trading since 1902 in a wide range of global industries, especially oil and gas, Valvitalia-Broady offers exceptional experience and knowledge to customers. The in-house foundry uses the latest moulding and melting equipment and techniques to produce castings to the highest standards.

### Products

- Safety Relief Valves
- Relief Valves
- Reducing Valves
- Marine Valves
- Hydrant Valves
- Sustaining Valves



Marine Valve



Safety Relief Valve



Pilot Operated Safety Relief Valve

## Edmonton Plant

VALVITALIA CANADA Ltd. - This plant works jointly with Valvitalia S.p.a. and Valvitalia Automation Division in Italy, in order to give additional support to all of our North American Customers, to establish an even stronger local cooperation and to maintain the high quality of the products that distinguishes our Group from our competition. A center point for all of the Valvitalia Group products for our Canadian and American Customers.

### Products

- Gas Over Oil Actuators
- Pneumatic Actuators
- Hydraulic Actuators
- Electric Actuators



Gas Over Oil Actuators

## Suzhou Plant

Valvitalia China has been operating since 2007 and manufactures all type of valves with a special focus on the Down Stream application. All valves produced are engineered and quality controlled by Valvitalia S.p.A., in Italy.

### Products

- Ball Valves
- Plug Valves
- Check Valves
- Multiway Selector Valves
- Globe Valves
- Gate Valves
- Safety Relief Valves
- Electric Actuators
- Pneumatic Actuators
- Hydraulic Actuators



Plug Valves



Multiway Selector Valves



Top Entry Ball Valves



Side Entry Ball Valves





### Our Other Brands



DIVERSIFIED ENERGY PRODUCTS



HYDROS



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**Piacenza Plant**



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**Edmonton Plant**



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**Hull, UK Plant**



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**Ancona Plant**



**Valvitalia S.p.A. - Fire Fighting Division**

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**Suzhou, China Plant**



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