

Safety and Relief Valves

High Discharge Capacity & Reliability

Since 1964 Nuovo Pignone has produced and supplied Safety and Relief Valves for the Oil & Gas and Power Generation Industries. Nuovo Pignone valves are designed and manufactured to provide high discharge capacity and high reliability under challenging operating conditions. Valves are designed in accordance with API RP 520/ASME VIII and have ASME UV and CE-PED certifications.

Wide Range of Applications

With a worldwide installed base of more than 40,000 units, Nuovo Pignone is a leader in the supply of Safety and Relief Valves for a wide range of applications:

- **Petrochemical & Refinery**
- **Oil & Water Pipelines**
- **Water Injection**
- **Fertilizer Applications**
(Ammonia & Urea plants)
- **Power Generation**
(ASME VIII)
- **Gas Reducing & Metering Systems**
- **Cryogenic Services**
(Air fractionation, Oxygen, etc)

Manufacturing at the Highest Quality

GE Oil & Gas Nuovo Pignone has extensive valve manufacturing capacity. The plants feature state of the art manufacturing technology for all machining, welding and finishing processes, and a Quality Management System for all the products and services supplied.

Global Services for Customer Satisfaction

GE Oil & Gas guarantees complete Service & Maintenance Assistance all over the world.

Global Services include: Technical Assistance during on-site erection, commissioning and start-up, Training, Spare Parts availability, High-Tech Repairs, Conversions, Modifications & Upgrades (CM&Us) of existing units Contractual Service Agreements (CSAs), and Extended Warranty.



Design Base Standards

- Size & Rating according to API 526
- Design, Manufacturing & Test to API 526 & 527
- Conventional Spring Type for Liquid, Gas and Steam Service
- Materials according to ASTM/ASME VIII
- Great Variety of Inlet Connections
- Adjustable Blowdown
- Discharge Coefficient Certified by ISPESL(0.975) & ASME(0.95)

Special Components and Accessories

- Improved Sealing Discs
- Lifting Devices
- N.A.C.E. Code
- Steam Jacket Body
- Limit Switch
- Balancing Bellows

Materials

- Internal Parts :**
- Stainless Steels (304, 316, 17 4 PH, 420)
 - Hastelloy B & C (Extremely corrosive acids, oxidant fluids)
 - Stellite, Monel, Bronze (Hardness, salts and organic substances, low temperatures)

- Bodies :**
- Astm A216 WCB (Great strength for all purposes)
 - Stainless Steels (Resistance to corrosion)
 - Alloy Steels (For temperature over 400°C)

Model

- 5000 Series Flanged

Certification

- ASME UV
- CE - PED

*High Discharge Capacity
& Reliability*

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Wide Range of Applications

Global Services for Customer Satisfaction



GE Power Systems
Oil & Gas

Nuovo Pignone S.p.A.
Via Felice Matteucci, 2
50127 Florence - Italy
Tel. +39-055-423-211
Fax +39-055-423-2800
e-mail: info.geoil&gas@np.ge.com
www.gepower.com/geoilandgas

Pumps, Valves and Systems Sales Office
Strada Provinciale per Modugno, 10
70123 Bari - Italy
Tel. +39-080-5051-475
Fax +39-080-5051-272



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Oil & Gas
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VALVES**



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