Dedication to delivery
More than a cryogenic valve, a proven and integrated solution to your need in a harsh environment.

SNRI has specialized for ages in low and medium pressure globe, gate, check valves and safety equipment for industrial valves. SNRI has also supplied for several decades harden cargo valves for LNG carriers, chemical tankers. With its internal Design Department, SNRI develops innovative products compliant with customers' needs and fully integrated with the process system.

As a result of long experience of supplying LNG valves, SNRI with VALCO VALVES SERVICES, is now expanding its activities in the After Sales Services. With a qualified team, we are able to offer you the best services in terms of supervision, overhauling and preventing maintenance during dry docking and commissioning.

With more than 200 LNG carriers in service with its cryogenic globe, gate and check valves, SNRI is able to offer the best for your LNG Fleet in terms of performances, reliability and with a minimized maintenance.

With a new range of stainless steel actuators developed with our experience, SNRI is able to supply a unique range of cryogenic valves toughened for Marine application, including LNG FPSOs.

SNRI and Malbranque can also offer a complete package to Oil FPSO, including chokes valves with high level requirements (sour gas, ...)

SNRI is located at Ruffec in South West of France.
SERVICES SUPPORT

Our Services does not stop with the completion of the installation and commissioning of the cryogenic valve package according to the requirements of shipyards. To keep the high performances of your cryogenic valves, our dedicated Servicing Company VALCO VALVES SERVICES is able to propose a specific Support plan according to your Maintenance policy.

Coordinated from our Sales Offices in SNRI, the VVS team can operate and support you in any dry dock in the world with genuine spare parts (to ensure valid classification type approval).

Our Service Engineers are fully trained for the Valves Maintenance and continuously work for Industrial applications with difficult environment (Petroleum and Offshore platforms, Nuclear power plants). Their polyvalence and high skills knowledge allow them to perform preventive and curative maintenance for any type of valves and actuators, including butterfly valves and control valves.

We are also able to offer service at sea from load to discharge ports or if the LNG carrier is laid up, either than training as VALCO VALVES SERVICES is recognized as an official Training Center.

Also available is a cryogenic valve serviceability review and replacement including retrofit or overhaul of the main cryogenic cargo discharge valves. We are able to propose a complete revamping program, including replacement of obsolete actuators by last up to date design.
Cryogenic globe valve
- Pressure rating: ANSI Class 150/300
- Temperature range: +200 to -196°C
- Size range: DN15 to 400
- Material: Stainless steel CF8M and CF3M
- Types: Flanged and Butt Welded
- Services: On/Off and throttling service in LNG systems

Cryogenic gate valve
- Pressure rating: ANSI Class 150/300
- Temperature range: +200 to -196°C
- Size range: DN50 to 400
- Material: Stainless steel CF8M and CF3M
- Types: Flanged and Butt Welded
- Services: On/Off service in LNG systems
- Option: Lockable device for safe operating with a manual gauge level

Cryogenic check valves
- Pressure rating: ANSI Class 150/300
- Temperature range: +200 to -196°C
- Size range: DN25 to 500
- Material: Stainless steel CF8M and CF3M
- Types: Flanged and Butt Welded
- Services: Lift, check and duo types in LNG systems
High Pressure valves for Oil & Gas

- **Pressure rating**: ANSI Class 900/2500
- **Temperature range**: +450 to -196°C
- **Size range**: DN50 to 400
- **Material**: Stainless steel CF8M and CF3M, Duplex, WCB, LCB, LCC
- **Types**: Flanged and Butt Welded
- **Services**: On/Off and throttling service in NG or Oil systems for FPSO

Actuator

- **Size range**: For globe & gate valves from DN25 to 400
- **Material**: Stainless steel 316
- **Types**: Hydraulic and pneumatic
- **Services**: On/Off and throttling service

Dedication to delivery
TEST CONTROL CAPABILITIES

Test benches

at ambient temperature
Water tests
Air tests
Helium tests
Nitrogen tests
Pressure test pool
(pneumatic)

at cryogenic temperature
Down to -196°C

NDE facilities
Visual examination
Dye penetrant
Ultrasonic testing
X-rays
Magnetic particle examination
Positive material identification
Thickness measurements
Hardness testing
Any other specific on test demand
MAIN REFERENCES
SNRI IS PROUD TO HAVE SUPPLIED TO THE LIKE OF:

Samsung Heavy Industries
Hyundai Heavy Industries
Daewoo Shipbuilding & Marine Engineering
BP Shipping
MISC
Total
Kawasaki Heavy Industries
Hudong Zhonghua
Mitsubishi Heavy industries
...

QUALITY CERTIFICATION

ISO 9001 – 2000
CE MARKING
API 6A, 6D, API 600
FIRE SAFE DESIGN
GOST
DNV
CLASS NK
LLOYD’S REGISTER
BUREAU VERITAS
ABS

Construction standards
API 6A, API 6D, API 600
ASME B31.1, B31.3, B16.5, B16.10, B16.25, B16.34, Section VIII, Section IX
ASTM as per client’s request
MSS SP25, SP55, SP61, SP82

Dedication to delivery