



## INDUSTRIAL VALVES BENCHMARK

*Complying with the all solutions  
for industrial valves, maintenance,  
special designs, engineered  
valves, severe applications and  
commercialization of on-off  
valves, pressure safety valves  
and control valves.*

**ISO 9001:2015** ✓  
Quality

**ISO 14001:2015** ✓  
Environment

**OHSAS 18001:2007** ✓  
Safety & Health

**ISO 19600:2014** ✓  
Compliance

**ISO 37001:2017** ✓  
Anti-bribery



**BRTUV**

**SEEPIL<sup>®</sup>**  
**V A L V E S**

*credibility serving maintenance*



## **CREDIBILITY SERVING MAINTENANCE**

SEEPIL had born in 1977 to be distributor of one of biggest manufacturer of pressure safety valves in the world. The success and competence performed at that time made that the market request to us to assemble a workshop to also attend the demanded maintenances, so, in 1981 the first workshop of SEEPIL were inaugurated in São Paulo. In 1985, SEEPIL had improve them portfolio, developing infrastructure to provide maintenance for on-off valves. On beginning of 2000's, SEEPIL start a contract with Petrobras and assemble your branch facility in Rio de Janeiro. Some years after that moment, SEEPIL was requested by market to provide new workshops, placed in Santos, Vitória, Salvador and Recife. Currently the head quarters office is placed in Jandira, State of São Paulo (BRA). The operational workshop is placed in Duque de Caxias, State of Rio de Janeiro (BRA) and trading office is placed in Miami, State of Florida (USA).

Historically, SEEPIL had perform valves duties on the main infrastructure projects of Brazil, regarding to news electrical thermo plants, refineries, terminals, paper factories, fertilizer factories and several revamps, working together with EPC Companies. Several awards and public recognizes were received by SEEPIL during all these years, which represent an extremely proud to the all employees, recognizing how serious SEEPIL works.

Today SEEPIL is recognized as benchmarking by competitors and customers. Owners of complex process plants look to work with SEEPIL due to credibility and customized attending. On oil & gas, chemical industry, rubber and electro thermo plants we have several contracts per very long time. Also, to show how competent we are, we have relationship as authorized service center with the main manufacturers of valves around the world. Our quality management system is certified on standards ISO 9001:2015, ISO 14001:2015 and OHSAS 18001:2007. Those customers which do not know SEEPIL, when give us the opportunity, will feel confident that is found an excellent partner which will take care of them equipments.

## **MARKETS ATTENDED**

- **OIL & GAS INDUSTRY**
- **PETROCHEMICAL INDUSTRY**
- **CHEMICAL INDUSTRY**
- **ENERGY THERMO PLANTS**
- **ENERGY HYDRO PLANTS**
- **COMPRESSED GASES INDUSTRY**
- **RUBBER INDUSTRY**
- **PAPER AND CELLULOSE**
- **STEEL AND FOUNDRY INDUSTRY**
- **MINING INDUSTRY**
- **SUGARCANE INDUSTRY**
- **PHARMACEUTICAL INDUSTRY**
- **FOOD AND BEVERAGES INDUSTRY**
- **WOOD TREATMENT INDUSTRY**



# OUR SERVICES

## SEEPIL VALVES

### MAINTENANCE OF INDUSTRIAL VALVES



### MAINTENANCE OF CONTROL VALVES

We dispose of specialized technical team to provide solutions on field or inside our facility. We are able to present diagnoses, complete overhaull on valves operated by:

- **Electrical actuation**
- **Air driven actuators**
- **Hydraulic actuators**
- **Smart positioners (analogic and digital signals)**

### SEEPIL VALVE CARE



### MAINTENANCE OF ON-OFF VALVES

With the improvement of pre-salt on oil market, which demands high pressure and engineered valves, SEEPIL had follows the evolution and invested on trainings nd infrastructure. Our testing resources is ready to attend tests up to 35,000 psi, regarding valves classified by API 6A (class 20,000 psi) and nominal diameter up to 36 inches. This investment regards to numbers which over one and a half millions of dollars and allows SEEPIL to be specialist on maintenance of the following valves:

- **Ball valves**
- **Sliding gate valves**
- **Butterfly valves**
- **Globe valves**
- **Check valves**
- **Gate valves**
- **Plug valves**
- **Production choke valves**
- **Water injection choke valves**
- **Twin seal valves**
- **Valves for drilling column**
- **Choke & kill valves**

### MAINTENANCE OF PRESSURE SAFETY VALVES

SEEPIL is ready to attend them customers on field. Besides our high skilled team, the all tools, testing benches, lapping devices and any other demanded resource is provided by SEEPIL, including computers and printers to issue the reports in immediately lead time. With us, the customer will do not have any type of boring. Inside SEEPIL's facility the customer will be attended with the same level of excellence. The following type of pressure safety valves we have on our portfolio of regular attending:

- **Relief valves**
- **Balanced and non-balanced PSVs**
- **Vacuum breaker valves**
- **Flame arrester valves**
- **Anti detonation valves**
- **Pilot operated PSVs**

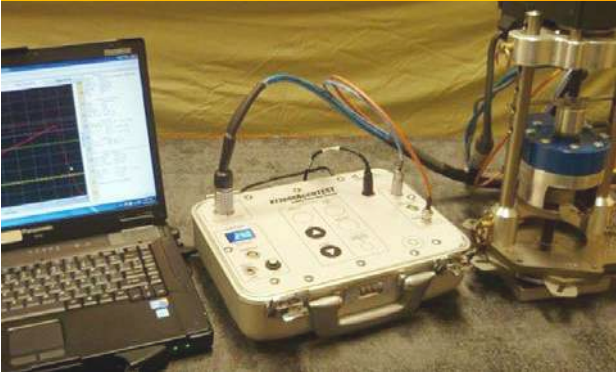
SEEPIL VALVE CARE is an online program developed by our engineering team. The intention is to make easy the access of the data issued during and after our interventions or inspections interventions.



SEEPIL's customers gain a profile & password and can recover the registers when is necessary, anytime. This access allows to see and download reports issued by us and holded on our data base.

The program is online, can be operated by any computer on any part around the world. Regards to a self explain tool, based on filter conditions. Due that is not necessary to have specific training to use it, saving time on customer's activities.

# ONLINE CALIBRATION MACHINE FOR PRESSURE SAFETY VALVES



- Automatic machine, reducing human mistakes
- Tests performed with the valve in operation, providing immediate benefits
- Not necessary to provide overpressure on process
- Not necessary to stop the process
- Quick way to identify problems and diagnose incorrect set pressure
- Extremely high precision. Calculates the set pressure with 0,5% of uncertain
- Complying with ASME code
- Light and portable solution

# MOBILE WORKSHOP CONTAINER



Regards a mobile workshop, which allows SEEPIL to perform them solutions in site. Could be on terminals, refineries, factories, offshore units (vessels and oil rigs, complying EN 12079-1 & DNV 2.7-1), etc. Our mobile units are fully equipped with resources for planning, controlling and issue of certificates. It is composed by the following resources:

- Benches for pneumatic and hydraulics tests
- Resources for cargo handling
- Benches for manual jobs
- Lapping plates
- Mechanical lathe
- Sand blasting cabinet
- Hand tools
- Pressure gauges
- Consumables and seals
- Industrial gases

# TECHNICAL ASSISTANCE ON FIELD

Our team is skilled to provide solutions in site. For offshore attending, our technicians have the all mandatory trainings to goal, ie., Brazilian NRs, medical care (ASO), T-Huet, Offshore Safety & Emergency Response (CBSP), etc.

# PRODUCTS

## SEEPIL VALVES



With over than 40 years of know-how, Seepil conquered the recognition on the Field of valves in the whole country and also in foreign countries. Its continuum improvement in technical assistance and maintenance brought the trust of the biggest enterprises in the major industrial sectors. Seepil uses cutting-edge technologies in all of its equipments and keep partnership with the main brands, ensuring quality to its services and commercialized products. Available stock.

## DISTRIBUTION, TECHNICAL ASSISTANCE AND MAINTENANCE



- Solutions for safety on tanks and vessels
- Pressure and vacuum relief valves
- Arrester and detonation valves
- Blanketing regulators for inertization of tanks
- Complete solution for biogas processing



- Rupture discs
- Supports and holders
- Burst disc indicator



- Air driven hydraulic pumps (pressure up to 33,500 psi)
- Air driven gas boosters (pressure up to 10,300 psi)
- Accessories for high pressure



- Tubings and fittings for ultra high pressure (up to 150,000 psi)
- Valves for ultra high pressure
- Accessories for ultra high pressure



- Flanges and accessories for Grayloc connectors
- Flanges and accessories for Norsok compact flanges

## AUTHORIZED SERVICE CENTER

SEEPIL is recognized as service center by some of main international manufacturers of valves. On this section we present the most famous global manufacturers. Our technicians are skilled on them procedures and on main international standards. Our internal procedures are based on this issues. The customers always feel comfortable with SEEPIL, due to high skilled team, application of original spare parts and credibility which our more than 40 years bring to us.







## SEEPIL / RIO - Rio de Janeiro Operational Facility

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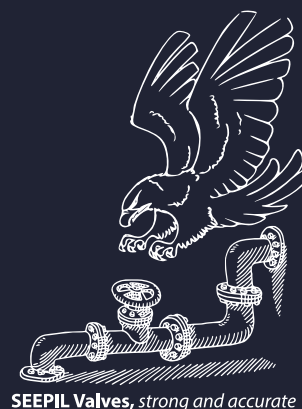
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