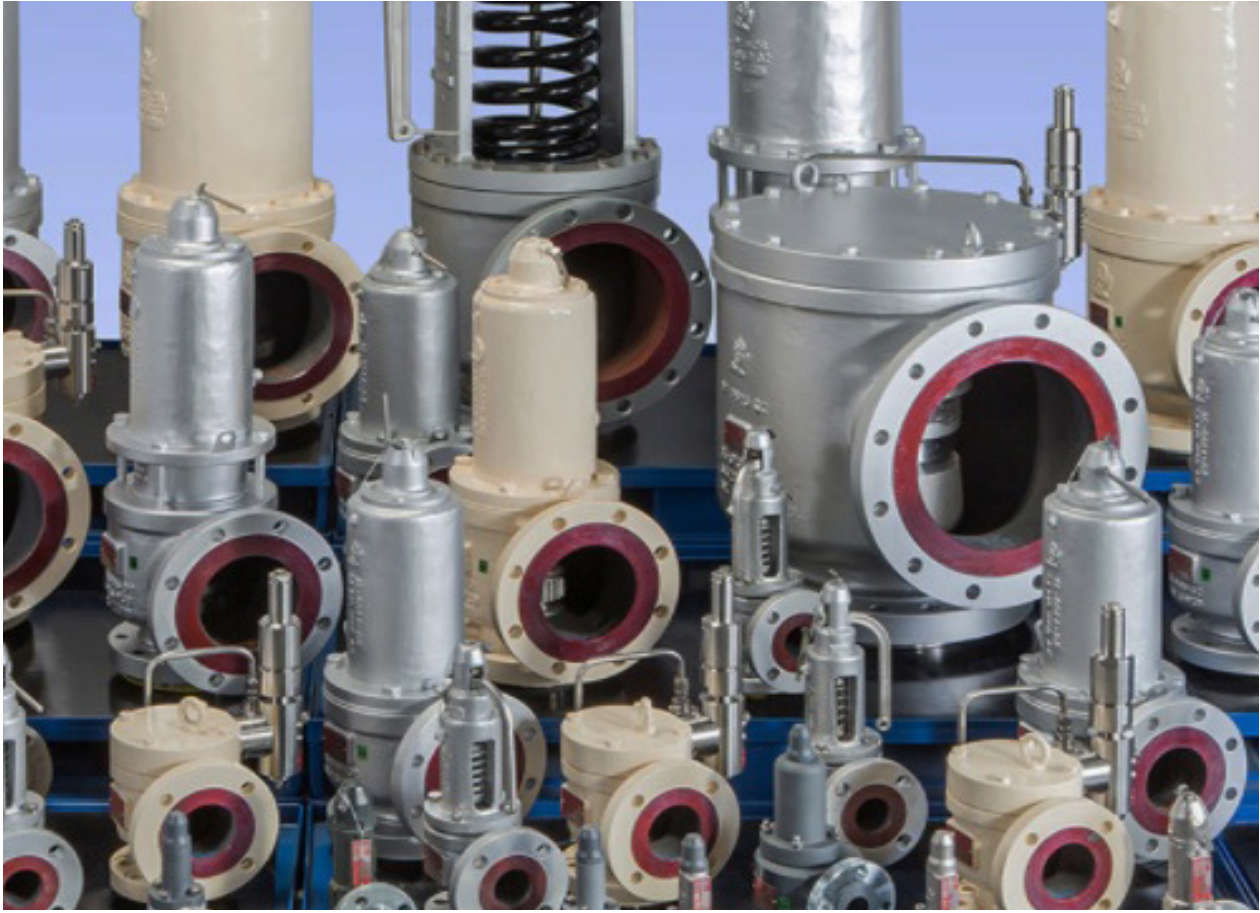




Process Safety Equipments

Safety & Breather Valves, Flame Arresters
Bursting Discs



WHAT WE CAN OFFER FOR YOU

INTERVES can provide process safety equipments within four main categories.

**“Safety Valves, Breather Valves,
Rupture Discs, Flame Arresters”**



SAFETY VALVES

Safety Valve is a type of valve that automatically actuates when the pressure of inlet side of the valve increases to a preset pressure value that is specific to the mounted vessel by discharging the medium (liquid, steam or gas) of the vessel.



BREATHER VALVES

Breather Valves, are special types of Relief Valves which are specifically designed for tank protection. The range includes pressure only, vacuum only and combined Pressure/Vacuum Valves, all available with flanged outlets or vented to atmosphere.



RUPTURE DISCS

A rupture disc, also known as a pressure safety disc, burst disc, bursting disc, or burst diaphragm, is a non-reclosing pressure relief device that, in most uses, protects a pressure vessel, equipment or system from overpressurization or potentially damaging vacuum conditions.



FLAME ARRESTERS

Flame Arresters which are devices which allows gas to pass through it but stops a flame in order to prevent a larger fire or explosion.

We Protect Your Valuable Assets

- STORAGE TANKS
- REACTORS
- HEAT EXCHANGERS
- PRESSURE VESSELS
- PIPING SYSTEMS
- TOWERS
- DRYERS



MAINTENANCE SERVICES

INTERVES can provide maintenance and calibrations services for safety valves, breather valves and flame arresters.

“Certified Maintenance Services”



CALIBRATION

Calibration of safety valves and breather valves according to manufacturing name plate details.



THIRD PARTY CERTIFICATION

3rd Party witnessing on calibration and seat tightness tests of safety valves and breather valves.



INSPECTION

Field inspection activities according to designated standards and technical specs.



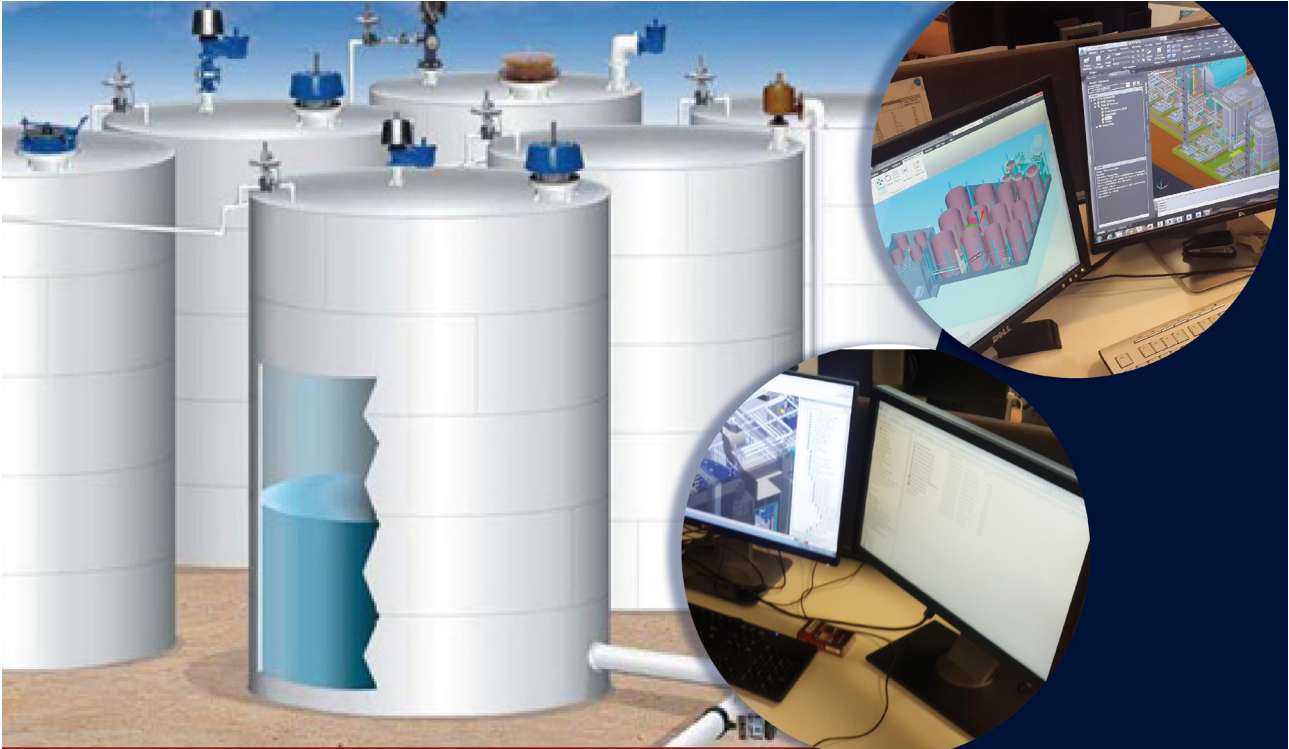
REPORTING

Reporting of calibration and maintenance activities with digital graphs, videos and technical inputs. Cloud saving system.



MAINTENANCE ACTIVITIES

Surface treatments, re-set activities, painting and sealing of equipments.



Engineering

INTERVES has engineering capability that provides solutions to the facility owners during selection of best equipment protection system and system details as listed below.

Data Sheet Preparation

The creation of the Data Sheets is basically the first link in a healthy procurement and operation process. Inaccurate or incorrect information means the selection of products that are not suitable for the process and, most importantly, that the equipment is not protected effectively and accurately. INTERVES technical experts support our customers by making technical visits and selecting the right product and system.

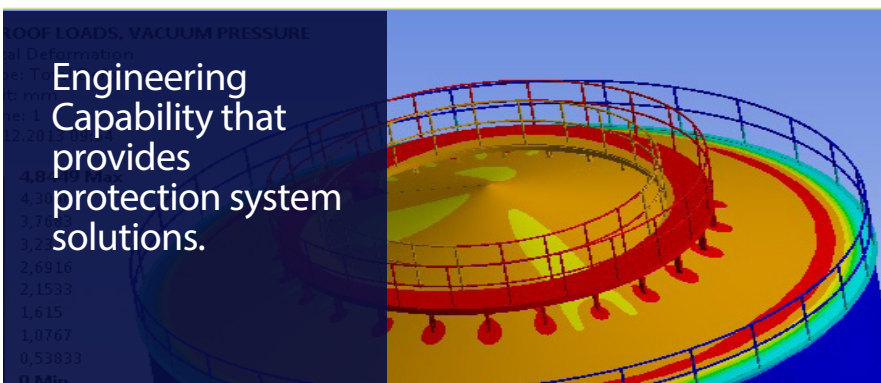
Venting Calculation & Analysis

Ventin Calculations are the accounts of how much evacuation openings should be in order to prevent internal pressure increase during normal operation of equipment or in case of fire. API 2000 for pressure storage tanks, API 520 and AD 2000 Code for pressure vessels are available. As INTERVES engineering team, by making these calculations, we deliver these reports to our customers by means of related software so

that your equipment can not be damaged under the normal operation conditions and even by a possible fire or exothermic reaction.

Equipment MAWP Calculations

Equipment MAWP Calculations are performed to determine the critical pressure values during normal operation and emergency venting. The most important issue when selecting protective equipment is the set pressure and set vacuum values of the vent system. No equipment design has been carried out according to the standards or If the strength limits are not clear, our expert engineer staff can calculate the pressure vessels, reactors, storage tanks and pipelines considering the current state of the max. strength limits are determined. In this way, incorrect set pressure value selection is eliminated, risks and product losses are minimized.



Engineering Capability that provides protection system solutions.

Sectors



Chemical Plants

Many of the chemical plants have aggressive products, process liquids and gases that can cause major damage to equipment and pipelines in a short time. Therefore, if these facilities are not under control, if the necessary protective equipment is not selected and maintained by a professional approach, the risk will increase significantly. As INTERVES, we provide professional services for the selection and periodic inspection and maintenance of equipment and plant protection products to minimize this risk and ensure that



Power Plants

Natural gas cycle power plants, geothermal power plants, thermal power plants, pressure lines and equipment are included in the energy sector. Safety valves and similar products are used for the protection of all these assets. As INTERVES, we perform calibrations or maintenance of protective safety valves during operation or stopping at all power plants. In this way, the facility improves asset security and enables our customers to continue their operations safely.



Mining Industry

Many of the mining facilities have aggressive products, process liquids and gases that can cause major damage to equipment and pipelines in a short time. Therefore, if these facilities are not under control, if the necessary protective equipment is not selected and maintained by a professional approach, the risk will increase very much. As INTERVES, we provide professional services for the selection and periodic inspection and maintenance of equipment and plant protection products to minimize this risk and ensure that our customers continue their operations in a safe manner.



Oil & Gas Industry

Safety valves, explosion discs, pressure vacuum valves and flame arrestors that protect static equipments and pipelines used in the oil and gas sector are of great importance in environmental health and financial. Possible failures can lead to very large environmental disasters and financial damage. It is vital that these equipment should be fit and fulfill their duties in the required specifications in such facilities where stoppages are not intended to be experienced. We provide services in the fields of product engineering, product sales, calibration and testing to product maintenance for oil and gas plants.



CONTACT INFO

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