



BROCHURE

Safety Valve On-Line Testing
without interruption to plant operation



**FOR ON-LINE
SAFETY VALVE
TESTING**



OUR SERVICES

- ON-LINE SAFETY VALVE TESTING
- OFF-LINE SAFETY VALVE TESTING
- SAFETY VALVE SERVICING & MAINTENANCE
- ON-LINE LEAK SEALING SERVICES

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ABOUT US

Tech Services has wide, service and maintenance, expertise with a team of experienced engineers and technicians skilled in safety valve. Test can be done in all Boiler safety valves, Super Heater valves, Deaerator valves, HRH, CRH, etc.

QUALITY OF WORK COMMITMENT

- A partnership approach with customers during the provision of agreed technical solutions.
- Satisfy customers expectations and conform to applicable statutory and regulatory requirements.
- Continue to invest in the development of our systems, our infrastructure and our people.
- Develop and deploy an effective integrated quality management system which satisfies the requirements of applicable International, customer or industry standards.



OUR VISION

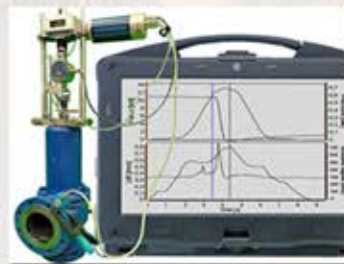
Tech services will become the best regional provider of value-added services to our customers.

OUR MISSION

To create worldwide customer delight by providing the highest quality services.

OUR SERVICES

- On-line Safety Valve Testing.
- Off-line Valve Testing.
- Safety Valve Servicing & Maintenance.
- On-line Leak Sealing Services.



CERTIFICATION

- TÜV Nord Germany
- Bureau Veritas
- Slovenian Accreditation institute
- DET Norske Veritas
- Slovenian Quality Institute

ON-LINE SAFETY VALVE TESTING (LEGA TEST)

We would like to introduce our company TECH SERVICES that has been in business on-line Safety valve testing (LegaTEST).

HIGHLIGHTS:

- Advanced Technology with fully Automatic (DC motor operated).
- Accurate 0.03% report.
- Lift force up to 50 kN
- Legatest device can be use in potentially explosive atmospheres according to directive 94/9/EC.
- Less timing for test (15 mins per valve).
- Qualified & Experienced engineers.
- Leak detecting technology



ADVANTAGES:

- By doing On-line test without increase in pressure of the boiler, during operation of boiler the test can be performed.
- Around ₹50,000 to ₹75,000 per safety valve cost saving will be effected to the customer in comparision with conventional test methods and other test. The cost saving is beneficial to the customer in our lega test (Advanced Trevi-Test)On-line safety valve testing system .
- On-line welded safety valves can be tested in the In-Situ position without cutting, Welding, Removing and Outage of the plant, which give considerable at time saving and cost saving to the customer enormously.
- Safety valve can be tested when plant/boiler is in operating condition (Hot test) without increasing the pressure of the boiler also the valve can be tested in during shutdown (Cold test) on both condition that test can be performed.
- Maximising safety valve integrity and efficiency.
- Reducing plant testing downtime, avoids valve removal from system.
- Capability to perform Hot and Cold testing to meet customer requirements.
- Fast and safe automatic testing – computer controlled Accurate computer-generated results.
- System approved and certified to the ATEX Directive.

SAFETY VALVE SERVICING

We offer valve servicing such as for repair and calibration of Valve Servicing. We are equipped with qualified professionals and advanced tools to ensure quality service for your valves. We provide repairing, maintenance, reconditioning services, overhauling, refurbishment, piping system, protection, solutions, testing, repair and replacement, valve seat repair and replacement.



VALVE SERVICE PROVIDER FOR:

- > Gate valve
- > Globe valve
- > Check valve (nrv)
- > Safety valve
- > Hydrant valve
- > Plug valve
- > Butterfly valve
- > Non-slam check valve



OFF-LINE SAFETY VALVE TESTING

When testing critical components such as safety valves it is important to maintain plant productivity and safety, unfortunately with general test procedures the safety valve is required to be removed and maintained off-line in a repair workshop. This outage and removal can often be very time consuming and costly in terms of man hours also manual handling equipment is often required.



ON-LINE LEAK SEALING SERVICES

On-Line Leak Sealing under pressure injection system rectifies any kind of leak such as Steam, Feed Water, Hydrocarbons, Gas and Chemicals from 00 C to high temperature up to 6000 C and at pressure from Vacuumed to 300 Kg/cm2.

MAJOR AREAS OF APPLICATION INVOLVED AS BELOW :-

- > Valve bonnet joint leaks
- > Valve gland leaks
- > Flange joint leaks
- > Pipeline cracks or pinhole leaks
- > Pipe union leaks
- > Heat exchanger flange joint leaks, Elbow leaks, Etc.



CERTIFICATIONS



ADDRESS

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