



TEAM®

Trevitest™

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Trevitest™ is Team's in-house safety valve in-situ testing, a method of measuring and indicating the lift point of a safety valve with no operational interruptions or down time on process.

A service first developed in 1979 Trevitest™ using custom developed chart recorders up to 1994 with the Mk6 generation progressing onto computer based custom software and hardware we are now 4 generations on with the MK9 and Mk10 system currently in service. With an accuracy within 0.5% well within the ASME standards we can test a range of safety relief valves from your conventional safety to torsion bars and with our in-house engineering team we can offer bespoke test rigs to perform tests on valves that may be deemed untestable in-situ.

Key Features:

- Accurate within 0.5%, complying with ASME standards.
- Can test a wide range of safety relief valves, including conventional and torsion bar types.
- Bespoke test rigs available for valves typically considered untestable in-situ.

Operational Benefits:

- No plant operation interruption during testing.
- Reduces the time required to commission the plant after shutdown.
- Eliminates temperature compensation issues as testing is done at normal operating temperatures.

Data and Safety Assurance:

- Produces a permanent graphical trace of valve performance, replicated on test certificates.
- Each test is assigned a unique number, backed up and stored securely for full traceability.
- Testing does not affect valve operation; valves will still function correctly if over-pressurization occurs.
- Ability to force close a valve if it sticks open during testing, preventing production loss and system trips.

Advantages of Trevitest™:

- Offers on-site pre and post calibrations on the day of testing.
- Calibration accuracy is certified by a 3rd party UKAS-approved testing house.
- Provides certifiable test results, documenting any adjustments made.
- Keeps correctly performing valves in service longer and identifies those needing repair or replacement.



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