

Axial Weld Tension Tool

Axial Weld Tension Tools are available as a safe and efficient means of locally proving the leak tightness and structural integrity of welded, cold formed and mechanical-grip type pipe fittings.

Axial Weld Tension Tools provide independent test boundaries which support the testing requirements of the ASME Boiler and Pressure vessel code and equivalent universal codes and directives that stipulate the verification of structural integrity of a system repair or modification.

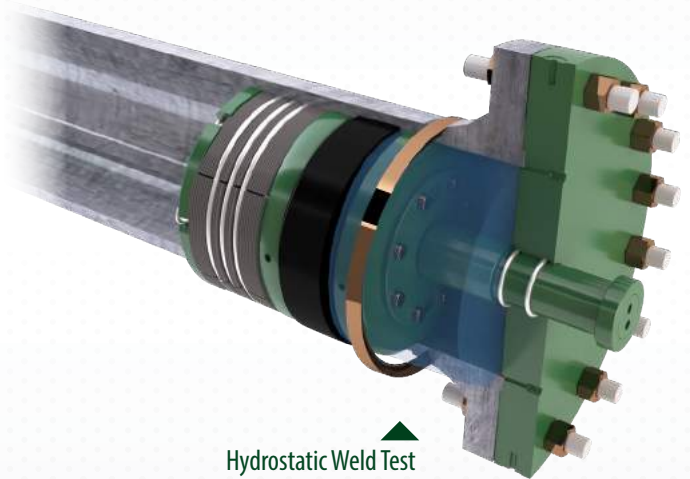
Axial Weld Tension Tools eliminate the need to flood and pressurise the entire piping system, eliminating the exposure of the existing system to a proof test pressure. Localised testing eliminates the need to dispose of a large volume of potentially contaminated test fluids.

- ◆ Reduces system downtime and increases worksite safety by minimising pressure-test volume
- ◆ Operators save time and reduce costs by limiting test area to only the new weld, mechanically swaged or gripping connection
- ◆ Timely completion of maintenance and modification activities
- ◆ No requirement to flood and dewater gas systems or dispose of potentially contaminated test fluids
- ◆ No requirement for full system pressurisation beneficial to 'mature' systems by decreasing potential for leakage

Operator Benefits



8" Axial Weld Tension Tool



Hydrostatic Weld Test

Key Features

- ◆ Simple, straight forward installation and operation
- ◆ Installed and activated in the same manner and time frame as rigid Flanged Weld Test Tools
- ◆ Large section high quality elastomer seals ensure a leak tight seal, even in pitted pipework
- ◆ Designed with generous radial clearance to cope with typical internal obstructions such as weld beads or ovality issues
- ◆ High performance elastomer seal provides excellent radial expansion and relaxation properties over many operating cycles
- ◆ Capacity for containment monitoring on tools above 2" nominal size
- ◆ Robust construction ensures years of trouble free operation even in the harshest environments
- ◆ Suitable for installation in horizontal, vertical and inclined piping
- ◆ Size range: common pipe sizes $\frac{3}{4}$ "- 16" as standard
- ◆ Hydraulically actuated above 2"
- ◆ MWP: Suitable for systems rated up to class 1500#