In-line Weld Testing & Isolation Services

Hydratight’s qualified and professional technicians provide a safe, reliable and cost-effective means for the localised pressure testing of piping. Localized pressure testing is a means of verifying the integrity of a welded or formed joint or flange installation/weld which has been made on a piping system. Typically these are made as a repair or modification of part of a process piping system which is undertaken during plant shutdown activities.

Hydratight provides certified and experienced technicians to perform the job safely and provides operators a full turnkey testing package, delivering a first-class maintenance solution for facility assets.

Service Benefits:
- Reduces system down time and increases worksite safety by minimizing pressure test volume
- Saves time and reduces costs by limiting the test area to only the new weld or welded component

Weld Testing & Isolation Process
Commonly performed during the maintenance and modification of piping or process equipment, technicians insert the weld test tool into the pipe or equipment component to provide a fast and efficient method of verifying the integrity of butt welds, joints or other welded pipe components.

Hydratight’s in-line weld test tools feature double block and bleed isolation. Once set in position these tools provide a verified vapor barrier allowing hot work activities to take place safely on-site. To test the weld the same tool is repositioned over the weld area. The weld test is typically undertaken using water as the test medium, but can be undertaken using inert gas where necessary. The test is normally a strength test of the joint at 1.5 times the design pressure, but can also be used as a leak testing means, typically undertaken at 1.1 times the design pressure.

As there are multiple variants in piping nominal size pipe wall thicknesses and flange configurations, Hydratight has a broad range of test tools to accommodate all requirements.

In addition to our steel tools, Hydratight carries an extensive range of lightweight aluminum tools. Contact our sales team to match your line-isolation & weld testing application with these lightweight aluminum tools.

The option to rent weld test tools is also available, complete with full ancillary equipment. Fully certified client training is provided by highly trained Hydratight personnel to support the tool rental.

Further details can be obtained from your local Hydratight representative or via the website hydatight.com.