Hydratight's qualified and professional technicians provide a safe, reliable and cost-effective means for the localised pressure testing of piping. Localised 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 carries tools that, once set in position, provide a verified vapour barrier allowing hot work activities to take place safely on-site.

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.

**Features and Benefits:**

- Reduces system downtime and increases worksite safety by minimising pressure test volume
- Saves time and reduces cost by limiting the test area to only the new weld or welded component
- Production levels remain optimal due to shortened system downtimes
- Simple, straightforward installation and operation of in-line weld test tools; installed and activated in a matter of minutes
- Large, high quality, high performance elastomer seals ensure a leak tight seal, even in pitted pipework; and provide excellent radial expansion and relaxation properties, even after many operating cycles
- Designed with generous radial clearance to cope with typical internal obstructions such as weld beads, ovality, etc.
- Suitable for use with most test mediums (liquid or gas); no requirement to flood and de-water gas systems
- No requirement for full system pressurisation; beneficial to ‘mature’ systems by decreasing potential for spading, leakage, etc.
- Suitable for installation in horizontal, vertical and inclined piping
- Robust construction ensures years of trouble-free operation even in the harshest environments
- Rental-only option available, complete with full ancillary equipment

This service is delivered by fully certified and competent Hydratight personnel.
In-line Weld Testing & Ambient Isolation Services

Example of typical set-up: horizontal application

Localized Pressure Test
In-Line weld test tool located across the weld to enable localized butt weld strength and leak test

<table>
<thead>
<tr>
<th>Type of Tool</th>
<th>Image</th>
<th>Operation Method</th>
<th>Standard* Size Range</th>
<th>Max.* Test Pressure (psi)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lightweight, Hydraulic-style Weld Testing Tool</td>
<td><img src="image1" alt="Lightweight" /></td>
<td>Hydraulic pressure forces inner cylinders out toward end of plug to expand seals. Easy to handle. Quick. Self centering installation.</td>
<td>101.6mm–406.4mm</td>
<td>2,437</td>
</tr>
<tr>
<td>Steel Hydraulic-style Weld Testing Tool</td>
<td><img src="image2" alt="Steel" /></td>
<td>Hydraulic pressure forces inner cylinders out toward end of plug to expand seals. Quick. Self centering installation.</td>
<td>101.6mm–609.6mm</td>
<td>10,000</td>
</tr>
<tr>
<td>Lightweight, Mechanical-style Weld Testing Tool</td>
<td><img src="image3" alt="Lightweight" /></td>
<td>Seals in pipe by applying torque to a fastener. Easy to handle.</td>
<td>19.1mm–609.6mm</td>
<td>2,500</td>
</tr>
<tr>
<td>Steel Mechanical-style Flange Tester</td>
<td><img src="image4" alt="Steel" /></td>
<td>Mechanical installation—installed and removed, even where there is severe weld protrusion. Allows adjustment of seal installation depth.</td>
<td>19.1mm–914.4mm</td>
<td>2,250</td>
</tr>
</tbody>
</table>

*Larger sizes and higher test pressures available upon request and prior notice

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