



STATS GROUP
Managing Pressure, Minimizing Risk

Topsides UK 2021

Maximising Shutdown Efficiency with Reduced Personnel on Board

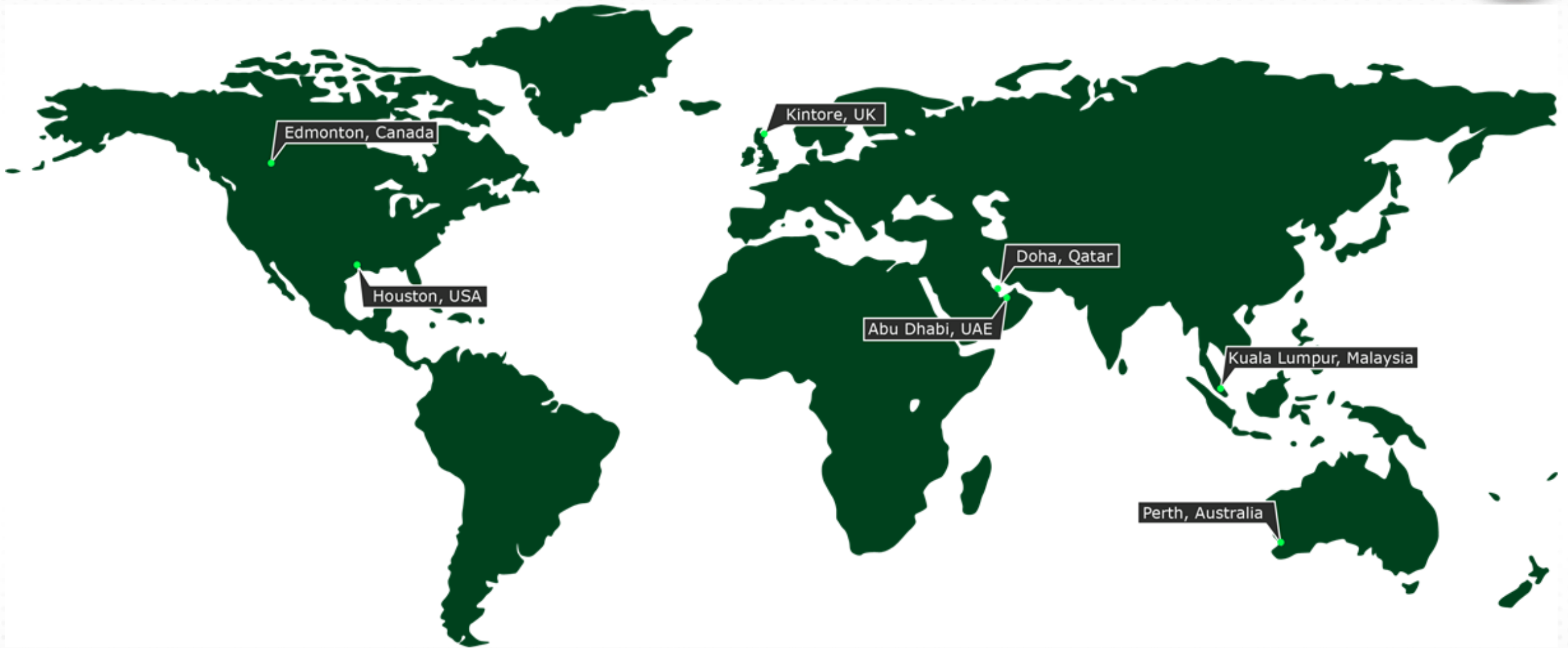
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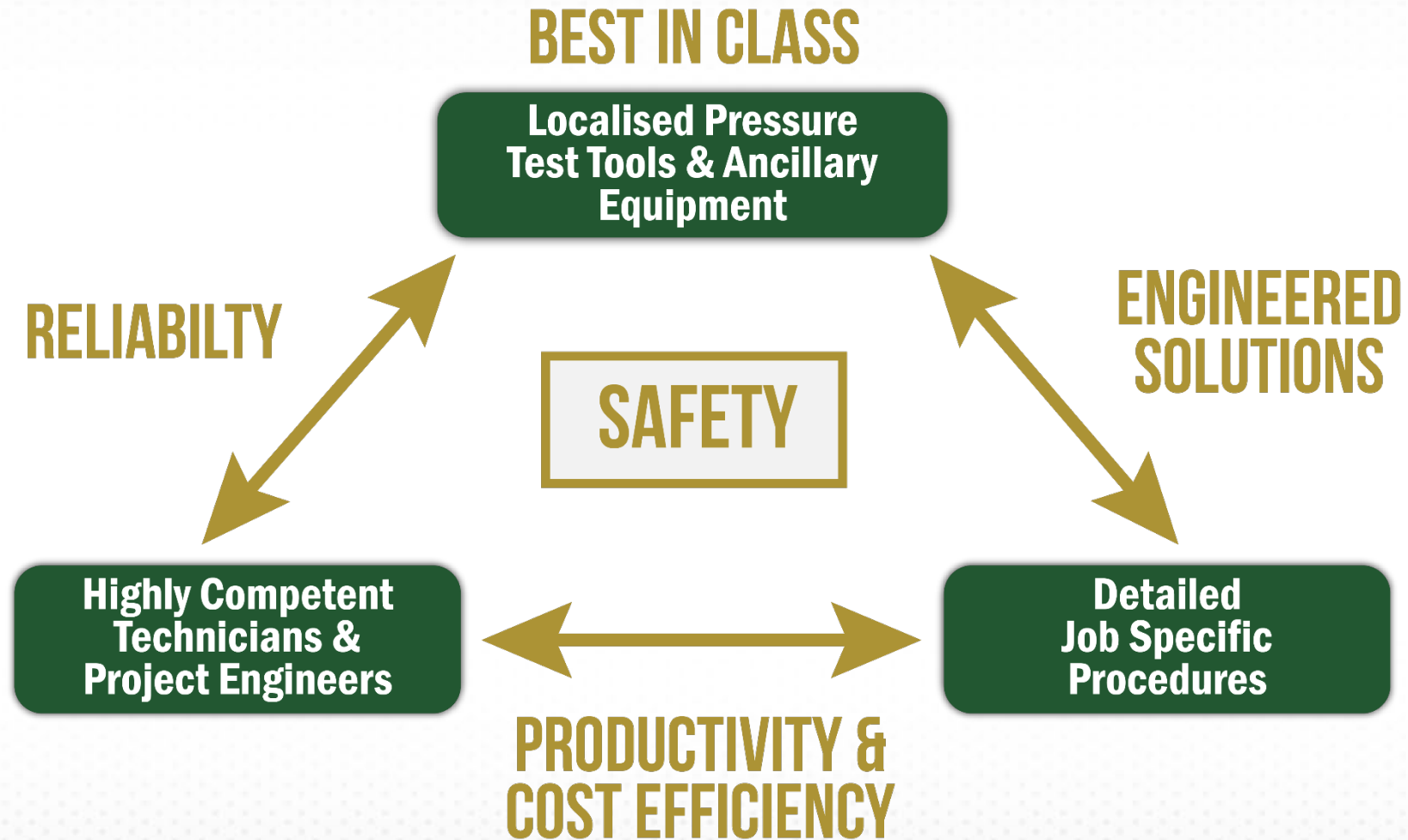
Account Manager for Process Plant Solutions

Global Footprint



Aberdeen | Abu Dhabi | Doha | Edmonton | Houston | Kuala Lumpur | Perth



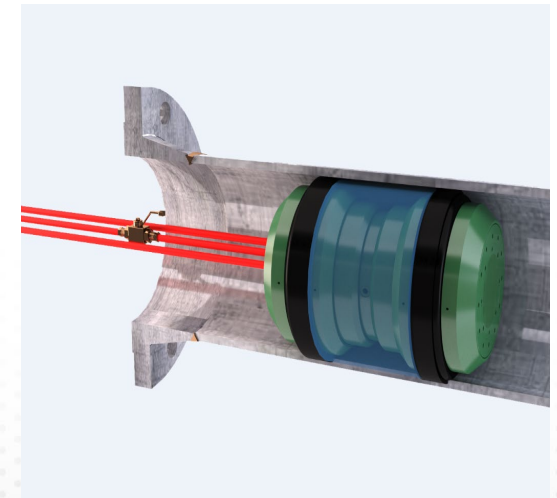
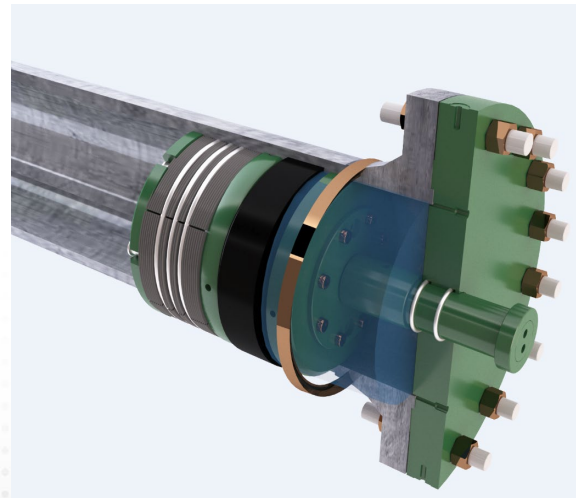
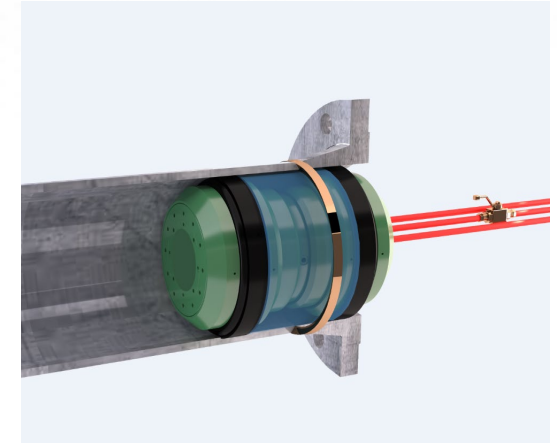
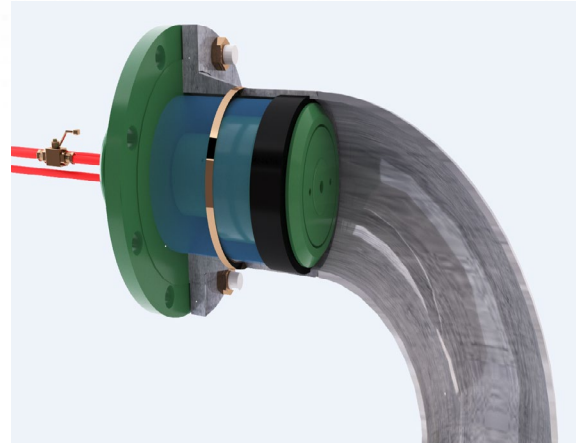


STATS Localised Weld Testing Equipment



Key Features

- Standard Nominal Size Range 3/4" to 36" – Up to 690bar
- Operators save time and reduce costs by limiting test area to only the new weld or welded component
- Available in Flange or In-Line test options
- IWTT's can be used as a proven vapour barrier during welding
- Multi-test use without the requirement to replace seals
- Axial Weld Test Tools available up to 16"



STATS Ancillary Support Equipment

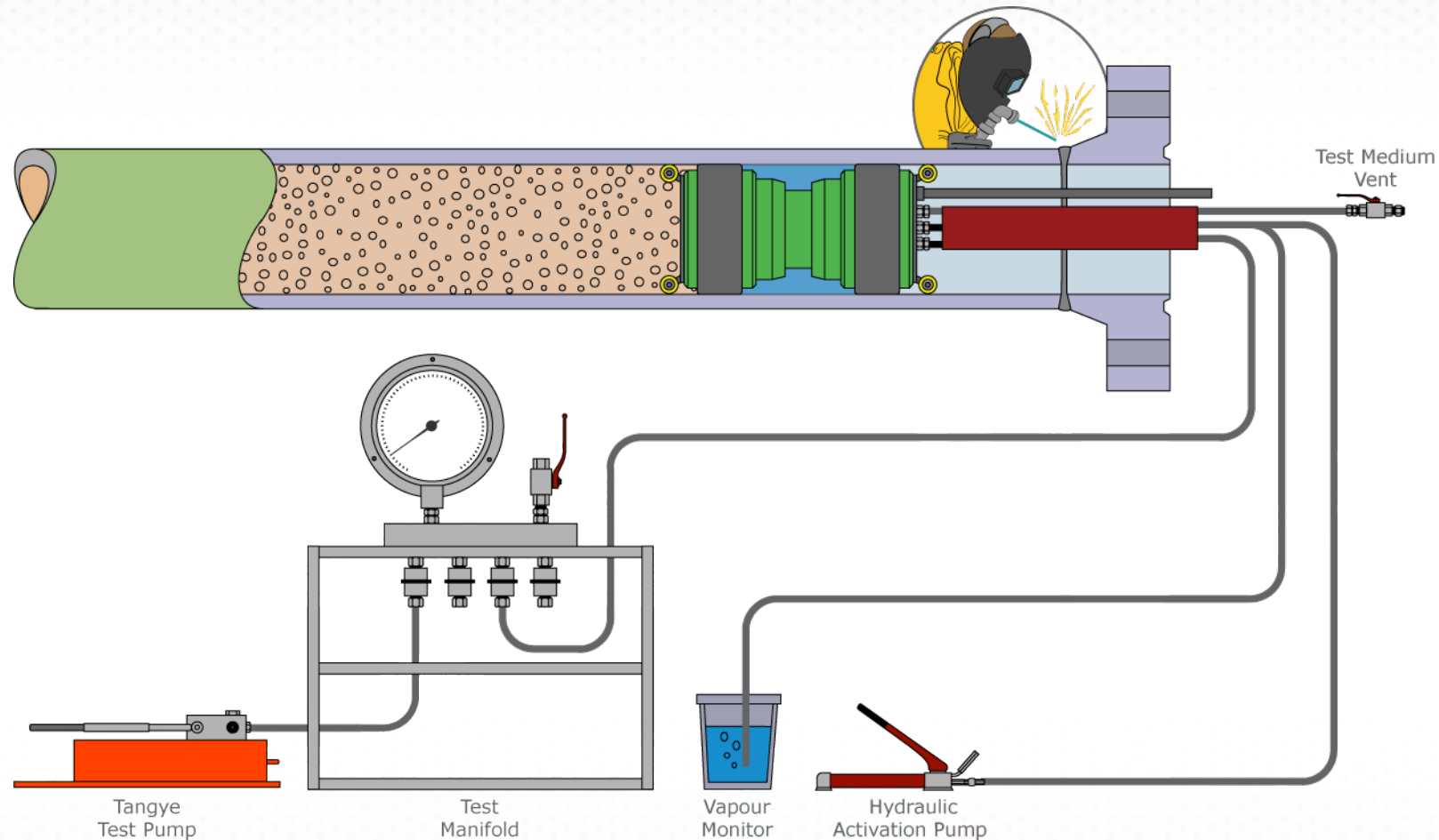


All test equipment is supported with ancillary equipment as part of a complete turnkey testing package including:

- Calibrated & Certified Equipment
- Pressure Gauges & Recorders
- Hydraulic Activation Pumps
- Test Tangye Pumps
- Test Manifolds
- Test Hoses & Fittings
- Pressure Relief Valves



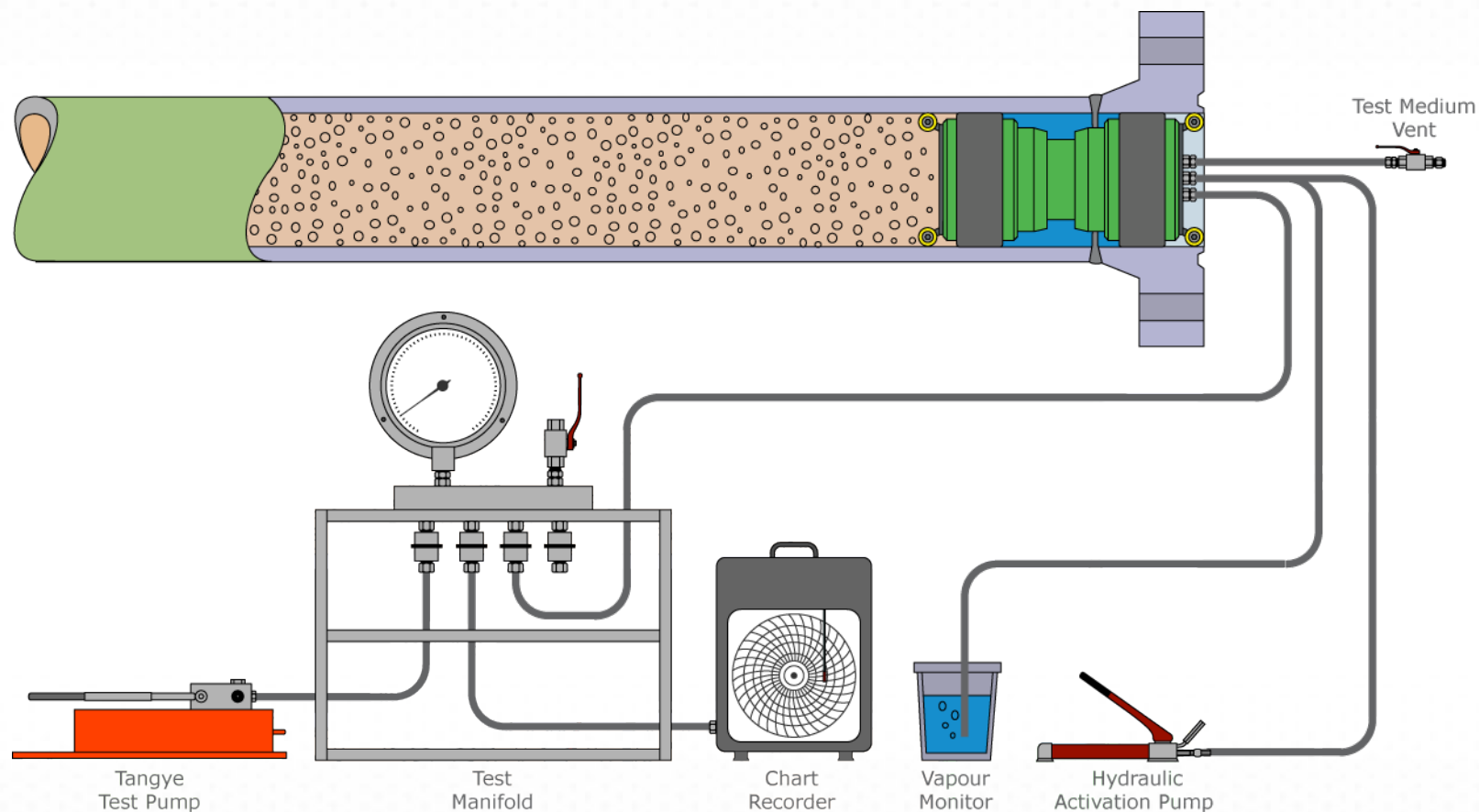
Vapour Barrier Typical Set-Up (Where No Pressure Build Up is Possible)



Ambient Vapour Barrier during Welding

In-Line Weld Test Tool situated in pipework to provide vapour barrier and safeguard worksite

Pressure Testing Typical Set-up



Localised Pressure Test

In-Line Weld Test Tool located across the weld to enable localised butt weld strength and leak test

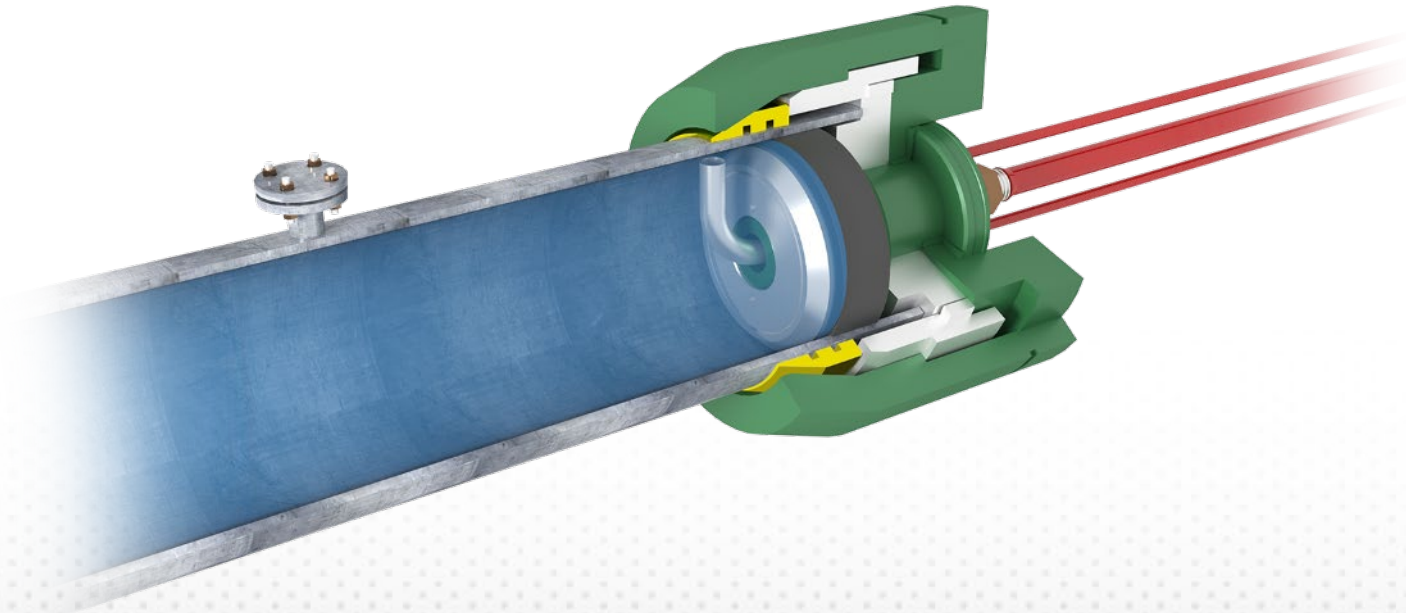
Pipe End Plugs: EPEP/IPEP



Pipe End Plugs provide a fast and efficient method of installing temporary test caps on open ended pipe, pipe spools or piping systems to facilitate hydrostatic leak and strength tests.

Pipe End Plugs reduce time and costs compared to traditional methods of welding end caps to the pipe spool.

- All tools supplied with required ancillary equipment – fully certified
- Sizes 3/4" to 42" available



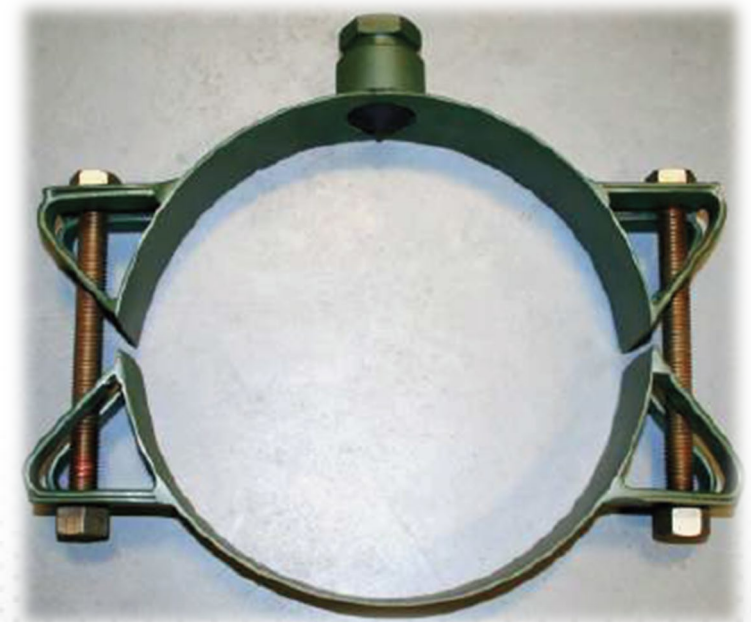
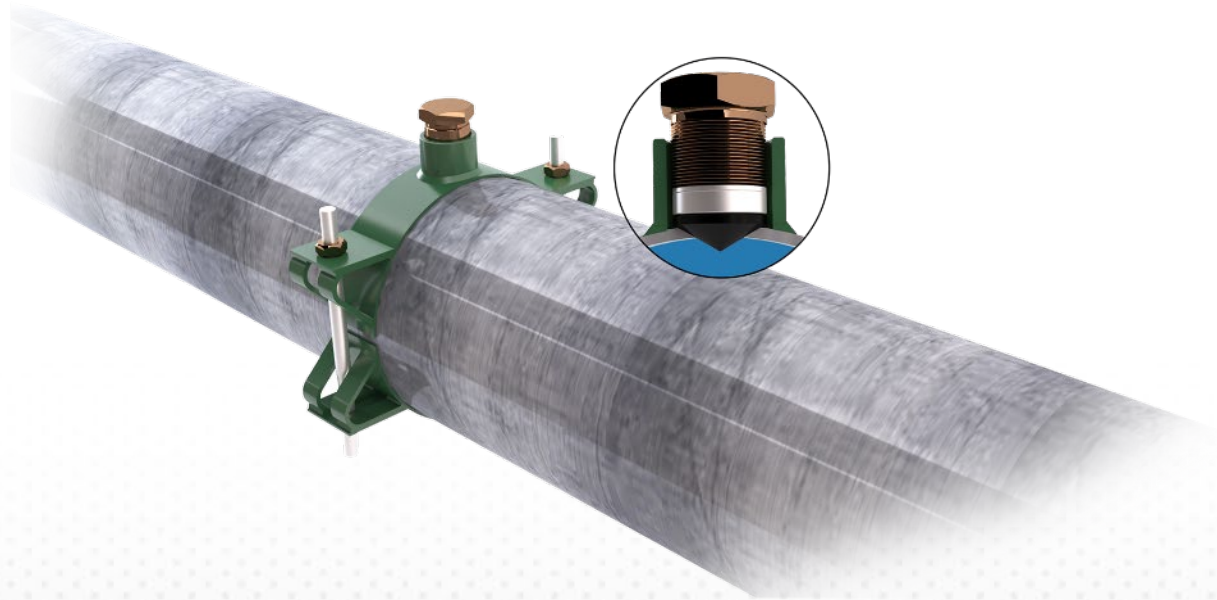
Pin Hole Leak Repair Clamps



Pin-Hole Leak Repair Clamps have been developed for process piping repair in oil and gas process facilities.

Benefits

- Easily installed with minimal disruption to the pipework or operation of the system
- A rapid and versatile solution for localised leak points
- Sizes 2"-72" up to 153bar with a maximum pin hole of 12mm diameter



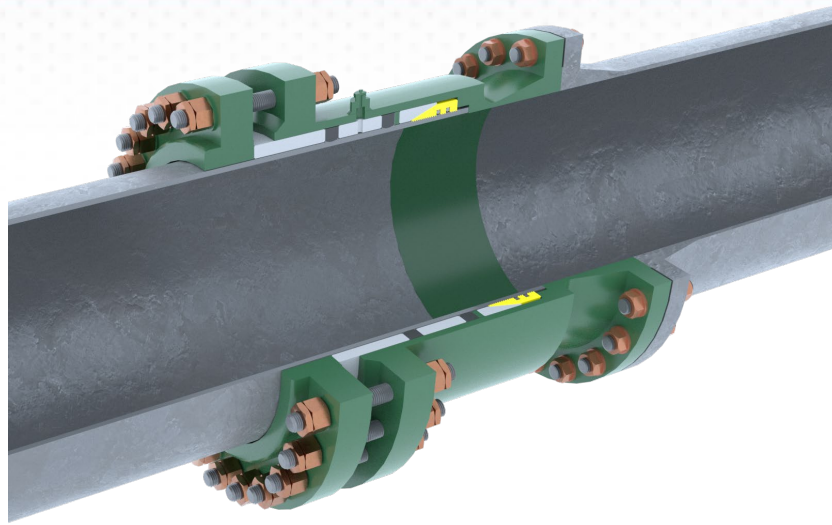


Weldless Connector Key Features

- Standard sizes 2" to 36" – RF / RTJ Flange Options
- Standard MAOP: Up to 51 barg – Higher pressures available
- Standard temperature range: -40°C to +300°C
- In accordance with the API 6H Specification requirements
- Fire tested to comply with API 6 FA
- NACE MR-01-75 / ISO 15156 Compliant
- Design strength verified to ASME B31.3, B31.4 and B31.8
- Designed to fit standard pipe specifications (ASME B36.10 & B36.19, API 5L)
- Manufactured in compliance with Pressure Equipment Regulations
- Testing and verification port to carry out leak testing and seal monitoring
- Xylan 1425 coated internal and external as standard
- Carbon steel applications as standard (Duplex and SS on request)

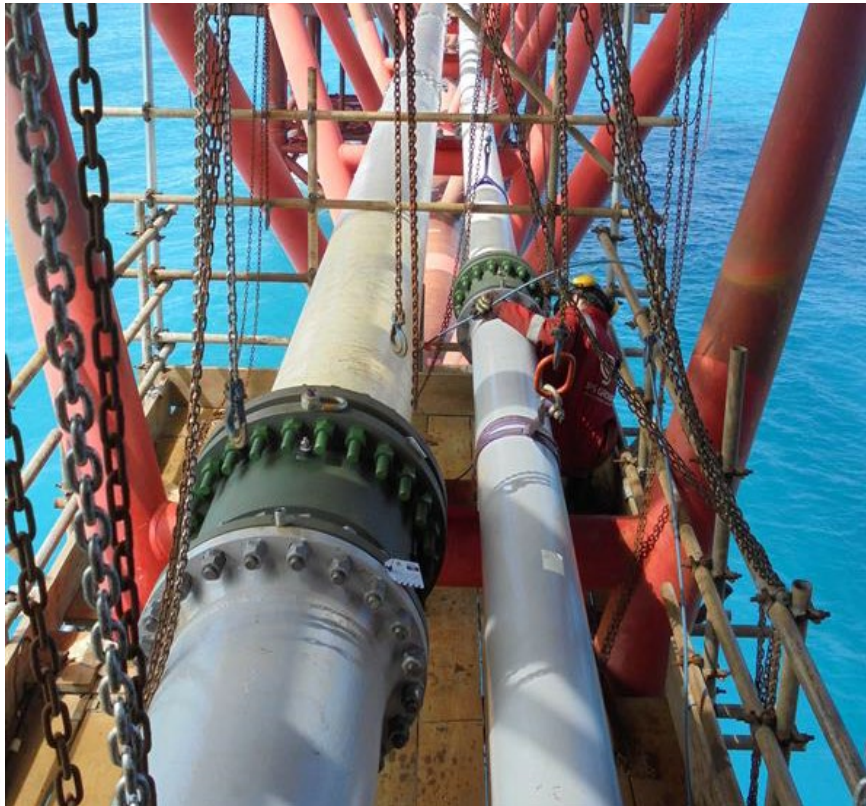


STATS Pipe Connector Benefits



Safety	Eliminates the need for hot work activities
Time	Significantly quicker to install compared to welding
Cost Effective	Eliminates welding equipment, personnel, habitat and personnel resources
Easy to Install	No specialist installation tooling required – Hand tools only No requirement for additional coating once installed
Test and Monitor Facility	Integrated test port to prove connector sealing without additional tooling
Avoids Pipe Deformation	External lock and seal assembly eliminates flow restriction or turbulence. Applies code compliant connection loads into pipe, avoiding any localised material deformation or overstress conditions

STATS Connector Installations



BENEFITS

- Multi-disciplined and competent field support
- Single source supply, minimises lines of communication
- Reduced personnel and accommodation requirements
- Reduced expenditure and downtime



Pipe Cutting & Weld Preparation



Hot Tapping / Cold Tapping

STATS Technician Training



STATS can provide a full training and awareness course as part of our test tooling and weldless connection product support for operators conducting smaller day to day repair activities.

Training consists of detailed theory and practical training courses delivered at STATS Kintore facility.



Thank You for your Attention



Questions & Answers

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