



**TEEMANS
LIMITED**

ENGINEERS OF UNDER PRESSURE PIPELINE PRODUCTS



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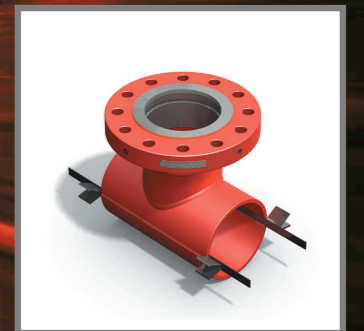
Woodhouse Road Scunthorpe
North Lincolnshire United Kingdom
DN16 1BD



T: +44(0)1724 277538 F: +44(0)1724 277592 E: info@teemans.com

www.teemans.com

Company Registration Number 2977697 • VAT Registration Number 651 5476 31



about us



Teemans Limited

Suppliers of Under Pressure Pipeline Maintenance Products

Meeting world market needs in the Gas, Oil and Water industries, for under pressure pipeline maintenance fittings.

Teemans Limited specialises in the design and manufacture of split tees for use on live mains.

Whether you're expanding the network or maintaining existing lines, Teemans is committed to providing products of the highest quality whilst remaining very competitive within the marketplace.

With the flexibility you would expect from a small company, Teemans can respond quickly offering rapid turnarounds for emergency situations. Together with our design expertise, Teemans can provide the right equipment to suit the demands of your applications.

Teemans manufactures various types of pipeline fittings in a wide range of sizes. We use high quality materials and design specifications to suit customer requirements. All products meet the current revision of the NACE standard for Sour Oilfield Environments.

Seglock®, Leaflock™ and Threadlock™ are Teemans product names for split tees specially designed with a stopping-off facility in the outlet. High Pressure Seglock® Split Tees have pressure compensating components built into them to aid the field technician when setting completion plugs, which is the company's own in-house design.

Teemans has designed and manufactured high-pressure Seglock® Split Tees and attained Third Party Approval of designs by Lloyds, TUV & SGS. One of only three companies worldwide to be approved to supply Split Tees to Transco under the exacting standards of F4; Teemans is proud of its achievements to date and intends to build on these sound foundations.

All products are compatible with leading manufacturers Hot Tapping (Drilling) and Line Stopping equipment.

The company is committed to Quality Assurance and is approved to BS EN ISO 9001:2008 by Lloyds Register Quality Assurance, and the company is striving to achieve BS EN ISO 14001:2004 Environmental Standard.

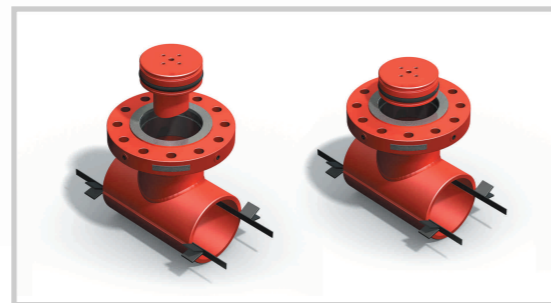


Teemans end users include:

- BP
- British Gas/Transco
- Conoco Phillips
- Gas de France
- IGDAS
- NIGC
- Petronas
- Scotia Gas
- Shell
- TOTAL



design and innovation



Design Capability

Teemans designs the pressure envelopes for tees, pressure vessels etc. to ASME VIII, PD5500, ASME B31.3, B31.4, B31.8 along with any client-specific requirements.

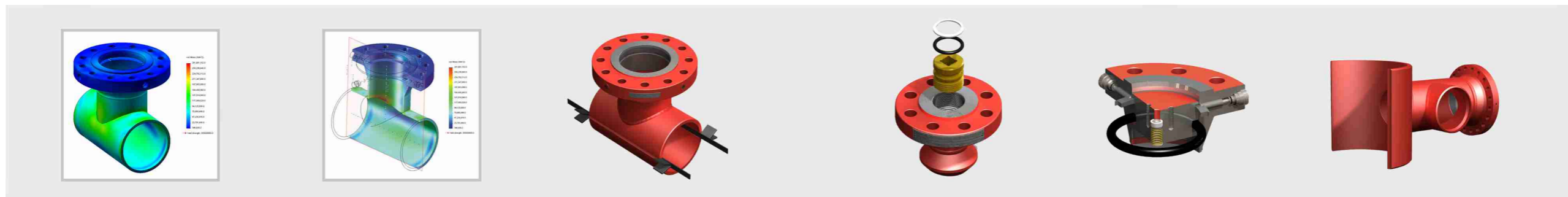
We utilise 3D Solidworks and AutoCAD draughting to produce drawings for approval and manufacturing. We also offer Finite Element Analysis if required.

Innovation

Teemans has designed and developed a unique drive screw arrangement, which is not susceptible to hydraulic locking, for Seglock® flanges. This reduces the effect of the internal pressure against the drive screw operation on high pressure fittings up to 60".

In developing this design we are able to use the Seglock® system down to 4" CL150 flanges and 4" CL150 drilled to PN16 if required for low pressure fittings.

Teemans operates a continuous improvement policy.



facilities



Teemans Limited is based in Scunthorpe, North Lincolnshire, in the United Kingdom. The manufacturing facility is close to the UK motorway network and the Humber ports for ease of transport.

The workshop facilities total 2,750sq ft with overhead cranes up to 40T in all bays, giving an in-house capability for the machining and fabrication of all sizes of fittings up to 5.6m.

Quality System
BS EN ISO 9001:2008
Under Lloyds Register QA

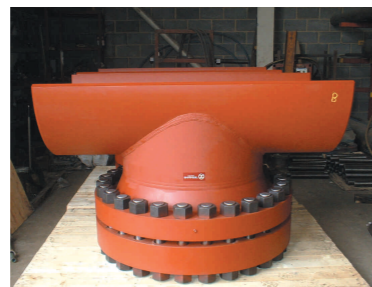


Machining and Fabrication Facilities

The Machine Shop comprises both conventional and Full CNC machinery with the capacity to machine both small items and up to 5.6m diameter.

The Fabrication Shop employs experienced coded welders to ASME IX and EN 287-1. We have a full CNC Profiling capability, Plate Rolls & Press and manufacture single piece items up to 100 tonnes.

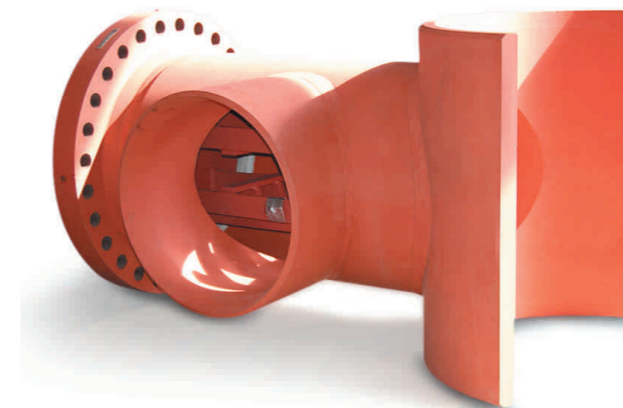
In addition to the manufacture of Split Tees on site, we also design and manufacture pressure vessels.



About us

Teemans Limited was founded in 1994 and commenced trading from its premises in Lincoln. Teemans success in the marketplace continued along with its reputation for the design and manufacture of high quality fittings for the Oil and Gas Industry.

With rapid growth came the associated resource and commercial demands, which has led to Teemans becoming part of a larger group, thus enabling its continued economic growth, whilst maintaining commercial stability and extending its manufacturing base.



Teemans have supplied to:

National Grid Gas plc, Scotia Gas Networks plc, TD Williamson, Furmanite, IPSCO GmbH, Unique Wellube Group FZC (UAE), NIS Nordiska AB, Systems & Products G.O.W.Psprl, MPCC Meligas, Denholm Pipecare, Pipeline Services (UK) Ltd, Wales & West Utilities.

Teemans Limited is on the Approved Vendors' List for the following major gas companies:

National Grid Gas plc and Scotia Gas Networks plc to supply High Pressure Split Tees to their T/SP/F/4,2004 and 2007 Technical Specs.

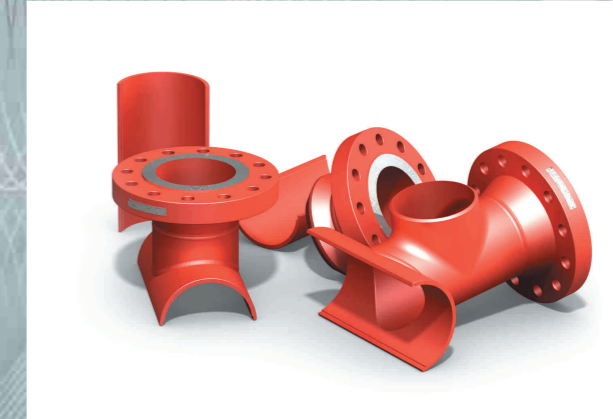
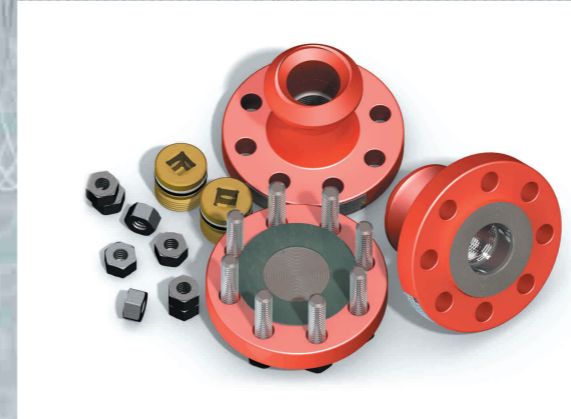
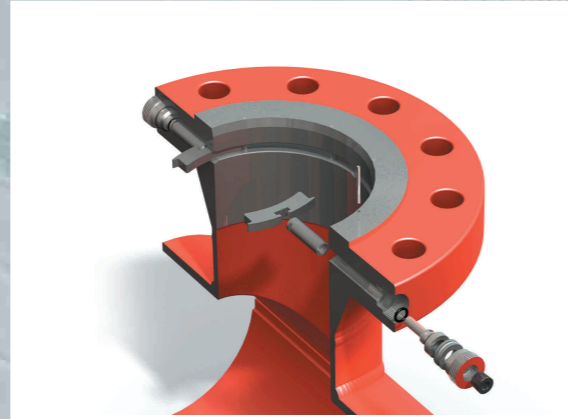
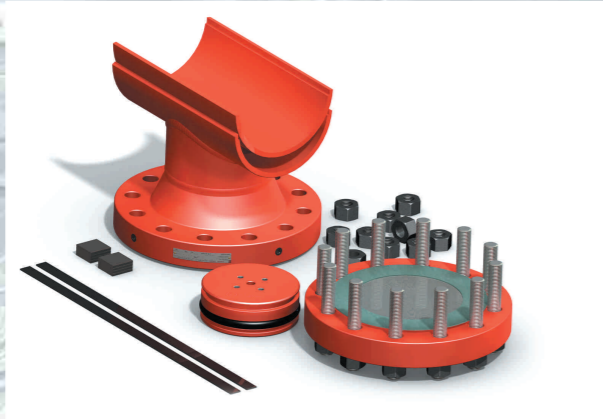
Gaz de France to supply distribution fittings (Leaflock™ and Threadlock™).

National Iranian Gas Company to supply High Pressure Seglock® and Hot Tap Split Tees.

Igdas, Turkey, to supply Distribution Fittings and High Pressure Seglock® and Hot Tap Split Tees.

Qatar Petroleum, Qatar, to supply Hot Tap Split Tees and associated fittings.

products



Seglock® Pipeline Fittings

The Seglock® fittings have a unique drive screw arrangement, which is not susceptible to 'hydraulic locking' and reduces the force required to operate against the pressure in the product line.

Designed to provide access into a pipeline for maintenance activities, a completion plug is supplied with the Seglock® locking-off facility, to allow process isolation, either when the work is finished or during individual stages of the work being carried out. Scarfed completion plugs, barred completion plugs or flow through guide bar plugs can be used in Seglock® flanges.

Features

- Standard range up to CL-600
- Higher ratings can be accommodated
- Branch sizes from 2" and 3" (Threadlock™) to 60" (Seglock®)
- Choice of materials and designs to suit application
- Weldneck Flange with Seglock® facility
- Full materials certification supplied
- Hydrostatic test certification supplied when required
- Suitable for gas or liquid systems

Materials

- Carbon Steels, all grades to ASTM, API, BSEN, DIN
- Stainless Steels, 304, 316, Duplex

Hot Tap Tee Pipeline Fittings

Designed to provide a simple off take connection onto an existing pipeline transmission system.

This enables expansion of the pipeline network to allow extra equipment or new end users to be accommodated onto the system.

For more details of available products, or to download electronic brochure, please visit our website:

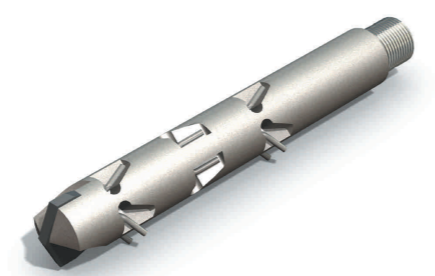
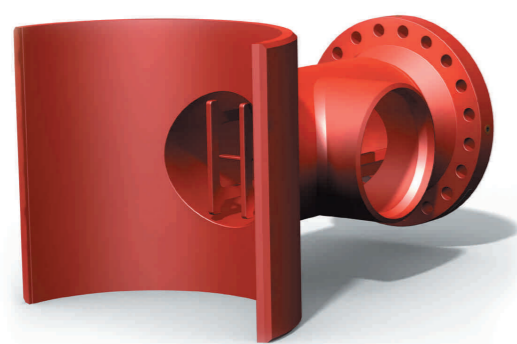
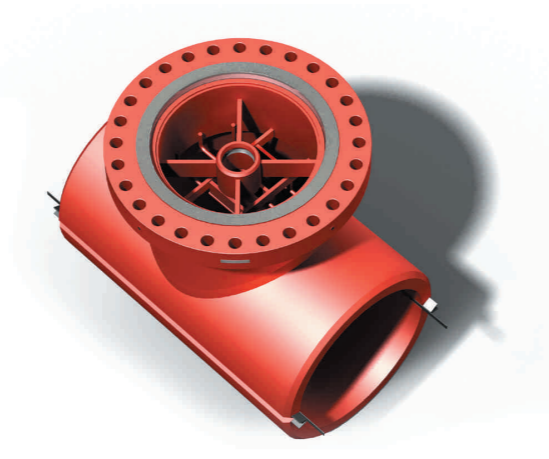
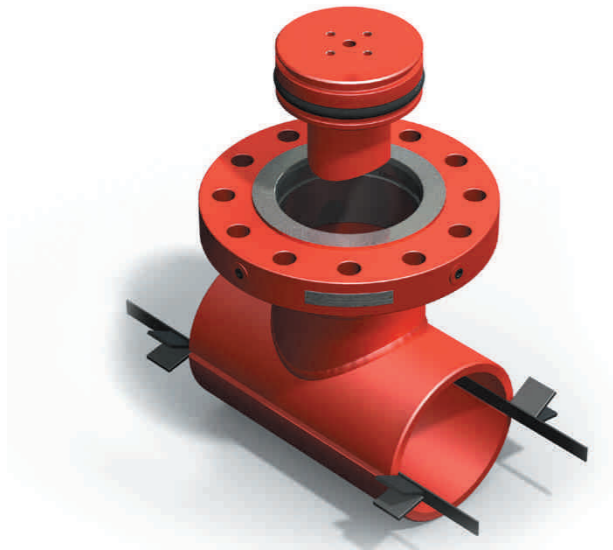
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Features

- Standard range up to CL-600
- Higher ratings can be accommodated
- Branch and Run pipe work sizes from 1" to 60"
- Choice of materials and designs to suit application
- Full materials certification supplied
- Hydrostatic test certification supplied when required
- Suitable for gas or liquid systems

Materials

- Carbon Steels
- Stainless Steels, 304, 316, Duplex



Miscellaneous Fittings

- Threadlock™ Split Tees with 2" or 3" flanges PN16 to CL600
- Threadlock™ flange on weldolet with 2" or 3" flanges PN16 to CL600
- Threadlock™ nipples with threaded caps
- Seglock® or Hot tap flange on nozzle arrangements with or without reinforcement pads
- Three-way split tees
- 3-way Barrel tees
- Sphere tees
- Split repair sleeves (weld on)
- Mechanical repair clamps
- Mechanical split tees purpose designed

Ancillary Products

- Cutters and drills manufactured
- Valves, Adaptors and Housings designed and manufactured

Fitting Designation

SST Series	Seglock® Split Tee Full encirclement split tee with stopping-off facility in the flange.
SFL Series	Seglock® Flange (Supplied in kit form - conditions apply). Flange with stopping-off facility.
SSN Series	Seglock® Nozzle Flange on scarfed or straight nozzle with stopping-off facility.
SNR Series	Seglock® Nozzle with reinforcing pad Flange on scarfed nozzle with reinforcing pad and stopping-off facility.
SFW Series	Seglock® Flange on Weldolet Flange with stopping-off facility.
STW Series	Seglock® Three-way Full encirclement split tee with stopping-off facility in the flange by pass off take.
HST Series	Hot Tap Split Tee Full encirclement split tee.
HFV Series	Hot Tap Split Tee on Weldolet Flange without stopping-off facility.
HTN Series	Hot Tap Flange on Nozzle Flange on scarfed or straight nozzle.
HNR Series	Hot Tap Flange on Nozzle with reinforcing pad Flange on scarfed nozzle with reinforcement pad.
TFW Series	Threadlock™ Flange on Weldolet Flange with stopping-off facility.
TSN Series	Threadlock™ Nozzle with stopping-off facility.
TST Series	Threadlock™ Split Tee Full encirclement split tee with stopping-off facility.

All the above series are available in all acceptable classes.

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