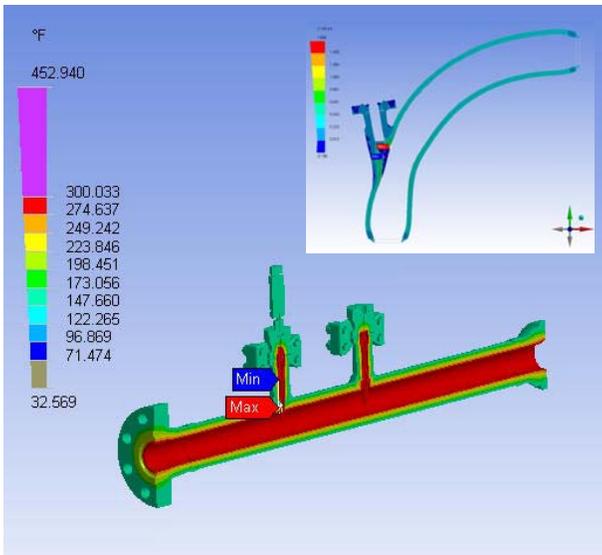


High Pressure Piping Systems

LTS offers an engineered piping solutions where high pressure, high temperature and cyclic conditions exist. Whether a new project or repairs, calculations are undertaken in accordance to applicable ANSI B31 and/or API codes covering liquid or gas service through 30,000psi applications. Custom designs are available to cover the most demanding applications in any process system.



Ansys Linear FEA including Thermal Analysis

Design & Supply Capabilities

LTS in-house design capabilities feature the latest SolidWorks 3D modeling software which allows quick and simple transition from design to manufacturing. For more demanding applications where combinations of pressure, temperature and cyclic conditions exist, FEA analysis can be carried out to substantiate both design and external load capabilities.

Products

- Block Tees, Crosses and Adapters
- Flowline and Piping Fabrication
- Headers and Specialty Fittings
- Specialty Flange and Clamp Designs



ANSI Class 1500lbs Block Tees for OSB Hydraulic Press Lines

Application Range

Pressure:	ANSI Class 1500lbs thru 4500lbs API 2M thru 30M Custom
Temperature:	-150 Deg F to +1200 Deg F -101 Deg C to +649 Deg C
Sizes:	2" to 60" NPS 50mm to 1524mm NB
Materials:	Carbon Steel, Stainless Steel, Duplex, Nickel Alloys



API 6A 5.1/8" 15M Flowline under hydro test at 22500 psi



Block Tees and Specialty Fittings



Block Tees and Specialty Fittings

LTS offers a wide selection of custom designed “Block” type fittings such as Tees, Elbows, Flow Tees, Crosses and Adapters. These are utilized where combinations of high pressure and cyclic conditions occur, eliminating fatigue failure at branches as may occur in standard ANSI B16.9 and B36.10 standard fittings.



ANSI Class 1500lbs 8” Block and Reducing Block Tees

Headers

LTS designs and builds custom High Pressure Headers for Manifold applications in “Fabricated” and “Building Block” styles through 30,000psi design pressures. These can be supplied with a choice of flange options or to suit existing tie-ins..



ANSI 1500# Multi-Port Block Header for OSB Plant

Fluid Control Products

- High Pressure Pigging Systems
- High Pressure Manifold Systems
- High Pressure Flowlines
- High Pressure Ball and Check Valves

Need More Information?

For further information on LTS Products and Services please visit our website at www.ltsenergy.com or call our Sales Team.