



ASME

- B1.20.1 - Pipe Threads, General Purpose (Inch)
- B16.5 - Pipe Flanges & Flanged Fittings
- B16.9 - Factory - Made Wrought Butt-Welding Fittings
- B16.11 - Forged Fittings, Socket-Welding & Threaded
- B16.25 - Butt-Welding Ends
- B16.47 - Large Diameter Steel, Flanges (NPS 26 Thru NPS 60)
- B31.1 - Power Piping
- B31.3 - Process Piping
- B31.4 - Pipeline Transportation Systems for Liquid Hydrocarbons and other Liquids.
- B31.8 - Gas Transmission & Distribution Piping Systems
- B31.9 - Building Services Piping
- B36.19M - Stainless Steel Pipe

PFI: Pipe Fabrication Institute - Engineering & Fabrication Standards

- ES-1 - Internal Machining Backing Rings
- ES-16 - Access Holes, Bosses, Plugs, for RT Inspection of Pipe Welds
- ES-36 - Branch Reinforcement
- ES-42 - PMI STD.

NACE STD

- MR0175 Material Requirements (For Resistance To Sulfide Stress Cracking. BHN / HRC)

ASTM International

- A262-Intergranular Test, Austenitic Stainless
- A275-Magnetic Particle Exam.
- A370-Mechanical (Tensile) Test Steel Products
- A388-Ultrasonic Exam: Steel Forgings
- A751-Chemical Analysis of Steel Products
- E-10-Test Brinell. Hardness
- E23-Standard Notch Bar Impact Test
- E112-Test-Grain Size
- E165-Liquid Penetrant Exam.
- E562-Test Method Determining Volume Fraction By Manual Point Count

MSS - STD

- SP-25 - Marking Valves, Fittings, Flanges, & Unions
- SP-42 - Stainless Butt-Weld Fittings
- SP-44 - Steel Pipeline Flanges 12" - 60" F36 - F70
- SP-75 - High-Test Butt-Weld Fittings
- SP-79 - Socket-Welding Reducer Inserts
- SP-83 - Class 3000 Steel Pipe Unions
- SP-95 - Swages & Bull Plugs
- SP-97 - Branch Outlet Fittings, Socket Weld, Threaded, Butt Weld

Wrought

Metal in the solid condition that is formed to a desired shape by working (Rolling, Extruding, Forging, etc.) usually at an elevated temperature.

Forge

Plastically deforming metal, usually hot, into desired shapes with compressive force, with or without dies.

Cast Component

Metal that is obtained at or near its finished shaped by (Casting) solidification of molten metals on a mold.