



Exploration & Production

GENERAL SPECIFICATION

PIPING VALVES VESSELS

GS EP PVV 144

Fittings

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1. Scope

This specification completes the description given in the requisitions issued by the Engineering Company and stipulates the particular requirements for the fabrication, inspection and shipment of fittings made of carbon steel, alloy steel, stainless steel and copper alloys.

This specification does not apply to fitting materials made of glass-reinforced plastic (GRP).

2. Reference documents

The reference documents listed below form an integral part of this General Specification. Unless otherwise stipulated, the applicable version of these documents, including relevant appendices and supplements, is the latest revision published at the EFFECTIVE DATE of the CONTRACT.

Standards

Reference	Title
ASTM A 105	Standard Specification for Forgings, Carbon Steel, for Piping Components
ASTM A 182	Standard Specification for Forged or Rolled Alloy Steel Pipe Flanges, Forged Fittings, and Valves and Parts for High-Temperature Service
ASTM A 234	Standard Specification for Piping Fittings of Wrought Carbon Steel and Alloy Steel for Moderate and Elevated Temperatures
ASTM A 350	Standard Specification for Carbon and Low-Alloy Steel Forgings, Requiring Notch Toughness Testing for Piping Components
ASTM A 370	Standard Specification for Mechanical Testing of Steel Products
ASTM A 403	Standard Specification for Wrought Austenitic Stainless Steel Piping Fittings
ASTM A 420	Standard Specification for Piping Fitting of Wrought Carbon Steel and Alloy Steel for Low-Temperature Service
ASTM A 530	Standard Specification for General Requirements for Specialized Carbon and Alloy Steel Pipe
ASTM B 466	Standard Specification for Seamless Copper-Nickel Pipe and Tube
ASTM B 467	Standard Specification for Welded Copper-Nickel
MSS SP 25	Standard Marking System for Valves, Fittings, Flanges and Unions
MSS SP 43	Wrought Stainless Steel Butt-Welding Fittings
MSS SP 97	Integrally Reinforced Forged Branch Outlet Fittings - Socket Welding, Threaded, and Buttwelding Ends