



Exploration & Production

GENERAL SPECIFICATION

Drilling and Wells

GS EP FP 337

Manufacture of OCTG Crossovers

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Owner: OPS/FP

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1. Scope

This Specification, based on the requirements of **GS EP FP 330**, gives the technical requirements for permanently installed down-hole OCTG crossover connectors to be manufactured and supplied for use throughout TOTAL.

This Specification is applicable to crossover connectors specified with different diameter connections or different type of connections from one side to the other that are intended to be part of the permanent well installation. The crossover connectors shall be manufactured from **ISO 11960 / API SPEC 5CT** material Grades, certain Purchaser free-issue material.

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
ISO TS 29001	Petroleum, petrochemical and natural gas industries -- Sector-specific quality management systems -- Requirements for product and service supply organizations.
ISO 11960	Petroleum and Natural Gas Industries – Steel Pipes for Use as Casing for Tubing for Wells.
ISO 13680	Petroleum and Natural Gas Industries -- Corrosion-resistant alloy seamless tubes for use as casing, tubing and coupling stock -- Technical delivery conditions
ISO 15156 / NACE MR0175	Petroleum and Natural Gas Industries –Materials for use in H2S containing environment in oil and gas production
ISO 8501 – 1	Preparation of Steel Substrates Before Application of Paints and Related Products – Visual Assessment of Surface Cleanliness – Part 1: Rust Grades and Preparation Grades of Uncoated Steel Substrates and of Steel Substrates After Overall Removal of Previous Coatings.
ISO 10005/2005	Quality management systems - Guidelines for quality plans
BS EN 10204	Metallic materials. Types of inspection documents

Professional Documents

Reference	Title
API SPEC 5CT	Specification for Casing and Tubing