



Exploration & Production

GENERAL SPECIFICATION

Drilling & Wells

GS EP FP 330

**Manufacturing specification for new seamless OCTG
carbon & low alloy material**

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Owner: OPS/FP

Managing entity: OPS/FP



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1. Scope

This General Specification completes the definition of the material described in the PO issued by the Company and specifies the technical supplementary delivery conditions for steel pipes (casing, tubing, plain-end casing liners and pup joints), couplings, coupling stock and accessories for the use within the TOTAL group.

This Specification is applicable to [ISO 11960/API SPEC 5CT](#) material grades and other agreed proprietary grades of 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 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 13678	Petroleum and natural gas industries – Evaluation and testing of thread compounds for use with casing, tubing, line pipe and drill stem elements
ISO/TS 29001	Petroleum, petrochemical and natural gas industries – Sector specific quality management systems – Requirements for product and service supply organization
ISO 11960	Petroleum and natural gas industries — Steel pipes for use as casing or tubing for wells
API SPEC 5CT	Specification for Casing and Tubing
ISO 15156/NACE MR0175	Petroleum and Natural Gas Industries –Materials for use in H ₂ S-containing environment in oil and gas production.
NACE TM0177	Laboratory Testing of Metals for Resistance to Sulfide Stress Cracking and Stress Corrosion Cracking in H ₂ S Environments

Professional Documents

Reference	Title
Not applicable	



Regulations

Reference	Title
Not applicable	

Codes

Reference	Title
Not applicable	

Other documents

Reference	Title
Not applicable	

Total General Specifications

Reference	Title
GS EP FP 350	Mill Inspection Activities of New seamless OCTG

3. Purchaser

3.1 Information to be supplied by the Purchaser

The Purchaser should consult the relevant Company standard before selection of the manufacture is made.

The Manufacturer of the OCTG seamless casing and tubing shall be licensed to [API SPEC 5CT](#) and an [ISO TS 29001](#) certification, or a Purchaser approved equivalent.

When enquiring or placing orders for pipe to be manufactured in accordance to this TOTAL specification the Purchaser shall specify the following details as described in 3.2.

3.2 Requirements to be specified on PO / enquiry

- I. Standard [ISO 11960](#) or [API SPEC 5CT](#) or agreed proprietary specification.
 - II. Seamless or electric-welded
 - III. Quantity
 - IV. Specified outside diameter
 - V. Specified mass (weight) or wall thickness
 - VI. Grade and type where applicable
 - VII. Type of pipe or couplings
- Casing:
 - Threaded or plain-end
 - Threaded & coupled or integral joint
 - Type of connection
 - With or without couplings