

GENERAL SPECIFICATION

Drilling & Wells

GS EP FP 331

Purchase from stock of Conductor Pipe and seamless OCTG in carbon, low alloy and corrosion-resistant material

05	12/2019	General revision - Covers all topics raised during MO Gap Analysis
04	05/2015	Organisation change - January 2015
03	10/2013	Full revision
02	01/2012	Revision of the referential following E&P reorganisation, March 2011 Scope, PSL, waiver and technical requirements modifications
01	09/2009	Update of reference documents
00	10/2006	First issue
Rev.	Date	Purpose of the revision

Owning entity: DSO/FP	Managing entity: DSO/FP
Other Approving entity(ies):	

General Specification		GS EP FP 331
Purchase from stock of Conductor Pipe and seamless OCTG in carbon, low alloy and corrosion-resistant material		
Rev.: 05	Effective date: 12/2019	Page: 2 of 18

Contents

1. Scope	3
2. Reference documents	3
3. Application.....	4
3.1 Waiver / Derogation	4
4. Glossary	4
5. Purchasing Requirements.....	5
5.1 Requirements to be specified on PO / enquiry	5
5.2 Vendor acknowledgement of the Purchase Order	7
6. Quality Management Requirements	7
6.1 Quality Assurance	7
6.2 Quality Control	8
6.3 Third-Party Inspection	8
7. Technical Requirements	9
7.1 Material	9
7.2 Marking	18
7.3 Thread protection	18

General Specification		GS EP FP 331
Purchase from stock of Conductor Pipe and seamless OCTG in carbon, low alloy and corrosion-resistant material		
Rev.: 05	Effective date: 12/2019	Page: 3 of 18

1. Scope

This document 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, accessories and conductor pipes for the use within the Company.

This General Specification is applicable to [API SPEC 5CT](#) and [API SPEC 5CRA](#) material grades and other agreed proprietary grades for OCTG, and to [API SPEC 5L](#) for CP.

This General Specification defines the actions to be taken by the Company and the contractor / supplier / manufacturer of the given material specifically for OCTG and CP coming from a given stock that is outside the control of the Company.

This General Specification does not cover any OCTG or CP products for which the contractor / supplier / manufacturer will place a specific order in an OCTG or CP manufacturing mill.

2. Reference documents

The reference documents listed below form an integral part of this General Specification.

External Documents

Unless otherwise stipulated, the applicable version of these documents, including relevant appendices and addendums, is the latest revision published at the effective date of this document.

Reference	Title
API SPEC 5CRA	Specification for Corrosion Resistant Alloy Seamless Tubes for Use as Casing, Tubing and Coupling Stock
API SPEC 5CT	Specification for Casing and Tubing
API SPEC 5L	Specification for Line Pipe
API SPEC Q1	Specification for Quality Management System Requirements for Manufacturing Organizations for the Petroleum and Natural Gas
ISO 10005	Quality management - Guidelines for quality plans
ISO 14001	Environmental management systems - Requirements with guidance for use

General Specification		GS EP FP 331
Purchase from stock of Conductor Pipe and seamless OCTG in carbon, low alloy and corrosion-resistant material		
Rev.: 05	Effective date: 12/2019	Page: 4 of 18

Total General Specifications

Unless otherwise stipulated, the applicable version of these documents, including relevant appendices and supplements, is the latest revision published in the applicable yearly collection.

Reference	Title
GS EP FP 330	Specification for new seamless OCTG carbon & low alloy material Manufacturing
GS EP FP 335	Specification for new seamless OCTG in corrosion-resistant material Manufacturing
GS EP FP 338	Manufacturing Specification for new welded pipe for conductor pipe application
GS EP FP 339	Manufacturing & Welding of Connectors to Conductor Pipe

3. Application

Coupling material issued from a forging process is not suitable for use by the Company.

3.1 Waiver / Derogation

Any significant deviation from the requirements stipulated in this document shall be approved by the relevant HQ DSO Product line, upon recommendation of the QAQC entity in D&W at HQ following the submission by the D&W entity of the subsidiary of a formal derogation request.

Should the equipment delivered by the Stockist / Distributor / Trader not fulfill the requirements of this General Specification, and should the Stockist / Distributor / Trader not be granted the derogation by the purchaser, then the Third-Party inspection representative will not accept the materials.

4. Glossary

CP	Conductor Pipe
CRA	Corrosion Resistant Alloy
D&W	Drilling and Wells
GRAL	General Rolling Action List: Continuous improvement process tracking system
HQ	Headquarters
IQ-ALL	Integrity & Quality for ALL: Inspection and Vendor Management web application
NCR	Non-conformance Report
NDE	Non-Destructive Examination
OCTG	Oil Country Tubular Goods
PO	Purchase Order
PSL	Product Specification Level

General Specification		GS EP FP 331
Purchase from stock of Conductor Pipe and seamless OCTG in carbon, low alloy and corrosion-resistant material		
Rev.: 05	Effective date: 12/2019	Page: 5 of 18

QAQC	Quality Assurance Quality Control
QCP	Quality Control Plan (also call as QP or ITP in some organisation)
TPI	Third Party Inspection
WT	Wall thickness

5. Purchasing Requirements

The COMPANY should consult **the relevant Company standard** before selecting the Stockist / Distributor / Trader.

The origin of the already manufactured OCTG and CP shall be licensed to [API SPEC Q1](#). The origin shall also possess an [API SPEC 5CT](#) and / or [API SPEC 5CRA](#) license for OCTG and [API SPEC 5L](#) for CP.

When enquiring or placing orders for equipment to be supplied in accordance to this Company specification, the Company shall specify the following details as described in Section 5.1:

5.1 Requirements to be specified on PO / enquiry

The following information, as a minimum, shall be described in the Purchase Order:

- **For OCTG:**
 - I. Standard [API SPEC 5CT](#) or [API SPEC 5CRA](#) or agreed proprietary specification or [GS EP FP 330](#) or [GS EP FP 335](#) or any Company approved quality plan with the given contractor / supplier / manufacturer
 - II. Seamless where applicable
 - III. Product Specification Level
 - IV. Quantity
 - V. Specified outside diameter
 - VI. Specified mass (weight) or wall thickness
 - VII. Grade and type where applicable
 - VIII. Type of pipe or couplings
 - a. Casing:
 - i. Threaded or plain-end
 - ii. Threaded & coupled or integral joint
 - iii. Type of connection
 - iv. With or without couplings
 - v. Special clearance couplings
 - b. Liners:
 - i. Non-upset, external-upset or integral joint
 - ii. Threaded or plain-end

General Specification		GS EP FP 331
Purchase from stock of Conductor Pipe and seamless OCTG in carbon, low alloy and corrosion-resistant material		
Rev.: 05	Effective date: 12/2019	Page: 6 of 18

- iii. Type of connection
 - iv. With or without couplings
 - v. Special clearance couplings
 - c. Tubing:
 - i. Non-upset, external-upset or integral joint
 - ii. Threaded, plain-end, or other connection
 - iii. With or without couplings
 - iv. Special bevel couplings
 - v. Special clearance couplings
 - d. Couplings:
 - i. Type of connection
 - ii. Special bevel
 - iii. Special clearance
- IX. Range length
- X. Drift (special if required)
- XI. Marking requirements
- XII. Thread and storage compound
- XIII. Thread protectors
- XIV. Coatings – (internal / external)
- XV. Packaging instructions
- XVI. Quality assurance requirements
- XVII. Delivery date and shipping instructions
- XVIII. Any already granted deviation from these general-specification requirements

• **For CP:**

- I. Standard [API SPEC 5L](#) or agreed proprietary specification or [GS EP FP 338](#) or any Company approved quality plan with the given contractor / supplier / manufacturer
- II. Quantity
- III. Delivery date and shipping instructions
- IV. Type of pipe
 - a. Specification
 - b. Outside diameter
 - c. Weight per foot or wall thickness