

GENERAL SPECIFICATION

CORROSION

GS EP COR 210

Monolithic insulating joints

10	09/2016	Simplification, new determination of internal coating length
09	05/2015	Organisation change – January 2015
08	10/2013	Up-dating of Total GS references
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Rev.	Date	Purpose of the revision

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1. Scope

This specification deals with the supply of monolithic insulating joints to be installed on pipes to establish an electrical break between the pipe and foreign structures (wellhead, platform, terminal, etc.).

Insulation devices may be installed within piping and pipeline systems where electrical isolation of portions of the system is required to facilitate corrosion control.

Insulating devices shall be installed only when required by General Specifications [GS EP COR 100](#), [GS EP COR 102](#) or [GS EP COR 110](#).

The present specification deals only with the supply of prefabricated monolithic insulating joints.

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 5L	Specification for line pipe
ASTM D5162	Standard Practice for Discontinuity (Holiday) Testing of Nonconductive Protective Coating on Metallic Substrates
ASTM D709	Standard Specification for Laminated Thermosetting Materials
EN 10204	Metallic products - Types of inspection documents

Total General Specifications

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

Reference	Title
GS EP COR 100	Cathodic protection of offshore structures
GS EP COR 102	Design of cathodic protection of submarine pipelines by galvanic anodes
GS EP COR 110	External cathodic protection of onshore structures
GS EP COR 350	External protection of offshore and coastal structures and equipment by painting
GS EP COR 352	Internal protection of equipment by painting