

GENERAL SPECIFICATION

CORROSION

GS EP COR 202

Monitoring systems for cathodic protection of offshore structures
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09	08/2016	Reference electrode min size, installation phases clarification
08	09/2015	General revision
07	05/2015	Organisation Change – January 2015
06	07/2014	General revision including floating structures
00	02/2001	First issue
Rev.	Date	Purpose of the revision

Owning entity: DSO/TEC	Managing entity: DSO/TEC/COR
Other Approving entity(ies):	

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1. Scope

This document describes the monitoring systems to be used for the Cathodic Protection by galvanic anode of all offshore structures (jacket, FPSO or FPU hull, TLP, buoys, etc.).

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
ASTM D1141	Standard Practice for the Preparation of Substitute Ocean Water
IEC 60079-7	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
IEC 60243-1	Electrical strength of insulating materials - Test methods - Part 1: Tests at power frequencies

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 201	Galvanic anodes
GS EP COR 350	External protection of offshore and coastal structures and equipment by painting
GS EP COR 501	Control of cathodic protection of submerged fixed structures
GS EP INS 110	Instrumentation for package units
GS EP STR 301	Fabrication of offshore steel structures

3. Qualification and Certification of Cathodic Protection specialists responsible for the design

Design of cathodic protection monitoring systems for offshore structures shall be carried out exclusively by competent and specialized personnel.

The qualification of each of the specialists working for such a design shall be demonstrated to Company before commencement of the work.