

GENERAL SPECIFICATION

CORROSION

GS EP COR 502

Control by electrical measurements of cathodic protection of submerged pipelines

Rev.	Date	Purpose of the revision
09	10/2017	Additional possible monitoring, simplification
08	09/2016	Cancellation of field gradient, modification of various distances requirements
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1. Scope

This specification describes the requirements for monitoring the efficiency of cathodic protection of underwater pipelines during subsea inspections:

- Either during inspections carried out in order to check the pipe after laying
- Or during subsequent inspection.

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
Not applicable	

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 102	Design of cathodic protection of submarine pipelines by galvanic anodes according to ISO 15589-2

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

Survey of cathodic protection efficiency of sea-lines is the responsibility of competent and specialized personnel. The qualification of those specialists is documented by Contractor before commencement of the work. The verification of the formal Certification of the individuals shall comply with the following requirements:

- Measurements to be carried out by certified personnel at level 3 for NACE International and level 2 for all other certification schemes
- Selection of measurement methods, analysis and verification of results and validation of report to be carried out by certified personnel at level 4 for NACE International and level 3 for all other certification schemes.

Apart from NACE International, the other accepted certification schemes are CEFRA COR Competence (Seawater Application Sector) and APCE (Seawater Application Sector).