

GENERAL SPECIFICATION

CORROSION

GS EP COR 502

Control by electrical measurements of cathodic protection of submerged pipelines

05	08/2012	General clarifications
03	10/2005	Addition of "EP" root to GS identification
02	09/2003	Change of Group name and logo
01	10/2002	Remote electrode method added - Requirement of Certification for specialised personnel
00	02/2001	First issue
Rev.	Date	Purpose of the revision

Owning entity: DEV/TEC

Managing entity: DEV/TEC/COR

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1. Scope

This specification describes the requirements for inspecting 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 later periodic inspections.

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 supplements, 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 supplements, is the latest revision published in the applicable yearly collection.

Reference	Title
Not applicable	

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

Survey of cathodic protection efficiency of sea-lines shall be carried out exclusively by competent specialised personnel. The qualification of each of the specialists working for such a job shall be demonstrated to the Owner before commencement of the job. Therefore the verification of the formal Certification of the individuals shall be carried out as follows:

- Measurements to be carried out by level 2 certified personnel
- Selection of measurement methods, analysis and verification of results and validation of report to be carried out by level 3 certified personnel

Accepted Certification schemes are AFNOR Compétence (Seawater Application Sector), APCE (Seawater Application Sector), Institute of Corrosion, NACE International. Any other Certification scheme should be approved by the Owner.