

GENERAL SPECIFICATION

CORROSION

GS EP COR 402

Design of Jacket Cathodic Protection Retrofit Systems
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1. Scope

This document defines the minimum requirements for the design, calculation methods, selection of equipment and alloy materials, installation and commissioning for retrofitting of external cathodic protection of jackets. Those recommendations should be used also for wharfs, piers, jetties, piles, subsea templates and wells depending the configuration.

Cathodic protection retrofitting shall be implemented using galvanic anodes or preferably impressed current system.

The requirements of the present document supersede those of reference documents, which shall be used in addition when necessary. In particular, the **GS EP COR 100** and **GS EP COR 201** shall be used for all related technical topic not listed in the present documents.

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 100	Cathodic protection of offshore structures
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

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

Design of cathodic protection systems for submarine pipelines are the responsibility of competent and specialized personnel. The qualification of each of the specialists working for such a design is documented by Contractor to Company before commencement of the work.