

GENERAL SPECIFICATION

PIPING VALVES VESSELS

GS EP PVV 811

Diatom earth pre-coat filters

04	05/2015	Organisation change – January 2015
03	10/2009	Update of reference documents
02	10/2005	Addition of “EP” root to GS identification
01	10/2003	Change of Group name and logo
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Rev.	Date	Purpose of the revision

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1. Scope

This document describes the minimum requirements to be observed in the design, construction, inspection and testing of pre-coat filters comprising vertical plates for seawater use.

This type of filter is also called a diatom earth pre-coat filter.

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
API STD 675	Positive displacement pump - Controlled volume
AISC	Specification for the design, fabrication and erection of structural steel for building
ASME B31. 3	Process piping
ASME VIII div. 1	Boiler and pressure vessel code
AWS D1.1	Welder performance and welding procedure qualification
ASTM B633	Standard specification for electro deposited coatings of zinc on iron and steel
ASTM F1941M	Standard Specification for Electrodeposited Coatings on Threaded Fasteners (Metric)
ISO 4042	Fasteners. Electroplated coatings

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
GS EP COR 101	Design of internal cathodic protection of equipment and storage tanks
GS EP COR 201	Supply of sacrificial anodes
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