



Exploration & Production

GENERAL SPECIFICATION

PIPING VALVES VESSELS

GS EP PVV 813

Skid mounted units for static equipment

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1. Scope

This document defines the minimum requirements to meet about the characteristics of the design, construction, inspection and testing of skid-mounted assemblies, for pressures vessels intended for transportation and installation on production facilities.

2. Reference documents

The reference documents listed below form an integral part of this General Specification. Unless otherwise stipulated, the applicable version of these documents, including relevant appendices and supplements, is the latest revision published at the EFFECTIVE DATE of the CONTRACT.

Unless otherwise indicated inside detailed contractual conditions, all reference documents to be used as well as their supplements shall be the latest editions.

Standards

Reference	Title
ASTM A 123	Standard Specification for Zinc (Hot-Dip Galvanised Coatings on Iron and Steel Products
AWS D1.1 or EN 287	Approval testing of welders - Fusion welding
AWS D1.1 or ISO 15614-1	Specification and approval of welding procedures for metallic parts

Professional Documents

Reference	Title
Not applicable	

Regulations

Reference	Title
Not applicable	

Codes

Reference	Title
AISC 9 th edition	Specification for the design, fabrication and erection of structural steel for building
ASME B31.3	Process piping



Other documents

Reference	Title
Not applicable	

Total General Specifications

Reference	Title
GS EP COR 350	External protection of offshore and coastal structures and equipment by painting
GS EP COR 354	External protection of onshore structures and equipment by painting
GS EP COR 356	Corrosion Protection of Fasteners for Subsea and Topsides applications
GS EP PVV 112	Piping material classes
GS EP PVV 771	Thermal insulation (hot service)
GS EP PVV 772	Thermal insulation (cold service)

3. Quality

Before the start of fabrication the Manufacturer must draw up a Quality Plan giving Fabrication (including welding) and Inspection operations. These operations shall be performed according to detailed procedures.

This Quality Plan shall be submitted to the Company for review and specification of his intervention points for inspection.

Before starting construction, the Manufacturer shall also submit his fabrication drawings and welding plan to the Company for approval. Fabrication shall only begin when the Company has approved the documents submitted.

4. General

The overall dimensions and weight of the package shall be adapted to the intended transport mode. If necessary, it may consist of several volumes connectable on the erection site.

The equipment shall be installed and fastened to a metal framework which shall:

- Meet the service conditions imposed by the equipment, such as permissible deflection
- Enable handling operations, particularly during package loading and unloading, and protect the package during operations other than the lifting indicated
- Ensure the integrity of the assembly under the inertia loads generated by transportation
- Enable the assembly to be lifted for its installation on an onshore site.