

GENERAL SPECIFICATION

PIPING VALVES VESSELS

GS EP PVV 151

Valves for high temperature service

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1. Scope

This specification covers the special requirements for the design, manufacture, and testing of valves (other than control or relief valves) in high temperature service for offshore or onshore facilities. For the purpose of this Specification, high temperature is considered as valves with a design temperature above 200°C (Service Class D per [GS EP PVV 154](#), [GS EP PVV 155](#) and [GS EP PVV 157](#) definition).

Other proprietary designs not covered by above listed Company specifications but to be also used at design temperature above 200°C shall also fulfil all design, manufacturing and testing requirements of this specification.

This specification does not cover any high temperature design qualification for valves designed in accordance to [API SPEC 6A](#).

2. Reference documents

The reference documents listed below form an integral part of this General Specification.

Any conflicting requirements between this specification and any other relevant documents shall be reported to the Managing Entity for arbitration. In any case, and notwithstanding the final decision of the Company, the most stringent requirement is always first meant to govern.

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
API SPEC 6A	Specification for Wellhead and Christmas Tree Equipment
ISO 5208	Industrial valves - Pressure testing of metallic valves

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 PVV 154	Ball Valves
GS EP PVV 155	Gate, Globe and Check Valves
GS EP PVV 157	Butterfly Valves

3. Design

Valve design shall be in full compliance with [GS EP PVV 154](#), [GS EP PVV 155](#) and [GS EP PVV 157](#). Additional applicable requirements pertaining for high temperature service are included in this paragraph.