



Exploration & Production

GENERAL SPECIFICATION

HVAC

GS EP HVA 236

Balancing Valves for HVAC Installations

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Rev.	Date	Notes



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1. Scope

The purpose of this specification is:

- to define the characteristics of balancing *valves* to use on chilled water piping and hot water piping for *HVAC* installations,
- to specify the minimum requirements for installations and operating of balancing *valves*.

The words and expressions in CAPITAL characters and *italic* are defined inside the general specification **GS EP HVA 801**.

When other words require a definition only to be used in the present document, then the definition is given in a dedicated paragraph of the present document and the defined word, when used, is marked in small and *italic* letters.

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.

Order of precedence of documents is defined in **GS EP HVA 100**.

Notes:

- In case of discrepancy between documents (whatever the documents and / or whatever origins), the most expensive solution must be quoted by the *BIDDER*. During the studies (Basic Engineering and / or Detailed Engineering) *CONTRACTOR*(s) shall raise the discrepancy in question to the *COMPANY*'s *HVAC SPECIALIST* who will then review and advise which document(s) is (are) to be specified for the project.
- The *HVAC VENDOR* or *CONTRACTOR* may propose proven improvements to the reference documents but must obtain written approval of the *COMPANY* prior to implementation.
- An International Standard is a good "engineering practice" which shall be recognised and taken into consideration by *VENDOR*, *SUPPLIER*, *MANUFACTURER* and/or *CONTRACTOR*. If required, the translation of the standards must be included into *HVAC* scope.

The latest revision of Standards, codes, regulations and the published errata if any must be used and applied by *VENDOR*, *SUPPLIER*, *MANUFACTURER* and *CONTRACTOR*.

Standards

Reference	Title
ASTM A240 / A 240 M	Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications
NF EN 1982	Copper and copper alloys - Ingots and castings
ISO 5752	Metal valves for use in flanged pipe systems – Face-to-face and center to face dimensions