



NATIONAL PETROCHEMICAL COMPANY
STANDARDS

MATERIAL STANDARD
FOR
PRESSURE RELIEF VALVES

NPCS-MS-IN-24

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1 GENERAL

1.1 SCOPE

1.1.1 This standard covers the minimum requirements for the design, materials, nameplate marking, testing and shipping of pressure relief valves (direct spring loaded safety, safety relief and relief valves, all included).

1.1.2 The related standards referred to herein and mentioned below shall be of the latest editions prior to the date of the purchaser's enquiry:

- ANSI B 2.1 Pipe Threads.
- ANSI B 16.5 Pipe Flanges and Flanged Fittings.
- ANSI B16.34 Valves-Flanged, Threaded and Welding End (only for end connection dimension and tolerances).
- API 520 Recommended Practice for the Design and Installation of Pressure Relieving Systems.
- API 526 Flanged Steel Safety Relief Valves.
- API 527 Commercial Seat Tightness of Safety Relief Valves and Metal To Metal Seats.
- API 821-00016 Pressure Relieving Devices.
- ASME Boiler and Pressure Vessel Code

1.1.3 In the event of any conflict between this standard and data sheets, related standards, codes, etc., the vendor should refer the matter to the purchaser for clarifications and only after obtaining the same should proceed with the manufacture of the items in question.

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