



NATIONAL PETROCHEMICAL COMPANY
STANDARDS

MATERIAL STANDARD

FOR
PRESSURE GAUGES

NPCS-MS-IN-14

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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 gauges.

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.

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.

1.1.4 Purchaser's data sheets indicate the materials for pressure element, movement, etc. However, this does not absolve the vendor of the responsibility for proper selection of material against the fluid and its operating conditions and informing the purchaser of any incompatibility.

1.2 BIDS

1.2.1 Vendor's quotation shall include a detailed specification sheet for each item which shall provide all the details regarding type, material of construction, etc. of the gauge and its accessories.

1.2.2 All the units for various items in vendor's specification sheets shall be the same as those in purchaser's data sheets.

1.2.3 All the material specifications for various parts in the vendor's specification sheets shall be to the same standards as those followed in purchaser's data sheets.

1.2.4 Vendor shall attach a list of gauges, tag number-wise, summing up all the deviations if any from the purchaser's data sheets. Also vendor should provide reasons for these deviations wherever possible.

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