



NATIONAL PETROCHEMICAL COMPANY
STANDARDS

MATERIAL STANDARD
FOR
ANNUBAR FLOW ELEMENTS

NPCS-MS-IN-02

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PREPARED BY : PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY (P.I.D.E.C.)



1 GENERAL

1.1 SCOPE

1.1.1 This standard covers the minimum requirements for the design, materials, nameplate marking, testing and shipping of annubar flow elements with their accessories.

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 B16.20 Ring Joint Gaskets
and Grooves for Steel Pipe
Flanges.

1.1.3 In the event of any conflict between this standard and data sheets, codes, etc., 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 will indicate the material for the annubar flow element and its accessories like isolation gate valve, etc. However, this does not absolve the vendor of the responsibility for proper selection with respect to the following :

a) Selection of suitable materials for the annubar and its accessories with respect to the fluid and its operating conditions indicated.

b) Selection of a suitable model of annubar from the vendor's range, suitable for the indicated flow conditions.

1.2 BIDS

1.2.1 Vendor's quotation shall include a detailed specification sheets for each annubar flow element which shall provide all the details regarding type, construction materials, etc., of the annubar and its accessories.

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