



NATIONAL PETROCHEMICAL COMPANY
STANDARDS.

MATERIAL STANDARD
FOR
ELECTRONIC PRESSURE TRANSMITTERS
NPCS-MS-IN-16.
REVISION : 0

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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 design, material, marking and testing of electronic pressure transmitters.

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.

- ISA S20 Spec. Forms for Process Measurement of Control Instruments,....
- ISA S37.3 Spec. & Tests for Strain Gauge Transducers.
- ISA S37.6 Spec. & Tests for Potentiometric Pressure Transducers.
- ASTM A193/A 193M-78 Spec. for Alloy Steel and Stainless Steel Bolting Materials for High Temperature Services.
- ASTM A194-83 Spec. for Carbon and Alloy Steel Nuts for Bolts of High Pressure and High Temperature.

1.1.3 In the event of any conflict between this standard, 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.

1.2 BIDS

1.2.1 Vendor's quotation shall include a detailed specification sheets for each instrument (based on its relevant receiving or measuring element) wherein should be provided all the details regarding type, construction material, etc.

1.2.2 All the units for various items in the 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, e.g. ASTM, BS, etc.

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