



NATIONAL PETROCHEMICAL COMPANY
STANDARDS

MATERIAL STANDARD

FOR
LEVEL SWITCHES

NPCS-MS-IN-13

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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 displacer/float operated level switches.

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 B 16.20 Ring Joint Gaskets and Grooves for Steel Pipe Flanges.
- IEC International Electrotechnical Commission.
- ISA Instrumentation Society of America.
- CENELEC Comite European de Normalisation Electrotechnique.
- ASTM American Society of Testing and Materials.
- BS British Standards.

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.

1.1.4 Purchaser's data sheets indicate the material for body or cage, displacer/float, etc. However, this does not absolve the vendor of the responsibility for proper selection of materials for these parts and instrument accessories with respect to the fluid and its operating conditions.