



NATIONAL PETROCHEMICAL COMPANY  
STANDARDS

MATERIAL STANDARD  
FOR  
TANK LEVEL INSTRUMENTS

NPCS-MS-IN-12

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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 tank level instruments.

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.
- NEC-NFPA 70 National Electrical Code.
- IEC International Electrotechnical Commission.
- CENELEC Comité European de Normalisation Electrotechnique.

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 clarification 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 the level sensor, anchor bar, guide wire, etc. However, this does not absolve the vendor of the responsibility for proper selections with respect to the following items:

- a) Materials for the anchor bar, level sensor, tape guide wire, spring assembly and pulley housing for the indicated fluid and its operating conditions.
- b) Materials for all accessories (when specified), e.g. isolation ball valve, inspection hatch, oil seal, etc.

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