



NATIONAL PETROCHEMICAL COMPANY STANDARDS

MATERIAL STANDARD FOR OXYGEN ANALYSER

NPCS—MS—IN—35

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1 GENERAL

1.1 SCOPE

1.1.1 This standard covers the requirements for the design, materials, nameplate marking, testing and shipping of oxygen Analyzers.

1.1.2 The related standards referred to herein and mentioned below shall be of the latest editions prior to the date on the Purchaser's enquiry:

- ANSI B 2.1 Pipe Threads.
- ANSI B 16.5 Pipe Flanges and Flanged Fittings.
- API PR-550 PART-II Process steam Analyzer.
- NEC-NFPA 70 National Electrical Code.
- NEMA National Electrical Manufacturers Association.
- ASTM American Society of Testing and Material.
- BS British Standards.

1.1.3 In the event of any conflict between this standard, data sheets, related standards, codes, etc., vendor should refer the matter to purchaser for clarifications and only after obtaining the same should proceed with the manufacture of the items in question.

1.1.4 Vendor's extent of responsibility includes selection of materials for all the parts of the Oxygen analyzer system so as to be compatible with the process stream and the surrounding atmosphere as per purchaser's data sheets.

1.2 BIDS

1.2.1 Vendor's quotation shall include a detailed specification sheet for each Oxygen analyzer system which shall contain the following informations:

- a) All the details regarding type, construction, materials, accessories, etc., of the Oxygen analyzer.
- b) Overall dimensions of major units in millimeters.

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