



NATIONAL PETROCHEMICAL COMPANY STANDARDS

MATERIAL STANDARD FOR CENTRIFUGAL FIRE WATER PUMPS

NPCS-MS-RE-06

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1 GENERAL

1.1 SCOPE

1.1.1 This standard covers the minimum requirements for centrifugal fire water pumps, drivers, controllers, accessories and fittings.

1.1.2 All equipment covered by this standard shall be designed for outdoor operation.

1.1.3 Compliance by the pump manufacturer with the provisions of this standard does not relieve him of the responsibility of furnishing pumps and other equipment of proper design, mechanically suited to meet operating guarantees at the specified service conditions.

1.2 REFERENCE STANDARDS AND CODES

1.2.1 In addition to the requirements of this standard the following codes and standards shall given the design and performance of the entire fire water pump system:

- NFPA No. 20 National Fire Protection Association International).
1990 Edition
- IEC International Electrotechnical Commission.
- NEMA National Electrical Manufacturers Association.
- AGMA Standards for Speed Reducer and Coupling.
- Hydraulic Institute Standard, 14th Edition.

NOTE: In case of purchaser's requirement, fire water pumps and its auxiliary equipment shall comply with API-610 and NPCS-MS-RE-01.

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