



NATIONAL PETROCHEMICAL COMPANY
STANDARDS

MATERIAL STANDARD

FOR
'SPECIAL-PURPOSE GEAR UNITS FOR REFINERY SERVICES'

NPCS-MS-RE-19

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1 GENERAL

1.1 Speed reducing and increasing gears shall be supplied in accordance with the specifications of AGMA Standards and special purpose gear units as defined in API 613, Third Edition, April 1988, and the modifications below.

1.2 ALTERNATIVE DESIGN

1.2.1 (Addition)

Metric fasteners and flanges constitute alternative design features and must be cited as an exception in the proposal.

1.3 CONFLICTING REQUIREMENTS

1.3.1 (Substitution)

In case of conflict between the various documents, their order of precedence is as follows:

- a) Purchase order.
- b) Requisition.
- c) Data sheets.
- d) Project specification(s).
- e) This standard.
- f) Referenced industry standards.

1.3.2 (Addition)

All conflicting requirements shall be referred to purchaser in writing. Purchaser will issue confirming documentation, if needed for clarification.

1.3.3 (Addition)

Compliance by manufacturer with the provisions of this standard does not relieve him of his responsibility of furnishing equipment and accessories of proper design mechanically suited to meet the specified service conditions.

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