



NATIONAL PETROCHEMICAL COMPANY  
STANDARDS

MATERIAL STANDARD  
FOR  
LUBRICATION, SHAFT-SEALING, AND CONTROL OIL SYSTEM  
FOR SPECIAL-PURPOSE APPLICATIONS.  
NPCS-MS-RE-1'7

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PART I GENERAL INFORMATION

For the purpose of this standard, the following definitions shall hold:

(Substitution)

The API Standard clause is deleted and replaced by the new clause.

(Deletion)

The API Standard clause is deleted without any replacement.

(Addition)

A new clause with a new number is added.

(Modification)

Part of the API Standard clause is modified, and/or a new description and/or condition is added to that clause.

1 This standard cover the minimum requirements for lubrication, shaft sealing and control oil systems for special purpose applications.

2 This standard is supplemented by the specific requirements contained in the project specification and related data sheets. In case of any conflict, the following order of priority shall governing:

- a) Equipment Technical' Data Sheet.
- b) Project Specification.
- c) This Standard.

3 Compliance by vendor with the provisions of this standard does not relieve him of the responsibility of furnishing equipment of proper design, mechanically suited to meet operating guarantees at the specified operating conditions.

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4 The equipment shall be furnished in accordance with API standard 614 "Lubrication, Shaft Sealing and Control Oil. Systems for Special Purpose Applications" second edition, January 1984, with additions, modifications and exceptions, described in part II of this standard.

5 Any option, as indicated by a bullet (0) in the API Standard 614 and not stated in this standard, will be covered by the data sheet.

6 All documentation shall be issued using the SI system of units, except for:

- Pipe and flange sizes in inches.
- Flange ratings in lbs.
- Pressures in bars.

Air and gas flows at standard conditions in SM<sup>3</sup>/HR referred to 1.013 bar(abs) and 15°C.



PART II MODIFICATIONS TO API 614

The paragraph numbering follows API Standard 614, second edition, January 1984 and each paragraph denotes an addition, modification or substitution.

1 GENERAL

1.3 CONFLICTING REQUIREMENTS

1.3.1 (Substitution)

In case of conflict between documents listed below, the one appearing earlier in the list shall take precedence over those appearing later:

- a) Purchase order.
- b) Equipment data sheets and inquiry of purchase order requisition.
- c) This standard.
- d) Vendor drawings.

1.3.2 (Addition)

Any conflict between the above documents and details generally agreed upon during meetings. Conversations or correspondence with vendor must be brought to purchaser's attention and written approval obtained before proceeding with the manufacture or any work on the part or equipment in question.

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