



## CORPORATE PURCHASING SPECIFICATION

AA 567 07

Rev. No. 02

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### KEROSENE

#### 1.0 GENERAL:

This specification governs the quality requirements of Kerosene.

#### 2.0 APPLICATION:

Suitable for light duty degreasing, general purpose cleaning of metal parts/assemblies, lubricant in machining of aluminium parts and as fuel.

#### 3.0 COMPLIANCE WITH NATIONAL STANDARDS:

The material shall comply with the requirements of the following National standards and also meet the requirements of this specification:

IS: 1459 – 1974(RA-2006) : Kerosine.

#### 4.0 FREEDOM FROM DEFECTS:

The material shall be free from visible water, sediment and suspended matter.

#### 5.0 COMPOSITION:

The material shall consist of refined petroleum distillate.

#### 6.0 TEST SAMPLES:

The test samples for testing and approval shall be drawn as indicated below:

**6.1** To draw a representative sample, the contents of the container selected for sampling shall be mixed as thoroughly as possible by shaking or stirring or both or by rolling, so as to bring all portions into uniform distribution.

**6.2** The samples shall be taken in a suitable, clean, dry air-tight glass bottle of one litre capacity. It should be almost but not completely filled by the sample.

**6.3** In case of failure of first sample, two---- sample shall be drawn from other two drums of the same consignment at random and failure of the second sample in complying with the specification will lead to the rejection of the whole consignment.

#### 7.0 PROPERTIES:

When tested as per IS: 1448, the material shall show the following properties:

**7.1 Acidity, Inorganic (IS: 1448 – P2):** NIL

**7.2 Copper Strip Corrosion for 3 hours at 50°C (IS: 1448 – P 15):**

Not worse than No. 1.

**Revisions:**  
As per 40<sup>th</sup> MOM of MRC -CPO

**APPROVED:**  
INTERPLANT MATERIAL  
RATIONALISATION COMMITTEE-MRC (CPO)

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**7.3 Distillation (IS: 1448 – P 18):**

**7.3.1 Recovery below 200°C** : 20 %, minimum

**7.3.2 Final boiling point** : 300°C, maximum

**7.4 Flash Point (Abel) (IS: 1448 – P 20)** : 35°C, minimum

**8.0 TEST CERTIFICATE:**

Three copies of the test certificates shall be supplied unless otherwise stated in the order. In addition, the supplier must make sure to send one copy of test certificate along with despatch documents to facilitate quick clearance of the material.

The test certificates shall bear the following information.

BHEL Order No:  
AA 567 07, Rev No. 01: Kerosene  
Manufacturer's/Supplier's Name & trade mark, if any  
Batch / Lot No  
Test results of clause 7.0

**9.0 PACKING AND MARKING:**

The material shall be supplied in securely closed mild steel galvanized drums, protected from light and stored in cool well ventilated place.

Each container shall be marked with the following information.

BHEL Order No:  
AA 567 07, Rev No. 02: Kerosene  
Manufacturer's/Supplier's Name & trade mark, if any  
Batch / Lot No  
Date of packed  
Quantity supplied  
Safety precautions/Marking  
Flammable and other details. Each container may also be marked with the BIS certification mark.

**10.0 Environmental Requirements:**

"The supplier shall furnish Material Safety Data Sheet (**MSDS**) covering all information relating to human safety and environmental impacts of the hazardous materials particularly during their transportation, storage, handling and disposal along with each supply.

Each container shall be marked with corresponding symbol and minimum worded cautionary notice for flammable / corrosive / toxic / harmful / irritant and oxidizing etc. as applicable"

**11.0 REFERRED STANDARDS (Latest Publications Including Amendments):**

1. IS: 1447

2. IS: 1448

3. IS: 1459