

	CORPORATE PURCHASE SPECIFICATION		AA 547 01						
			Rev. No. 04						
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METHYL ETHYL KETONE									
1.0 GENERAL This specification governs the quality requirements Methyl Ethyl Ketone, suitable for industrial purposes. The material shall be clear liquid free from suspended impurities.									
2.0 APPLICATION Used as diluent/solvent in paints and varnishes.									
3.0 COMPLIANCE WITH NATIONAL STANDARDS The material shall comply with the requirements of the following national standard and also meet the requirements of this specification. BS : 1940 - 1987 Butanone (Methyl Ethyl Ketone) for industrial use.									
4.0 TEST SAMPLES One sample of one litre per lot. 4.1 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. 4.2 The samples shall be taken in a suitable, clean, dry air-tight glass bottle of one liter capacity. It should be almost but not completely filled by the sample. 4.3 In case of failure of first sample, two samples 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.									
5.0 CHEMICAL COMPOSITION: The material shall essentially consists of butanone, <chem>CH3COC2H5</chem> and shall strictly be adhered to the Type Approved Sample.									
6.0 PROPERTIES When tested in accordance with the relevant clauses of test methods mentioned against each, the test sample shall show the following values:									
6.1 General Appearance: Colourless.									
6.2 Density (BS: 4522 - Test method): 0.803 to 0.805 at 20 ± 2°C. g/ml									
6.3 Residue on Evaporation (BS:4524 – Test method): 20 ppm, by mass of residue, maximum.									
6.4 Distillation Range (BS 4591 / ISO 918): <table style="width: 100%; border: none;"> <tr> <td style="width: 40%;">Initial boiling point</td> <td>: 79° C at 760mm of Hg</td> </tr> <tr> <td>Dry point</td> <td>: 81° C at 760 mm of Hg</td> </tr> </table>						Initial boiling point	: 79° C at 760mm of Hg	Dry point	: 81° C at 760 mm of Hg
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Revisions: As per 40 th MOM of MRC -CPO			APPROVED: INTERPLANT MATERIAL RATIONALISATION COMMITTEE-MRC (CPO)						
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7.0 TYPE APPROVAL

Samples:

Samples for type approval testing shall be accepted only from those manufacturers whose manufacturing and testing facilities are considered satisfactory to ensure continuous supply of good product.

8.0 TEST CERTIFICATES

Three copies of test certificates shall be supplied alongwith each consignment, giving the following information:

In addition, the supplier shall ensure to enclose one copy of the test certificate alongwith the despatch documents to facilitate quick clearance of the material.

AA 547 01, Rev. 04 : Methyl Ethyl Ketone

BHEL Order No.

Batch / Lot No.

Supplier's/ Manufacturer's Name and Trade mark, if any

Date of manufacture and expiry

Test results of clause 5.0 and 6.0.

9.0 PACKING & MARKING

The material shall be supplied in bulk or in galvanized drums, as stated in order which shall be leak free, dry, clean and free from substances soluble in Methyl Ethyl Ketone.

Each container shall bear the following information:

AA 547 01: Methyl Ethyl Ketone

BHEL Order NO.

Supplier's / Manufacturer's Name and Trade mark, if any

Batch No.

Quantity supplied

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 alongwith 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. BS: 4522

2. BS 4524

3. BS 1940

4. BS 4591

5. ISO: 918