



CORPORATE PURCHASING SPECIFICATION

AA56710

Rev No. 00

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CARBON TETRA CHLORIDE - TECHNICAL

1.0 GENERAL:

This specification governs the quality of Carbon Tetrachloride (C Cl₄) Technical.

2.0 APPLICATION:

For general industrial purposes.

3.0 COMPLIANCE WITH NATIONAL STANDARDS:

The material shall comply with the requirements of:

IS: 718 – 1977: Specification for Carbon Tetrachloride.
Gr: Technical

4.0 TEST SAMPLES:

Sample shall be drawn as per Appendix - B of IS: 718.

5.0 PROPERTIES:

When tested as per test methods given in Appendix A of IS: 718, the material shall show the following properties:-

5.1 Relative density at 27°C/27°C:

1.580 to 1.592

5.2 Distillation range at 760 mm Hg:

2 to 97 ml shall distil between 75.8 to 77.2°C.

5.3 Non-volatile matter:

0.01% max. by mass.

5.4 Acidity or alkalinity:

Neutral.

5.5 Spot Test:

To pass test.

5.6 Free Chlorine:

To pass test.

Revisions:

Cl.25.11.1 of MOM of MRC(C)

APPROVED:

INTERPLANT MATERIAL RATIONALISATION COMMITTEE – MRC(CPO+NM)

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SPECIFICATION****6.0 TEST CERTIFICATES:**

Unless otherwise stated, three copies of test certificates shall be supplied along with each consignment, giving the following information:

In addition, the supplier shall ensure to enclose one copy of the test certificates along with their despatch documents to facilitate quick clearance of the material

AA56710: CARBON TETRA CHLORIDE - TECHNICAL.

BHEL Order No.

Manufacturer's/ Supplier's Name

Trade Mark, if any.

Date of Manufacture.

Test results of Clause 5.0

7.0 PACKING & MARKING:

The material shall be supplied in suitable containers well closed. Each container shall be legibly marked with following information:

AA56710: CARBON TETRA CHLORIDE - TECHNICAL.

BHEL Order No.

Manufacturer's/ Supplier's Name

Trade Mark, if any

Batch/Lot No.

Date of Manufacture

Quantity supplied

All containers in which the material is stored or transported shall be prominently and clearly marked with the following:

"VOLATILE, POISONOUS SOLVENT. USE WITH ADEQUATE VENTILATION. AVOID PROLONGED BREATHING OF VAPOUR; AVOID CONTACT WITH FLAME OR HOT SURFACE".

The containers may also be marked with the BIS certification mark.

8.0 REFERRED STANDARDS (Latest Publications including amendments)

NIL