



CORPORATE PURCHASE SPECIFICATION

AA 54201

Rev. No. 03

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CAUSTIC SODA - TECHNICAL

1.0 GENERAL :

This specification governs the quality requirements of Caustic Soda, Technical Grade.

2.0 COMPLIANCE WITH NATIONAL STANDARDS:

The material shall comply, with the requirements of the following national standard and also meet the requirements of this specification.

IS: 252-1991, Gr. Technical : Caustic Soda-Gr:Pure and Technical

3.0 TEST SAMPLES: As per IS : 252.

4.0 CHEMICAL PROPERTIES:

When tested as per relevant clauses of IS: 252, the material shall show the following properties.

- i) Sodium Hydroxide (as NaOH) : 95.00% min., by mass
- ii) Chlorides and Sulphates : 3.5% max., by mass
(as NaCl + Na₂SO₄)
- iii) Iron (as Fe) : 350 ppm maximum
- iv) Matter insoluble in water : 0.020% max., by mass

5.0 TEST CERTIFICATES:

Unless otherwise specified, 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 test certificate along with their dispatch documents to facilitate quick clearance of the material.

AA 542 01, Rev No. 03 : Caustic Soda - Technical Grade.

BHEL Order No.

Manufacture's/Supplier's Name.

Batch/lot No.

Date of Manufacturer and expiry, if any

Test results of clause 4.0 / conformation to IS: 252.

Revisions :

Cl: 34.11.19 of MOM of MRC-CPO

APPROVED :

INTERPLANT MATERIAL
RATIONALISATION COMMITTEE-MRC (CPO)

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6.0 PACKING AND MARKING:

As per IS : 252.

7.0 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.

8.0 REFERRED STANDARDS (Latest Publications Including Amendments)

- 1. IS:252