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CORPORATE PURCHASING SPECIFICATION

AA54201

Rev No. 03

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CAUSTIC SODA - TECHNICAL

1 GENERAL

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

2 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 TEST SAMPLES

As per IS 252

4 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
(as NaCl + Na ₂ SO ₄) | : | 3.5% max., by mass |
| iii) Iron (as Fe) | : | 350 ppm maximum |
| iv) Matter insoluble in water | : | 0.020% max., by mass |

5 TEST CERTIFICATES

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

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BHEL Order No.

Manufacturer's/Supplier's Name.

Batch/lot No.

Date of Manufacturer and expiry, if any

Test results of clause 4 / conformation to IS 252

Revisions:
As per clause 44.3 a) of MOM of MRC-CPO+NM

APPROVED:
INTERPLANT MATERIAL RATIONALISATION
COMMITTEE & MRC(CPO+NM)

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Reaffirmed

Prepared
HEP, Bhopal

Issued
Corp.R&D

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01-01-1985

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**6 PACKING AND MARKING**

As per IS 252

7 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.

8 REFERRED STANDARDS (Latest Publications Including Amendments)

NIL