

	CORPORATE PURCHASING SPECIFICATION	AA54201 Rev No. 03 PAGE 1 of 2																		
CAUSTIC SODA - TECHNICAL																				
<p>1 GENERAL</p> <p>This specification governs the quality requirements of Caustic Soda, Technical Grade.</p> <p>2 COMPLIANCE WITH NATIONAL STANDARDS</p> <p>The material shall comply, with the requirements of the following national standard and also meet the requirements of this specification.</p> <p>IS 252-1991, Gr: Technical: Caustic Soda-Gr:Pure and Technical</p> <p>3 TEST SAMPLES</p> <p>As per IS 252</p> <p>4 CHEMICAL PROPERTIES</p> <p>When tested as per relevant clauses of IS 252, the material shall show the following properties</p> <table style="margin-left: 40px; border: none;"> <tr> <td>i) Sodium Hydroxide (as NaOH)</td> <td style="text-align: center;">:</td> <td>95.00% min., by mass</td> </tr> <tr> <td>ii) Chlorides and Sulphates</td> <td style="text-align: center;">:</td> <td>3.5% max., by mass</td> </tr> <tr> <td colspan="3" style="padding-left: 20px;">(as NaCl + Na₂SO₄)</td> </tr> <tr> <td>iii) Iron (as Fe)</td> <td style="text-align: center;">:</td> <td>350 ppm maximum</td> </tr> <tr> <td>iv) Matter insoluble in water</td> <td style="text-align: center;">:</td> <td>0.020% max., by mass</td> </tr> </table> <p>5 TEST CERTIFICATES</p> <p>Unless otherwise specified, three copies of test certificates shall be supplied along with each consignment giving the following information</p> <p>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.</p> <p>AA54201, Rev No. 03: CAUSTIC SODA - TECHNICAL</p> <p>BHEL Order No.</p> <p>Manufacture's/Supplier's Name.</p> <p>Batch/lot No.</p> <p>Date of Manufacturer and expiry, if any</p> <p>Test results of clause 4 / conformation to IS 252</p>			i) Sodium Hydroxide (as NaOH)	:	95.00% min., by mass	ii) Chlorides and Sulphates	:	3.5% max., by mass	(as NaCl + Na ₂ SO ₄)			iii) Iron (as Fe)	:	350 ppm maximum	iv) Matter insoluble in water	:	0.020% max., by mass			
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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