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CORPORATE PURCHASING SPECIFICATION

AA55612

Rev No. 02

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SODIUM BICHROMATE –TECHNICAL

1 GENERAL

This specification governs the quality requirements of 'Sodium Bichromate – Technical' grade.

2 APPLICATION

For pickling of copper coils/bars.

3 COMPLIANCE WITH NATIONAL STANDARDS

The material shall comply with the requirements of:

IS 249-1979 : Sodium Bichromate, Technical

4 TEST SAMPLES

As per clause 4 (Appendix B) of IS 249

5 CHEMICAL PROPERTIES

When tested as per relevant clause of Appendix A of IS 249, the material shall show the following properties:

Sodium Bichromate (as $\text{Na}_2\text{Cr}_2\text{O}_7$): 99.0% by mass, minimum

Note: Requirement is on dry basis.

6 TYPE TESTS

6.1 Chlorides (as Na Cl)

0.05% by mass, maximum

6.2 Calcium compounds (as Ca SO_4)

0.15% by mass, maximum

6.3 Water insoluble matter

0.05% by mass, maximum

6.4 Free moisture and combined water

13.0% by mass, maximum

6.5 Sulphates (as Na_2SO_4)

0.65% by mass, maximum

6.6 pH value (of aqueous solution)

3.7 to 4.3.

Note: Requirements against 6.1 to 6.3 and 6.5) are on dry basis.

Revisions:
As per clause 44.4.a) of MOM of MRC-CPO+NM

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

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Reaffirmed

Prepared
HEEP, Haridwar

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**7 TEST CERTIFICATES**

Three copies of test certificates shall be supplied along with each consignment.

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

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BHEL Order No.

Batch / Lot No.;

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

Test results of clauses 5 and 6

8 PACKING & MARKING

As per clause 3 of IS 249

9 REFERRED STANDARDS (Latest Publications Including Amendments)

Nil