



CORPORATE PURCHASING SPECIFICATION

AA11314

Rev No. 03

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ALUMINIUM NOTCHED BARS AND SHOTS

1 GENERAL:

This specification governs the quality requirements of Aluminium Notched Bars and Shots for use in steel melting shops.

2 APPLICATION:

Used as a deoxidiser of steel, in steel melting process.

3 CONDITION OF DELIVERY:

When supplied as notched bars, the weight of each bar shall be 1 to 1.5 kg or mutually agreed upon by BHEL and supplier.

4 SHOTS:

When supplied as shots, the grain size of each shot shall be 3 to 8 mm.

5 FREEDOM FROM DEFECTS:

The material shall be free from dress, slag and other harmful contaminants. The surface of the material shall be free from heavy oxidised coating.

6 TEST SAMPLE:

As per IS: 1817

7 CHEMICAL COMPOSITION:

The material, when analysed in accordance with IS: 504, shall have the following composition.

Aluminium : 99% minimum

Zinc : 1% maximum

8 INSPECTION AT SUPPLIER'S WORKS:

- 8.1 BHEL reserves the right to witness the testing of the material at supplier works and therefore the supplier shall notify BHEL in advance about the readiness of the material for inspection and testing.
- 8.2 BHEL may also opt for third party inspection. If so, BHEL may either specify a third party or else give a list of third party inspection agencies, out of which supplier may select one of his choice.
- 8.3 The supplier shall offer BHEL's representative all reasonable facilities, without charge to satisfy the latter that the material is being furnished in accordance with this specification. The supplier shall prepare and provide necessary test specimens for testing to be carried out at his premises. If facilities are not available at his works, the supplier shall make necessary arrangements for carrying out the prescribed tests elsewhere.
- 8.4 BHEL may, at its discretion, test the material after receipt and acceptance of the material will be based on the BHEL's test results.

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| Revisions: As per Clause 27.2 of MOM of MRC-FN | | | APPROVED: INTERPLANT MATERIAL RATIONALISATION COMMITTEE – MRC(FN) | | |
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