



PLANT PURCHASE SPECIFICATION (CFFP - HARDWAR)

FF 05061 Rev02

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PURE NICKEL

1. SCOPE

This specification governs the quality of Nickel with the following requirements.

2. APPLICATION

The material shall be used as alloying addition for manufacturing of alloy steel.

3. CONDITION OF DELIVERY

The material shall be supplied in the form of square / rectangular plates having the size up to 100x100 mm.

4. COMPLIANCE WITH NATIONAL STANDARDS

The specification in general is based on Indian standards specification
IS: 2782-1964. Primary Nickel

5. TEST SAMPLE:

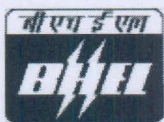
As per clause no 6.0 of IS:2782-Primary Nickel

6. CHEMICAL COMPOSTION

The material shall conform to the following chemical composition when it is analyzed in accordance with IS: 2766-part1.

ELEMENT	% MIN	%MAX
Nickel	99.0	-
Cobalt	-	0.50

RMI	S. N.GHOSH	WORKED BY	M.K.SAHU
MPIC	N.K.VERMA	CHECKED BY	RANJAN
CHAIRMAN CPSC	R.PARASARATHY	SECRETARY PPSC	Dr. M.S.RAWAT
APPROVED : PLANT STANDARDS COMMITTEE			
PREPARED : SMS TECH		ISSUED : Steel Melting Shop	DATE : 30-07-10



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7. INSPECTION

- CFFP reserves the right to witness the testing of the material at supplier works and therefore the supplier shall notify the readiness of the material in advance.
- CFFP may, at its discretion, test the material after receipt and acceptance of the material will be based on the CFFP's test results.
- For result of analysis and properties of material the decision of CFFP shall be final and binding on the supplier.

8. TEST CERTIFICATES

One Original and three copies of Test Certificate from the **Manufacturer** containing the following information **along with test result of clause 3 and the chemical composition as per clause 6** should be provided.

Manufacturer's Name

Name of the material

Batch/Lot No.

Quantity.

Note:

- A manufacturer supplying directly to BHEL should include BHEL's P.O. No. and Challan No. also in the TC.
- Any other supplier should provide a covering letter along with original Manufacturer's TC as above mentioning BHEL's P.O. No. and Challan No.

9. PACKING AND MARKING

Packing should be in **TAMPER PROOF METALLIC** drum such as to prevent loss / deterioration in quality during handling, transport and storage. It should be in the original manufacturer's packing. Each package should be marked with the following details.

Name of the material

Manufacturer's Name / Trade mark

Batch/Lot No.

Net weight.

10. REFERRED STANDARDS

IS:2782-1964 :Primary Nickel, IS:2766- part 1, AA 11315 (Corporate specification BHEL)

WORKED
BY

M.K.SAHU

M.K. Sahu

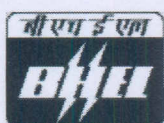
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BY

RANJAN

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30.07.10



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REVISION RECORD SHEET

SN	Revision No.	Revision date	Nature of Changes
01.	01	07.09.2009	-Clauses 8 and 9 revised incorporating requirement of manufacturer's packing and Test certificate.
02	02	30.07.2010	- In clause no 3.0 the 100 mm square plate has been replaced by square / rectangular plates of size up to 100X100 mm. - Clause no 6.0: Silicon and Tungsten has been removed from the chemical composition. -Clause no 9: Tamper proof metallic drum incorporated in packing clause as per SP No 0612 Dated 11.03.2010.

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