



PLANT PURCHASE SPECIFICATION

(CFFP - HARDWAR)

FF 05056 Rev01

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FERRO ALUMINIUM (Fe-Al)

SCOPE

This specification governs the quality of Ferro Aluminum with the following requirements.

2. APPLICATION

The material shall be used for melting and refining of steel.

3. CONDITION OF DELIVERY

The material shall be supplied in lumps of size 20-60 mm.

4. COMPLIANCE WITH NATIONAL STANDARDS

The specification in general is based on Indian standards specification IS 1387-1967;

5. FREEDOM FROM CONTAMINATION

The material shall be free from extraneous contamination such as slag.

6. CHEMICAL COMPOSITION

The material shall conform to the following chemical composition when it is analyzed in accordance with IS1387-1967.

ELEMENT	% MIN	%MAX
Al	35	40
Si	0.1	4
Fe	60	65

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RMI	S.N.GHOSH		WORKED BY	M.K.SAHU.	
MPIC	SHYAM BABU		CHECKED BY	RANJAN	
CHAIRMAN CPSC	K.B.SUBRAMANYAM		SUPERVISED BY	S.V.S.NARAYANA	
			APPROVED : PLANT STANDARDS COMMITTEE		
			PREPARED : SMS TECH	ISSUED : Steel Melting Shop	DATE : 07/09/09

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COPYRIGHT AND CONFIDENTIAL The information on this document is the property of Bharat Heavy Electricals Limited. It must not be used directly or indirectly in any way detrimental to the interest of the company.	7. INSPECTION			
	<ul style="list-style-type: none"> • 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 any deviation from this specification prior approval shall be taken by the supplier. • For result of analysis and properties of material the decision of CFFP shall be final and binding on the supplier. • If the material is not conforming to this specification, it is liable to be rejected and the supplier shall replace the same. 			
	8. TEST CERTIFICATES			
	One Original and three copies of Test Certificate from the original manufacturer containing the following information should be provided.			
	Manufacturer's Name Name of the material Batch/Lot No. Quantity.			
	Note:			
	a) A manufacturer supplying directly to BHEL should include BHEL's P.O. No. and Challan No. also in the TC.			
	b) 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 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.			
	WORKED BY	M.K.SAHU		07/09/09
	CHECKED BY	RANJAN		07/09/09

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REVISION RECORD SHEET

SN	Revision No.	Revision date	Nature of Changes
01.	04	17.07.2006	-Packing clause modified.
02.	05	07.09.2009	-Clauses 8 and 9 revised incorporating requirement of manufacturer's packing and Test certificate.

ISSUED BY:	SMS	WORKED	M.K.SAHU <i>M.K. Sahu</i>
REVISION	05	DATE: 07/09/09	CHECKED RANJAN <i>Ranjan</i>
AGREED	PLANT PUR. SPEC.COMMTTEE	APPROVED	P.P.S.C.