

PLANT PURCHASE SPECIFICATION

(CFFP - HARDWAR)

FF 05063 Rev 3

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SILICO CALCIUM

1. SCOPE ·

This specification governs the quality of Silico Calcium granules with the following requirements.

2. APPLICATION

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

3. CONDITION OF DELIVERY

A) The size should be in the range of 2 - 5 mm.

4. COMPLIANCE WITH NATIONAL STANDARDS

The specification in generally is based on Indian standards specification IS 2022-1997; Grade: CaSi35.

5. FREEDOM FROM CONTAMINATION

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

6. CHEMICAL COMPOSTION

The material shall conform to the following chemical composition when it is analyzed in accordance with IS: 2018-1998.

ELEMENT	% MIN	%MAX
Silicon	60	65
Calcium	30	. 35 .
Carbon	-	1
Sulphur	-	0.03
Phosphorus	handra Carallana and	0.05 .
Aluminium	-	1.50
Iron	-	4.00

.		RMI	S.N.GHOSH	Λ	WORKED BY	M.K.SAHU	When
		MPIC	SHYAM BABU	Manuel	CHECKED BY	RANJAN	1 Changan
-		CHAIRMAN CPSC	K.B.SUBRAMANYAM (Knimanyaww	SUPERVISED BY	SVS NARAYANA	In a your
					APPROVED : PLANT STANDARDS COMMITTEE		
- 1							
			- 1		PREPARED : SMS TECH	_	DATE :

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RANJAN

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-	7. INSPECTION				
	• CFFP reserves the right to witness the testing of the material	at suppli	er w	orks	and
	therefore the supplier shall notify the readiness of the material in	advance.			
	 CFFP may, at its discretion, test the material after receipt and account will be based on the CFFP's test results. 	ceptance of	of the	mate	erial
	 For any deviation from this specification prior approval shall be to 	aken by th	e sur	plier	
	 For result of analysis and properties of material the decision of 			_	
	binding on the supplier.				
AND CONFIDEN 11AL rins is the property of Bharat Heavy Electrical edg or indirectly in any way detrimental to the set of the company	 If the material is not conforming to this specification, it is liable supplier shall replace the same. 	e to be re	jecte	d and	the
detnim	8. TEST CERTIFICATES				
CONFIDEN LIAL i property of Bharal Heavy directly in any way defrime company					
rectly in company	One Original and three copies of Test Certificate from the Original m	anufactu	rer c	ontair	ning
or indip	the following information should be provided.				
lirectly terest	Manufacturer's Name				
Limited.It must not be used directly or indirectly or indirectly or indirectly or indirectly of the or	Name of the material				
st not b	Batch/Lot No. Quantity.				
ed. It mu	. Note:				
	 a) A manufacturer supplying directly to BHEL should include B Challan No. also in the TC. 	HEL's P.	O. No	o. and	l
	 b) Any other supplier should provide a covering letter along with Manufacturer's TC as above mentioning BHEL's P.O. No. a 	_).	
	9. PACKING AND MARKING				
	Packing should be such as to prevent loss / deterioration in quality during				
	storage. It should be in the Original manufacturer's packing . Each pawith the following details.	ckage sho	uld b	e ma	rked
	Name of the material				
	Manufacturer's Name / Trade mark				
	Batch/Lot No.				
	Net weight.				

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REVISION RECORD SHEET

SN	Revision No.	Revision date	Nature of Changes
01.	02	12.01.2004	-Packing clause modified.
02.	03	07.09.2009	-Clauses 8 and 9 revised incorporating requirement of manufacturer's packing and Test certificate.
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ISSUED BY:	SMS	WORKED	M.K.SAHU	Mahu
REVISION	03 DATE: 07/09/09	CHECKED	RANJAN	Ranjon
AGREED	PLANT PUR. SPEC.COMMTTEE	APPROVED	P.P.S.C.	1,