

सिस्टम एवं इलेक्ट्रॉनिक्स
& DATE



संस्थान क्रय विनिर्देश (सी.एफ.एफ.पी. - हरिद्वार)

FF 05037 Rev

पृष्ठ का
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PLANT PURCHASE SPECIFICATION

(CFFP - HARDWAR)

SUPERSEDES
INVENTORY NO.

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स्वतंत्र अधिकार एवं गोपनीयता इस दस्तावेज़ में दी गई सूचना अलग से की जा सकती है। इस दस्तावेज़ में दी गई सूचना का उपयोग केवल केवल के लिए ही किया जाना है।

CERAMIC FIBRE BLANKETS AND MODULES AND CUPLOCKS

1. GENERAL

This specification governs the quality requirements of fibre blankets and modules, cuplocks and studs.

2. APPLICATION

Ceramic Fiber Blankets and Modules are used in lining of heat treatment furnaces of steel foundry and Forge shop.

3. PROPERTIES

4. CHEMICAL COMPOSITION

4.1 Blankets and Modules

Cuplocks

(zirconia grade)

Al 03	32-36%	37-40%
Si 02	44-48%	55-60%
Zr 02	16.5-19.5%	-----
Fe 203	-----	1.5 % Max.
Others	Traces	-----

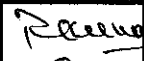
4.1 Density (Kg/m³)

Blankets	a) 64	b) 96	c) 128
Modules	a) 160	b) 190	
Cuplocks	2000		

4.2 Thermal Conductivity (W/MK) at mean temperature of 600°C)

Blankets	0.125
Modules	0.139

रजिस्ट्रार एवं सिस्टम	RMI			अनुवादक TRANSLATED BY	Rajiv Kumar	P. K. Khundelwal
	MPIC			निर्माणकर्ता WORKED BY	Rajiv Kumar	P. K. Khundelwal
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	सहमत विभाग AGREED DEPTT.	नाम NAME	कार्यकाल एवं हस्ताक्षर DATE & SIGNATURE	पर्यवेक्षक SUPERVISED BY	L. K. Khundelwal	Suz
				अनुमोदित : संस्थान मानक समिति APPROVED : PLANT STANDARDS COMMITTEE		

दिनांक एवं हस्ताक्षर SIGN & DATE		संस्थान कय विनिर्देश (सी.एफ.एफ.पी - इरिद्वार) MASTER COPY PLANT PURCHASE SPECIFICATION (CFFP - HARDWAR)	FF 05037 Rev पृष्ठ का Page 2 of 2
समुपरी सूची संख्या को SUPERSEDES INVENTORY NO.	4.2 Classification temperatures fiber blankets & Modules 1425°C 4.3 S.S. studs for blankets : ss-310 quality steel, length 200 mm. 5. Whenever specified, tests and inspection are to be conducted in presence of BHEL 's representative. The supplier shall notify BHEL in advance about the readiness of the material for inspection and testing. BHEL reserves the right to test one or all properties of the material on surveillance basis at BHEL's works and final acceptance of material shall be based on these test results.		
COPYRIGHT AND CONFIDENTIAL The information on this document is the property of Bharat Heavy Electrical Limited. It must not be used directly or indirectly in any way detrimental to the interest of the company.	6. TEST CERTIFICATES Unless and otherwise stated, three copies of test certificates shall be supplied along with each consignment giving following information. One copy may be enclosed with despatch documents to facilities quick clearance of the material. FF 05037..... Class/Grade BHEL Order No. Manufacturer's Name Trade Mark, if any Batch/Lot No. Quantity supplied Test results of clause - 4 7. PACKING AND MARKING The material shall be suitably packed in corrugated boxes after wrapping in polythene to avoid damage during transit. Each consignment shall be legibly marked with following information : FF 05037..... BHEL Order No. Manufacturer's Name Batch/Lot No. Trade Mark if any/Grade Quantity supplied.		
स्वतंत्राधिकार एवं गोपनीयता संपूर्णतः है इसका प्रयोग एवं आश्रयण एवं प्रसारण के बिना की जाये, जो कि कंपनी के हित में हानिकारक हो न सके।	8. INSPECTION AT SUPPLIER'S WORKS Whenever specified on P.O. pre-Shipment Inspection at supplier's works will be done by BHEL or its authorised representative. The supplier shall notify BHEL in advance about the readiness of material for inspection and testing. BHEL resume the right to test one or all the parameters of the materials on surveillance basis at BHEL works and final acceptance of material shall be based on these test results.		
हस्ताक्षर एवं दिनांक SIGN & DATE			
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		LK Khundel 	