

सामग्री प्रबन्धन (क्रय विभाग)

MATERIAL MANAGEMENT (PURCHASE)

सेन्ट्रल फाऊन्ड्री फोर्ज् प्लान्ट, भारत हैवी इलैक्ट्रिकल्स लिमिटेड

CENTRAL FOUNDRY FORGE PLANT, BHEL HARDWAR

रानीपुर, हरिद्वार (भारत)

RANIPUR, HARIDWAR (INDIA) - 249403

Phone No. +91-1334-285326/284548, FAX No. 225892

e-mail lpbadoni@bhelhwr.co.in

Ref: FF/PPX/EOI/10 Dt. 01/06/2009

Sub: EXPRESSION OF INTEREST FOR SUPPLY OF DRY RAMMING MASS

FOR EAF FOR STEEL MELTING SHOP.

Dear Sir,

CFFP/BHEL has huge requirement for following item and thus desires Expression of Interest from interested vendors for supply of this item.

EOI NO.	Description	Due date
FF/PPX/EOI/10	Dry Ramming Mass for EAF for Steel	06/07/2009
	Melting Shop.	2.00 P.M.

You are requested to please submit your interest along with Supplier Registration Form (which can be downloaded from our web site www.bhel.com).

Kindly note that supplier registration form is mandatory requirement for processing your application against this Expression of Interest.

Thanking you.

(L.P. Badoni) Engineer (Pur) CONTROLLED COT



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NEIDENTIAL

टे एवं अा...नीयक इव प्रतेख में यो गई पूलन भारत की सम्पति है इसका प्रतान एवं अप्रत्यक्त का है किस्छै अर्थ ए प्रतेश, जो कि बंधनी के किस में हामिक्स्प्र

स्वत्वाधिकार एवं ग. हक्ष इलीक्ष्ट्रब्य स सम्बत्त । तह क्रका, जो

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

FF 05022Rev 02 पृष्ठ का Page 1 of 2

PLANT PURCHASE SPECIFICATION (CFFP - HARDWAR)

<u>DRY RAMMING MASS (BASIC)</u> <u>Material code:FF 5365768027</u>

1.0 GENERAL:

This specification governs the requirements of Magnesite Ramming Mass used for patching the hearth and banks of Electric Arc Furnaces in hot condition.

2.0 APPLICATION

Dry ramming mass is used to patch up hearth and banks of Electric Arc Furnaces in red hot condition between heats.

3.0 REFFERENCE NATIONAL STANDARDS ?

There is no National standard for this material.

4.0 CHEMICAL COMPOSITION:

The material when analyzed in accordance with IS-1527 and IS-1528 shall have the following composition:

Constituent	Content					
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	Minimum (%)	Maximum (%)				
MgO	82	-				
CaO	9	14				
Fe ₂ O ₃	-	' 6				
SiO ₂	-	1.5				
Al ₂ O ₃	-	1				
Na ₂ O + K ₂ O		0.1				
Loss on Ignition	-	0.5				

5.0 PHYSICAL PROPERTIES:

Basic ramming mass shall conform to the requirements given below.

Property	Requirement	Reference for testing		
Grain Size, mm	0 - 5	IS 1528 (Part 14)		
Percentage, retained above maximum size, Max	5	IS 1528 (Part 14)		
Bulk Density, gm/cc, at 110 °C/24 h, Min	2.2	IS-10047		
Maximum service temperature (°C)	1750			
Sintering Temperature (°C)	1200			
Water Required	None			
Refractoriness, (Orton/°C), Min	38/ 1835	IS-1528 (Part 2)		

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मानवी युवी रांक्या को अधिवासित करता ।।	7.0 BHEL may, at its discretion, witness the testing of the material at vendor's works and therefore the vendor shall notify the readiness of the material in advance. BHEL reserves the right to test the material after receipt and accept/reject the material based on these test results.											
COPYRIGHT AND CONFIDENTIAL. The information on this document in the repeate of Butura Heavy Bleetrial. Limited It must not be used directly or an expression of the company interest of the company.		Test certifishould pro The TC/	FF 0500 BHEL'S Manufac Batch/Lc Quantity Tests res	anufacturer should ming ma 22 Rev (P.O. No turers No t No.(F supplie ults (Re	s TC with a discontain the ass (Basic) 02 02 02 02 02 02 02 03 02 04 05 05 05 05 05 05 05 05 05 05 05 05 05	following mark n with the	informat informat material	ion: supplied)				
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