

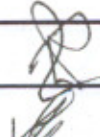






रचित एवं हस्ताक्षर SIGN & DATE			संस्थान क्रय विनिर्देश (सी.एफ.एफ.पी. - हरिद्वार)		FF06003 Rev 04																																										
	PLANT PURCHASE SPECIFICATION (CFFP - HARDWAR)		पृष्ठ 1 का Page 1 of 4																																												
SUPERSEDES INVENTORY NO. सार्वजनिक सूची संख्या को अधिकतम कर	IRON POWDER FOR USE IN FOUNDRIES																																														
	1.0 General This specification governs the requirement of Iron powder used in Foundry.																																														
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	3.0 Compliance with national standard There is no equivalent National Standard available.																																														
स्वतंत्रताधिकार एवं गोपनीयता इस प्रलेख में दी गई सूचना भारत में ही प्रयोग के लिए है। इसका प्रसारण एवं उपयोग अन्य से किया जा सकता है, जो कि कंपनी के हित में हितकर हो न हो।	4.0 Grain Size: The grain size of the material shall be as under when determined by sieving using Indian Standard Sieves :																																														
	<table border="1"> <thead> <tr> <th>Sieve Size</th> <th>% of iron powder retained on the sieve</th> </tr> </thead> <tbody> <tr> <td>+212 microns</td> <td>0</td> </tr> <tr> <td>+180 microns</td> <td>2 (Max)</td> </tr> <tr> <td>+ 45 microns</td> <td>Balance</td> </tr> <tr> <td>-45 microns</td> <td>25 (max)</td> </tr> </tbody> </table>						Sieve Size	% of iron powder retained on the sieve	+212 microns	0	+180 microns	2 (Max)	+ 45 microns	Balance	-45 microns	25 (max)																															
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सहायक विभाग AGREED DEPTT	5.0 Chemical composition : The material shall have the following composition : Iron - 99.0 % (Min) Carbon - 0.25 % (Max) Phosphorous - 0.03 % (Max) Moisture - 0.5% (Max)																																														
	6.0 Properties : Flow shall be Maximum 35 sec/ 50 gm.																																														
सार्वजनिक सूची संख्या INVENTORY NO.	7.0 Supply Condition The material should be supplied in HDPE bags in 20/25 Kg																																														
	<table border="1"> <tr> <td>RMI</td> <td>SOMNATH GHOSH</td> <td>अनुवादक</td> <td>TRANSLATED BY</td> <td></td> <td></td> </tr> <tr> <td>MPIC</td> <td>NK VERMA</td> <td>निर्माणकर्ता</td> <td>WORKED BY</td> <td>T DAVE</td> <td></td> </tr> <tr> <td>CHAIRMAN CPSC</td> <td>R PARTHASARTHY</td> <td>जांचकर्ता</td> <td>CHECKED BY</td> <td>AK CHAKRABORTY</td> <td></td> </tr> <tr> <td>सहायक विभाग</td> <td>नाम</td> <td>दस्तावेज एवं हस्ताक्षर</td> <td>पर्यवेक्षणकर्ता</td> <td>SUPERVISED BY</td> <td>AK CHAKRABORTY</td> </tr> <tr> <td>AGREED DEPTT</td> <td>NAME</td> <td>DATE & SIGNATURE</td> <td colspan="3"></td> </tr> <tr> <td colspan="3"></td> <td colspan="3"> स्वीकृति : संस्थान मानक समिति APPROVED : PLANT STANDARDS COMMITTEE </td> </tr> <tr> <td colspan="3"></td> <td> निर्माण : PREPARED : FOUNDRY TECH </td> <td> जारी : फाउण्ट्री टेक्नालॉजी ISSUED : FOUNDRY TECHNOLOGY </td> <td> तिथि : DATE : 12.03.10 </td> </tr> </table>						RMI	SOMNATH GHOSH	अनुवादक	TRANSLATED BY			MPIC	NK VERMA	निर्माणकर्ता	WORKED BY	T DAVE		CHAIRMAN CPSC	R PARTHASARTHY	जांचकर्ता	CHECKED BY	AK CHAKRABORTY		सहायक विभाग	नाम	दस्तावेज एवं हस्ताक्षर	पर्यवेक्षणकर्ता	SUPERVISED BY	AK CHAKRABORTY	AGREED DEPTT	NAME	DATE & SIGNATURE							स्वीकृति : संस्थान मानक समिति APPROVED : PLANT STANDARDS COMMITTEE						निर्माण : PREPARED : FOUNDRY TECH	जारी : फाउण्ट्री टेक्नालॉजी ISSUED : FOUNDRY TECHNOLOGY
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हस्ताक्षर एवं तारीख SIGN & DATE		संस्थान क्रय विनिर्देश (सी.एफ.एफ.पी - हार्डवेयर) PLANT PURCHASE SPECIFICATION (CFFP - HARDWAR)	FF 06003 Rev 04 पृष्ठ का Page 2 of 4	
सुपरसेडिंग INVENTORY NO.	8.0 Sampling: For each lot of 5 tons of supply, samples shall be taken from 5 different containers to make a composite sample for testing.	9.0 Acceptance Test: Each consignment shall be accepted on the basis of test carried out as per clauses 4.0 and 5.0. For new suppliers, shop trial shall also be mandatory. Phosphorous shall be checked on surveillance basis.		
कॉपीराइट और गोपनीयता 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.	10.0 Test Certificate: 10.1 Unless otherwise specified, one original and three copies of original manufacturer's test certificates shall be supplied with each consignment bearing the following information. In order to facilitate quick clearance of material, the supplier shall ensure to send a copy of test certificate along with despatch document. <ul style="list-style-type: none"> a. BHEL PO No. with Date b. Specification No. c. Supplier reference / trade mark d. Identification No. / Batch No. e. Chemical Composition, Grain Size and Properties as per Clause 4, 5 & 6 f. Any other specific information which the supplier would like to convey. 10.2 Suppliers other than the original manufacturer shall ensure providing original manufacturer's test certificates with linkage to supplier's invoice stating the batch No., lot No., etc of the supply.	11.0 Inspection, Deviation and Replacement: 11.1 BHEL reserves the right to inspect material at vendor/manufacturers' premises before despatch. The supplier shall intimate in advance about readiness of material enclosing a copy of test certificate of the material offered for inspection. However inspection at BHEL shall be final. The supplier shall offer BHEL representative all reasonable test facilities without charge to satisfy the latter that the material being furnished is in accordance with this specification. The supplier shall prepare and provide necessary test specimens for testing to be carried out at his premises. If facilities are not available at his works, the supplier shall make necessary arrangements for carrying out the prescribed tests elsewhere. 11.2 If the material received at CFFP is not found in accordance with the requirements, it shall be rejected and the supplier will have to replace it free of cost at the earliest. 11.3 For any deviation from the specification sought by the supplier, prior approval of BHEL must be obtained in writing.		
स्वतंत्रतापूर्वक एवं गोपनीयता इस दस्तावेज़ में दी गई सूचना भारत भारती लिमिटेड की संपत्ति है। इसका प्रयोग एवं आशय के बिना किसी भी तरह प्रयोग, जो भी स्वयं की हित में हानिकारक हो, बहिष्कृत है।	हस्ताक्षर एवं तारीख SIGN & DATE	निर्माणांक WORKED BY T DAVE		
वापसी सूची रखें	जांचकर्ता CHECKED BY AKC			

सांख्यिकी एवं वित्त SIGN & DATE		संस्थान क्रय विनिर्देश (सी.एफ.एफ.पी - हार्डवयर) PLANT PURCHASE SPECIFICATION (CFFP - HARDWAR)	FF 06003 Rev 04 पृष्ठ का Page 3 of 4					
सार्वजनिक सूची संख्या और प्रतिष्ठित नाम	SUPERSEDES INVENTORY NO	12.0 Packing & Marking:						
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सार्वजनिक सूची संख्या			निष्कर्षकर्ता WORKED BY	T DAVE				
			जांचकर्ता CHECKED BY	AKC				

DESIGN & DATE SIGN & DATE SUPERSEDES INVENTORY NO आरंभ युनि		संस्थान क्रय विनिर्देश (सी.एफ.एफ.पी - हार्डवेयर) PLANT PURCHASE SPECIFICATION (CFFP - HARDWAR)				FF06003 Rev 04 पृष्ठ का Page 4 of 4		
	RECORD OF CHANGES <i>CONTROLLED COPY</i>							
कॉपीराइट और कॉन्फिडेंशियल This 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.	REV CODE	Nature of change	DOCU. NO.	SHEET NO.	SIGN	DATE		
	02	P content was 0.02 max.		1 of 4		12.06.03		
	03	Clause 10 & 12 modified to incorporate original manufacturer's test certificate and packing conditions.		2 & 3		29.8.09		
	04	Correction made in Clause 4.0 - value of % iron retained for - 45 micron was left out in Rev 03 due to tyrographical error		1		12.03.2010		
स्वतंत्रताधिकार एवं गोपनीयता इस दस्तावेज़ में कोई भी सूचना भारत की सुरक्षा के लिए महत्वपूर्ण है। इसका उपयोग केवल सुरक्षा के लिए ही किया जाना चाहिए।	DISTRIBUTION OF PRINTS							
	RMI	✓						
	STANDARD SECTION	✓						
	MPIC	✓						
आरंभ युनि				निम्नलिखित WORKED BY	T DAVE			
				जांचकर्ता CHECKED BY	AKC	