

दिनांक एवं हस्ताक्षर SIGN - DATE			संस्थान क्रय विनिर्देश (सी.एफ.एफ.पी. - हरिद्वार)		FF06031 Rev 01		
			PLANT PURCHASE SPECIFICATION (CFFP - HARDWAR)		पृष्ठ का Page 1 of 4		
सुपरसेड्स INVENTORY NO	STELLITE INGOTS(COBALT BASE)						
	1.0 General This Specification governs the quality requirements of Cobalt Base Stellite Ingots.						
समूची सूची संख्या को अधिकृत करता है	2.0 Application The Stellite Ingots shall be remelted to make Castings.						
	3.0 Compliance with National Standard This specification is based on HW19996						
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	4.1 CHEMICAL						
		ELEMENT		% MIN.		% MAX.	
		CARBON		1.0		1.15	
		CHROMIUM		26.0		30.00	
		TUNGSTEN		3.5		5.5	
		SILICON		----		2.0	
		IRON		----		3.0	
		NICKEL		----		3.0	
		MANGANESE		----		1.0	
		MOLYBDENUM		----		1.0	
		TRACE ELEMENTS		----		0.1	
		COBALT				Remainder	
		4.2 Size Length of Ingots : 150 mm to 250 mm Width of Ingots : 70 mm to 100 mm Thickness : 70 mm to 100 mm					
		4.3 The Ingots shall be free from slag,dross,gas holes,pin holes and other harmful defects.					
हस्ताक्षर एवं दिनांक	RMI	SOMNATH GHOSH		अनुवादक	TRANSLATED BY		
	MPIC	SHYAM BABU		निर्माणकर्ता	WORKED BY	T DAVE	
समूची सूची संख्या INVENTORY NO	CHAIRMAN CPSC	KB SUBRAMANYAM		जांचकर्ता	CHECKED BY	AK CHAKRABORTY	
	सहमत विभाग AGREED DEPTT	नाम NAME	व्यवस्थापक एवं हस्ताक्षर DATE & SIGNATURE	पर्यवेक्षणकर्ता	SUPERVISED BY	AK CHAKRABORTY	
				संस्थान मानक समिति APPROVED PLANT STANDARDS COMMITTEE			
				तैयार PREPARED	जारी ISSUED	फाउण्ट्री टेक्नोलॉजी FOUNDRY TECHNOLOGY	दिनांक DATE 4.9.09

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शपथी पूरी रखने को अभिज्ञान करती है SUPERSEDES INVENTORY NO	5.0 Acceptance The material shall be accepted on the basis of TC and GC given by the supplier. However BHEL shall check the properties as per Clause No. 4 on surveillance basis.															
COPYRIGHT AND CONFIDENTIAL The information on this documents 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	6.0 Inspection, Deviation and Replacement 6.1 BHEL reserves the right to inspect the material at site before despatch. The supplier shall intimate in advance, enclosing a copy of Test Certificate of the material offered for inspection. The supplier shall extend all reasonable test facilities to BHEL representative without any charge to satisfy the later, that the material is being furnished in accordance with this specification. If the facilities are not available at supplier's works, he will make necessary arrangement for testing elsewhere without any cost. 6.2 If the material received at CFFP is found not in accordance with the specification, it shall be rejected and supplier will have to replace it free of cost at the earliest. 6.3 For any deviation from the specification demanded by the supplier prior approval of BHEL must be obtained in writing.															
	7.0 Test Certificate 7.1 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. a) BHEL PO No. with Date b) Specification No. c) Supplier reference d) Identification No. / Batch No. e) Date of manufacture f) Properties as per Clause 4 g) Any other specific information which the supplier would like to convey. 6.2 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.															
	<table border="1"> <tr> <td data-bbox="76 1797 140 1950"> दिनांक एवं हस्ताक्षर SIGN & DATE </td> <td data-bbox="225 1797 946 1950"></td> <td data-bbox="946 1950 1106 2015"> निर्माणकर्ता WORKED BY </td> <td data-bbox="1106 1950 1265 2015"> T DAVE </td> <td data-bbox="1265 1950 1409 2015">  </td> <td data-bbox="1409 1950 1560 2015"></td> </tr> <tr> <td data-bbox="76 1950 140 2083"> शपथी पूरी रखने </td> <td data-bbox="225 1950 946 2083"></td> <td data-bbox="946 2015 1106 2083"> जांचकर्ता CHECKED BY </td> <td data-bbox="1106 2015 1265 2083"> AKC </td> <td data-bbox="1265 2015 1409 2083">  </td> <td data-bbox="1409 2015 1560 2083"></td> </tr> </table>					दिनांक एवं हस्ताक्षर SIGN & DATE		निर्माणकर्ता WORKED BY	T DAVE			शपथी पूरी रखने		जांचकर्ता CHECKED BY	AKC	
दिनांक एवं हस्ताक्षर SIGN & DATE		निर्माणकर्ता WORKED BY	T DAVE													
शपथी पूरी रखने		जांचकर्ता CHECKED BY	AKC													

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समुची सूची संख्या को अनुसंधान क्रमांक	SUPERSEDES INVENTORY NO	8.0 PACKING The material should be packed in 50 Kg. wooden crate to avoid damage during transport and storage. The packing should be that of original manufacturer. Each consignment should bear: i) Name of the product with supplier's name and Monogram ii) Gross weight and Net weight iii) Date of Manufacturing and Batch No. iv) BHEL PO NO.				
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स्वत्वाधिकार एवं गोपनीयता इस प्रस्ताव में दी गई सूचना भारत भारती इलेक्ट्रिकल्स की संपत्ति है इसका प्रयोग एवं अप्रयोग कर के किसी भी तरह प्रयोग, जो कि कंपनी के हित में हानिकारक हो न किया जाए।						
हस्ताक्षर एवं दिनांक SIGN & DATE						
समुची सूची संख्या INVENTORY				निर्माणकर्ता WORKED BY	T DAVE	
				जांचकर्ता CHECKED BY	AKC	

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सुपरीसेड्स INVENTORY NO		RECORD OF CHANGES					
संशुद्धि		REV CODE	NO. OF CHANGES	NATURE OF CHANGE	SIGN	DATE	
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हस्ताक्षर एवं दिनांक SIGN & DATE		RMI					
		STANDARD SECTION					
		MPIC					
संशुद्धि सुची REVISED		निर्माणकर्ता WORKED BY				T DAVE	
		जांचकर्ता CHECKED BY				AKC	