




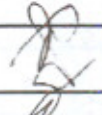








चित्रण एवं हस्ताक्षर SIGN - DATE			संस्थान क्रय विनिर्देश (सी.एफ.एफ.पी. - हरिद्वार) PLANT PURCHASE SPECIFICATION (CFFP - HARDWAR)		FF06031 Rev 01 पृष्ठ का Page 1 of 4																																			
	STELLITE INGOTS(COBALT BASE)																																							
SUPERSEDES INVENTORY NO सापेक्षी सूची संख्या को प्रतिस्थापित करता है	1.0 General This Specification governs the quality requirements of Cobalt Base Stellite Ingots.																																							
	2.0 Application The Stellite Ingots shall be remelted to make Castings.																																							
	3.0 Compliance with National Standard This specification is based on HW19996																																							
	4.0 Properties																																							
COPYRIGHT AND CONFIDENTIAL The information on this documents 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.	4.1 CHEMICAL																																							
	<table border="1"> <thead> <tr> <th>ELEMENT</th> <th>% MIN.</th> <th>% MAX.</th> </tr> </thead> <tbody> <tr> <td>CARBON</td> <td>1.0</td> <td>1.15</td> </tr> <tr> <td>CHROMIUM</td> <td>26.0</td> <td>30.00</td> </tr> <tr> <td>TUNGSTEN</td> <td>3.5</td> <td>5.5</td> </tr> <tr> <td>SILICON</td> <td>----</td> <td>2.0</td> </tr> <tr> <td>IRON</td> <td>----</td> <td>3.0</td> </tr> <tr> <td>NICKEL</td> <td>----</td> <td>3.0</td> </tr> <tr> <td>MANGANESE</td> <td>----</td> <td>1.0</td> </tr> <tr> <td>MOLYBDENUM</td> <td>----</td> <td>1.0</td> </tr> <tr> <td>TRACE ELEMENTS</td> <td>----</td> <td>0.1</td> </tr> <tr> <td>COBALT</td> <td></td> <td>Remainder</td> </tr> </tbody> </table>						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	
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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																																								
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स्वत्वाधिकार एवं गोपनीयता इस दस्तावेज में सूचना भारत की इलेक्ट्रिकल्स की संपत्ति है इसका प्रयोग एवं प्रकाश स्व से किसी भी तरह प्रयोग, जो कि कंपनी के हित में हानिकारक हो न किया जाए।																																								
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दिनांक एवं हस्ताक्षर SIGN & DATE		संस्थान क्रय विनिर्देश (सी.एफ.एफ.पी - हरिद्वार) PLANT PURCHASE SPECIFICATION (CFFP - HARDWAR)	FF 06031 Rev 01	
समूची सूची सत्यापन के लिए 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 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.	6.0 Inspection, Deviation and Replacement	<p>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.</p> <p>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.</p> <p>6.3 For any deviation from the specification demanded by the supplier prior approval of BHEL must be obtained in writing.</p>		
स्वतंत्राधिकार एवं गोपनीयता इस दस्तावेज़ में, यदि सूचना सत्यापन के लिए उपलब्ध है, तो यह सूचना सत्यापन के लिए उपलब्ध है।	7.0 Test Certificate	<p>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.</p> <ol style="list-style-type: none"> BHEL PO No. with Date Specification No. Supplier reference Identification No. / Batch No. Date of manufacture Properties as per Clause 4 Any other specific information which the supplier would like to convey. <p>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.</p>		
दिनांक SIGN & DATE	समूची सूची सत्यापन के लिए	निर्माणकर्ता WORKED BY	T DAVE	
		जांचकर्ता CHECKED BY	AKC	

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सुपरसेडिंग नं. 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.				
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सामग्री सूची सत्यापन INVENTORY NO	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: <ul style="list-style-type: none"> 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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स्वतंत्रताधिकार एवं गोपनीयता इस प्रलेख में, ... द्वारा प्रस्तुत किया गया है। इस प्रलेख में, ... द्वारा प्रस्तुत किया गया है।					
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		RECORD OF CHANGES			
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	REV CODE	NO. OF CHANGES	NATURE OF CHANGE	SIGN	DATE
	01	2	Clause 7 and 8 modified to incorporate original manufacturer's test certificate and packing condition		4.9.09
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	RMI	✓			
हस्ताक्षर एवं दिनांक SIGN & DATE	STANDARD SECTION	✓			
	MPIC	✓			
आगामी संख्या			निर्माणकर्ता WORKED BY	T DAVE	
			जांचकर्ता CHECKED BY	AKC	