

 TD219 Rev.00	PLANT PURCHASING SPECIFICATION HYDERABAD	FY40011 Rev. No. 00 Page 1 of 1			
TUNGSTEN CARBIDE COBALT POWDER					
1.0 GENERAL: This specification governs the requirement of tungsten carbide cobalt powder. 2.0 APPLICATION: For use as abrasive material. 3.0 COMPLIANCE WITH NATIONAL STANDARD There are no equivalent national or international standards/ specifications for this product. 4.0 PROPERTIES 4.1 Chemical composition: a) Tungsten carbide – 87.75%-88.25% b) Cobalt Powder-11.75-12.25% 4.2 Size should be in between 3-4 micron. 5.0 FREEDOM FROM DEFECTS The material shall be free from any foreign matter. 6.0 ACCEPTANCE TEST Each consignment shall be accepted on successful trial after supply. 7.0 INSPECTION, DEVIATION AND REPLACEMENT BHEL reserves the right to inspect the material at BHEL and material can be accepted or rejected based on result. 8.0 TEST CERTIFICATE One original and three copies of test certificate from the Manufacturer containing the following information should be provided. Manufacturer's Name Name of the material. Quantity. Results of chemical analysis and all other properties as called for in this specification/order. 9.0 PACKING AND MARKING The material shall be packed such as to prevent loss / deterioration in quality during handling, transport and Storage i.e., preferably in 25/50 Kg poly lined HDPE bag It should be marked with the following details. Tungsten carbide cobalt powder Net weight					
Revisions:		Issued : Foundries and Pattern Shop			
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<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; border: none; vertical-align: top;"> Prepared: B Srujan </td> <td style="width: 33%; border: none; vertical-align: top;"> Approved: Abhinav Agrawal </td> <td style="width: 33%; border: none; vertical-align: top;"> Date of 1st issue: 06.10.2020 </td> </tr> </table>			Prepared: B Srujan	Approved: Abhinav Agrawal	Date of 1st issue: 06.10.2020
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