

दिनांक एवं हस्ताक्षर SIGN & DATE			संस्थान क्रय विनिर्देश (सी.एफ.एफ.पी-हरिद्वार) PLANT PURCHASE SPECIFICATION (CFFP - HARIDWAR)		FF-04060 Rev00	
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<u>SPECIFICATIONS FOR PORTABLE PNEUMATICALLY OPERATED</u> <u>ANGLE GRINDER 9 INCHES</u>						
1.0 DESCRIPTION This specification governs technical requirements of Portable Pneumatic Hand Grinders for use in forge shop.						
2.0 APPLICATION Resinoid Grinding wheel of size OD 230 mm x Thickness 3.2 mm x Bore 22.23 mm shall be mounted on these grinders for heavy duty grinding work, test piece cutting, smoothing and removal of sharp edges operation on steel forgings.						
3.0 CHARACTERISTICS Free Speed 6000 Rpm, Spindle Thread M16, Length upto spindle end 187 mm, Approximate weight 5.5 to 6.5 Kg, Air Inlet 1/2 inches, Length of handles should be 100 to 120 mm long & spaced at angle 100° to 105° from each other for ease of operation						
4.0 MISCELLANEOUS All the grinders should have metallic body, preferably steel and suitable for manual working. The grinder shall work efficiently in the air pressure range of 4 to 7 Kg/cm ² . The grinder should be capable of working effectively under dust and fume laden environment of forge shop. The supply shall include detailed information about spares, safety and maintenance manual and test & guarantee certificates.						
5.0 TESTING, INSPECTION AND REPLACEMENT : Whenever specified, tests and inspection are to be conducted in presence of BHEL's representative. The supplier shall notify BHEL in advance about the readiness of the material for inspection and testing. BHEL reserves the right to test one or all properties of the material on surveillance basis at BHEL and final acceptance of material shall be based on these test results. If the tools received at CFFP is not found in accordance with the requirements or it fails						
अनुवादक TRANSLATED BY निर्माणकर्ता WORKED BY जांचकर्ता CHECKED BY पर्यवेक्षणकर्ता APPROVED BY						
संयोजक विभाग AGRIED DEPT	नाम NAME	दिनांक एवं हस्ताक्षर DATE & SIGNATURE	स्वीकृती संस्थान मानक समिति APPROVED : PLANT STANDARDS COMMITTEE			
			निर्माण फॉर्ज उत्पादन जारी फॉर्ज तकवाफ दिनांक 17-12-16 PREPARED FORGE PROD ISSUED FORGE TECH DATE 17-12-16			

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during guarantee period, it shall be rejected and the supplier will have to replace it free of cost at the earliest. Guarantee certificate shall be supplied by vendor. 6.0 TEST CERTIFICATES Unless and otherwise stated, three copies of original manufacturer's test certificate shall be supplied along with each consignment giving following information. Specification No. BHEL PO NO. Manufacturer Name Supplier reference / trade mark Identification No./Batch No./ Lot No. Quantity Supplied Characteristics as per Clause 2.0 to 4.0 7.0 MARKING ON PACKING: The pneumatic tools should be suitably packed to avoid damage during transit and storage. The packing should be that of the original manufacturer. Each tool should have model no., identification no marked on the tool.		
निर्माणकर्ता WORKED BY	AK SINGH	स्वीकृती APPROVED :
जांचकर्ता CHECKED BY	KS RANA	संस्थान मानक समिति PLANT STANDARDS COMMITTEE
निर्माण फोर्ज उत्पादन PREPARED FORGE PROD	फोर्ज तकनीकी FORGE TECH	दिनांक : 17-12-16 DATE : 17-12-16