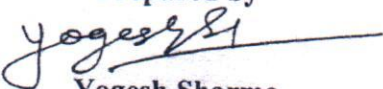





## Purchase Specification of Portable Barcol Hardness Tester (As per ASTM 2583)

ISSUE : 00  
SECTION : 1602  
SPEC NO : CI/SPEC/02  
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PAGE : 1 of 1

Sl No	Specification	Requirement
1.	Purpose	Analog / Digital instrument to check Hardness of Fiberglass rods and tubes to ensure the material property of the component material.
2.	Scope of Supply	Instrument having analog/ digital display of hardness with suitable indenter (if applicable), and Standard calibration blocks covering the mentioned range with calibration Certificate.
3.	Spares and Service	Two years trouble free maintenance spares to be supplied along with the main equipment.
4.	Operations Training / Demonstration	Necessary operating and maintenance training/demonstration should be given.
5.	Inspection	Equipment will be inspected by BHEL engineers and will be accepted there after.
6.	Any other information	Supplier can furnish any other additional information, additional features of the instrument will considering the overall requirements
7.	Requirement Details	<p>Instrument Range - 30 - 90 ( equivalent to 25 BHN to 135 BHN using 100 ball 500 kg load)</p> <p>Type - Hand held portable type</p> <p>Applicable standard : ASTM D2583</p> <p>Instrument should have clear display to read the hardness value by indicating needle.</p> <p>Calibration: Instrument and accessories should be supplied with valid calibration certificate.</p> <p>Equipment manual must comprise instrument drawing, Operating procedure, maintenance Instruction and Calibration instruction etc</p> <p>Standard Calibration disk set should be provided.</p>

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