

## Technical specification of Rockwell Hardness Testing Machine

Annexure-B

2  
12  
M.C.R.

### Description

Motorized Digital Rockwell & Rockwell Superficial Hardness Tester should conform to the requirement laid down in IS-1586-2000, method for verification of Rockwell hardness testing machines.

- 1) Type- Digital Rockwell & Rockwell superficial.
- 2) Major load – (15, 30, 45, 60, 100, 150 Kgf)  
Minor load – (3, 10 Kgf)
- 3) Max. Test Height -230 mm.
- 4) Depth of Throat – 133 mm.
- 5) Machine dimension - a) Length – 450 mm.  
b) Width – 175 mm.  
c) Height – 627 mm.
- 6) Test force Selection – By external dialling.
- 7) Operation – Automatic load / Dwell / unload.
- 8) Resolution – 0.1 Rockwell.  
0.1 Rockwell superficial.

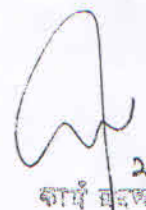
### Standard accessories:-


- a) Testing Table - 200 mm dia.
- b) Testing Table - 30 mm dia. with 'V' groove for round jobs 6 – 45 mm dia.
- c) Diamond Indenter (Rockwell) - 03 Nos.
- d) Steel Ball indenter 1/16" with 10 spare balls.
- e) Test Block Rockwell 'C'
- f) Test Block Rockwell 'B'
- g) Test Block HR 30 N.
- h) Telescopic sleeve for Elevating Screw protection-1 Set


Note - All test Block should be National Accreditation Board for Testing and Calibration Laboratories (NABL) Certified.

### Additional accessories

Testing Table -70mm dia. with 'V' groove for round jobs 10-80mm dia. – 01No.

  
31-1-14  
कार्य निदेशक  
Works Manager  
स. डि. पुन. का परिचय मध्य रेल बोर्ड  
C. R. W. S W C Rly Bhopal

  
अनूप सिंह यादव  
Anoop Singh Yadav  
वरिष्ठ सामग्री प्रबंधक/सहाय्य एवं निर्माण  
Senior Material Manager/G&C  
प. म. रेल., जबलपुर/W.C.R., JBP.

  
अभिजित कारभारे  
Abhijit Karkhure  
सहायक प्रबंधक (सामग्री)  
Asst. Material Manager (Genl)  
जबलपुर/W.C.R., JBP.  
C. R. W. S W C Rly Bhopal

**Annexure-II**

To be submitted by the firm along with offer-

Tender specification as per Annexure-I	Specification quoted by the firm	Deviation if any with clarification

Signature of firm's