



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name ABC TEST LAB, 20/694 SODGE MALA, ICHALKARANJI, KOLHAPUR, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5486 Page No. : 1 / 4

Validity 24/04/2019 to 23/04/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
1	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS & ALLOYS	Rockwell hardness HRA	IS 1586 (PART 1): 2018	20 HRA to 95 HRA
2	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS AND ALLOYS	BRINELL HARDNESS HBW 10/1000	IS 1500 (PART 1): 2013	80 HBW to 120 HBW
3	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS AND ALLOYS	BRINELL HARDNESS HBW 10/3000	IS 1500 (PART 1): 2013	100 HBW to 600 HBW
4	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS AND ALLOYS	BRINELL HARDNESS HBW 10/500	IS 1500 (PART 1): 2013	80 HBW to 120 HBW
5	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS AND ALLOYS	BRINELL HARDNESS HBW 2.5/187.5	IS 1500 (PART 1): 2013	100 HBW to 600 HBW
6	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS AND ALLOYS	BRINELL HARDNESS HBW 5/250	IS 1500 (PART 1): 2013	80 HBW to 120 HBW
7	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS AND ALLOYS	BRINELL HARDNESS HBW 5/750	IS 1500 (PART 1): 2013	100 HBW to 600 HBW



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8	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS AND ALLOYS	MICRO - VICKERS HARDNESS HV 0.1	IS 1501 (PART 1): 2013	100 HV to 900 HV
9	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS AND ALLOYS	MICRO-VICKERS HARDNESS HV 0.2	IS 1501 (PART 1): 2013	100 HV to 900 HV
10	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS AND ALLOYS	MICRO-VICKERS HARDNESS HV 0.3	IS 1501 (PART 1): 2013	100 HV to 900 HV
11	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS AND ALLOYS	MICRO-VICKERS HARDNESS HV 0.5	IS 1501 (PART 1): 2013	100 HV to 900 HV
12	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS AND ALLOYS	MICRO-VICKERS HARDNESS HV 1	IS 1501 (PART 1): 2013	100 HV to 900 HV
13	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS AND ALLOYS	ROCKWELL HARDNESS HRBW	IS 1586 (PART 1): 2018	10 HRBW to 100 HRBW
14	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS AND ALLOYS	ROCKWELL HARDNESS HRC	IS 1586 (PART 1): 2018	10 HRC to 70 HRC



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15	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS AND ALLOYS	ROCKWELL SUPERFICIAL HARDNESS HR 30N	IS 1586 (PART 1): 2018	42 HR30N to 86 HR30N
16	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS AND ALLOYS	ROCKWELL SUPERFICIAL HARDNESS HR 15N	IS 1586 (PART 1): 2018	70 HR15N to 94 HR15N
17	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS AND ALLOYS	ROCKWELL SUPERFICIAL HARDNESS HR 15TW	IS 1586 (PART 1): 2018	67 HR15TW to 93 HR15TW
18	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS AND ALLOYS	ROCKWELL SUPERFICIAL HARDNESS HR 30TW	IS 1586 (PART 1): 2018	29 HR30TW to 82 HR30TW
19	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS AND ALLOYS	ROCKWELL SUPERFICIAL HARDNESS HR 45 N	IS 1586 (PART 1): 2018	20 HR45N to 77 HR45N
20	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS AND ALLOYS	ROCKWELL SUPERFICIAL HARDNESS HR 45TW	IS 1586 (PART 1): 2018	10 HR45TW to 72 HR45TW
21	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALS AND ALLOYS	VICKERS HARDNESS HV 10	IS 1501 (PART 1): 2013	100 HV to 900 HV



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22	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS AND ALLOYS	VICKERS HARDNESS HV 20	IS 1501 (PART 1): 2013	100 HV to 900 HV
23	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS AND ALLOYS	VICKERS HARDNESS HV 30	IS 1501 (PART 1): 2013	100 HV to 900 HV
24	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS AND ALLOYS	VICKERS HARDNESS HV 5	IS 1501 (PART 1): 2013	100 HV to 900 HV
25	MECHANICAL- MECHANICAL PROPERTIES OF METALS	METALS AND ALLOYS	VICKERS HARDNESS HV 50	IS 1501 (PART 1): 2013	100 HV to 900 HV