National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : FIE RESEARCH INSTITUTE, 22/44 GANGANAGAR P.O., ICHALKARANJI, KOLHAPUR, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5339 **Page No** 1 of 4

Validity 18/08/2022 to 17/08/2024 **Last Amended on** 27/12/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Block	Rockwell Superficial HR15TW	IS 1586-Part 1
2	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Block	Rockwell Superficial HR30TW	IS 1586-Part 1
3	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Block	Rockwell Superficial HR45N	IS 1586 Part 1
4	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Brinell Hardness HBW10/3000	ASTM E10
5	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Brinell Hardness HBW10/3000	IS 1500- Part 1
6	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Brinell Hardness HBW2.5/187.5	ASTM E10
7	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Brinell Hardness HBW2.5/187.5	IS 1500- Part 1
8	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Brinell Hardness HBW5/750	ASTM E18
9	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Brinell Hardness HBW5/750	IS 1500-Part 1
10	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Micro Vickers Hardness HV0.1	ASTM E384
11	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Micro Vickers Hardness HV0.2	ASTM E384
12	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Micro Vickers Hardness HV0.2	IS 1501- Part 1
13	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Micro Vickers Hardness HV0.3	ASTM E384

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14	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Micro Vickers Hardness HV0.3	IS 1501- Part 1
15	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Micro Vickers Hardness HV0.5	ASTM E384
16	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Micro Vickers Hardness HV0.5	IS 1501- Part 1
17	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Micro Vickers Hardness HV1	ASTM E384
18	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Micro Vickers Hardness HV1	IS 1501- Part 1
19	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Rockwell Hardness HRA	ASTM E18
20	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Rockwell Hardness HRA	IS 1586-Part 1
21	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Rockwell Hardness HRBW	ASTM E18
22	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Rockwell Hardness HRBW	IS 1586-Part 1
23	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Rockwell Hardness HRC	ASTM E18
24	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Rockwell Hardness HRC	IS 1586-Part 1
25	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Rockwell Superficial HR15N	ASTM E18
26	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Rockwell Superficial HR15N	IS 1586-Part 1
27	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Rockwell Superficial HR15TW	ASTM E18

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28	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Rockwell Superficial HR30N	ASTM E18
29	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Rockwell Superficial HR30N	IS 1586-Part 1
30	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Rockwell Superficial HR30TW	ASTM E18
31	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Rockwell Superficial HR45N	ASTM E18
32	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Rockwell Superficial HR45TW	ASTM E18
33	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Rockwell Superficial HR45TW	IS 1586- Part1
34	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Vickers Hardness HV10	ASTM E92
35	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Vickers Hardness HV10	IS 1501- Part 1
36	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Vickers Hardness HV20	ASTM E92
37	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Vickers Hardness HV20	IS 1501- Part 1
38	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Vickers Hardness HV30	ASTM E92
39	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Vickers Hardness HV30	IS 1501- Part 1
40	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Vickers Hardness HV5	ASTM E92
41	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Vickers Hardness HV5	IS 1501- Part 1

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42	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Vickers Hardness HV50	ASTM E92
43	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hardness Blocks	Vickers Hardness HV50	IS 1501- Part 1