National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : JYOTI TEST HOUSE, B-1/111, SECTOR-11, FARIDABAD, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10052 **Page No** 1 of 2

Validity 01/11/2021 to 31/10/2023 **Last Amended on** -

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	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloys Steel	Carbon	IS:228 (Part-1)
2	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloys Steel	Chromium	IS:228 (Part-6)
3	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloys Steel	Manganese	IS:228 (Part-2)
4	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloys Steel	Molybdenum	IS:228 (Part-7)
5	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloys Steel	Phosphorus	IS:228 (Part-3)
6	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloys Steel	Silicon	IS:228 (Part-8)
7	CHEMICAL- METALS & ALLOYS	Plain Carbon & Low Alloys Steel	Sulphur	IS:228 (Part-9)
8	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive Strength	IS:3495 (Part-1)
9	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Height)	IS:1077
10	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Length)	IS:1077
11	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Width)	IS:1077
12	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS:3495 (Part-2)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fines value	IS:2386 (Part-4)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS:2386 (Part-3)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS:2386 (Part-4)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (Sieve size: 40 mm, 20 mm, 12.5 mm, 10 mm, 4.75 mm, 2.36 mm)	IS:2386 (Part-1)
17	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS:2386 (Part-3)

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18	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (Sieve size: 10 mm, 4.75 mm, 2.36 mm, 1.18 mm, 600 micron, 300 micron, 50 micron)	IS:2386 (Part-1)
19	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	specific Gravity	IS:2386 (Part-3)
20	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS:2386 (Part-3)
21	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength	IS:516 (Part -1), Sec 1
22	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metal & Alloys Steel & Steel Alloys (TMT Bar)	Bend Test	IS:1599
23	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metal & Alloys Steel & Steel Alloys (TMT Bar)	Rebend Test	IS:1786
24	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metal & Alloys Steel & Steel Alloys (TMT Bar)	Rockwell Hardness	IS:1586 (Part-1)
25	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metal & Alloys Steel & Steel Alloys (TMT Bar)	Tensile Strength	IS:1608
26	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metal & Alloys Steel & Steel Alloys (TMT Bar)	Weight Per Meter	IS:1786
27	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metal & Alloys Steel & Steel Alloys (TMT Bar)	Yield Strength	IS:1608
28	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel (Rrebar)	Elongation	IS:1608
29	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction- Maximum Dry density	IS:2720 (Part-8)
30	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction: Optimum Moisture Content	IS:2720 (Part-8)
31	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction: Maximum Dry density	IS:2720 (Part-7)
32	MECHANICAL- SOIL AND ROCK	Soil	Light compaction: Optimum Moisture Content	IS:2720 (Part-7)