National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MAHINDRA TERI CENTRE OF EXCELLENCE, TERI GRAM, GURGAON - FARIDABAD ROAD, GWAL PAHARI, GURGAON, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8746 **Page No** 1 of 3

Validity 29/11/2022 to 28/11/2024 **Last Amended on** 04/02/2023

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- BUILDINGS MATERIALS	Aggregates	Specific Heat Capacity	ISO 22007-2
2	MECHANICAL- BUILDINGS MATERIALS	Aggregates	Thermal conductivity	ISO 22007-2
3	MECHANICAL- BUILDINGS MATERIALS	Aggregates	Thermal Diffusivity	ISO 22007-2
4	MECHANICAL- BUILDINGS MATERIALS	Bricks, Blocks, Mud & Clay Blocks	Specific Heat Capacity	ISO 22007-2
5	MECHANICAL- BUILDINGS MATERIALS	Bricks, Blocks, Mud & Clay Blocks	Thermal conductivity	ISO 22007-2
6	MECHANICAL- BUILDINGS MATERIALS	Bricks, blocks, Mud & Clay Blocks	Thermal Diffusivity	ISO 22007-2
7	MECHANICAL- BUILDINGS MATERIALS	Building Envelope (Bricks, Blocks, Tiles, Concrete, Cement Aggregates, Insulating Materials, Stones, Soil, Mud & Clay, Metal Alloys & High Conducting Materials, Plastics & Polymers, Paints & Coatings, Glass, Fabric, Liquid, Paste & Powders, Refractory Materials, Wall Assembly of Above Listed Materials)	Overall Thermal Resistance	ASTM C 1363
8	MECHANICAL- BUILDINGS MATERIALS	Building Envelope (Bricks, Blocks, Tiles, Concrete, Cement Aggregates, Insulating Materials, Stones, Soil, Mud & Clay, Metal Alloys & High Conducting Materials, Plastics & Polymers, Paints & Coatings, Glass, Fabric, Liquid, Paste & Powders, Refractory Materials, Wall Assembly of Above Listed Materials)	Thermal Conductance	ASTM C1363
9	MECHANICAL- BUILDINGS MATERIALS	Building Envelope (Bricks, Blocks, Tiles, Concrete, Cement Aggregates, Insulating Materials, Stones, Soil, Mud & Clay, Metal Alloys & High Conducting Materials, Plastics & Polymers, Paints & Coatings, Glass, Fabric, Liquid, Paste & Powders, Refractory Materials, Wall Assembly of Above Listed Materials)	Thermal Conductivity	ASTM C 1363
10	MECHANICAL- BUILDINGS MATERIALS	Building Envelope (Bricks, Blocks, Tiles, Concrete, Cement Aggregates, Insulating Materials, Stones, Soil, Mud & Clay, Metal Alloys & High Conducting Materials, Plastics & Polymers, Paints & Coatings, Glass, Fabric, Liquid, Paste & Powders, Refractory Materials, Wall Assembly of Above Listed Materials)	Thermal Resistance (R-Value)	ASTM C 1363
11	MECHANICAL- BUILDINGS MATERIALS	Building Envelope (Bricks, Blocks, Tiles, Concrete, Cement Aggregates, Insulating Materials, Stones, Soil, Mud & Clay, Metal Alloys & High Conducting Materials, Plastics & Polymers, Paints & Coatings, Glass, Fabric, Liquid, Paste & Powders, Refractory Materials, Wall Assembly of Above Listed Materials)	Thermal Transmittance (U-Value)	ASTM C 1363

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12	MECHANICAL- BUILDINGS MATERIALS	Cement	Specific Heat capacity	ISO 22007-2
13	MECHANICAL- BUILDINGS MATERIALS	Cement	Thermal Conductivity	ISO 22007-2
14	MECHANICAL- BUILDINGS MATERIALS	Cement	Thermal diffusivity	ISO 22007-2
15	MECHANICAL- BUILDINGS MATERIALS	Concrete	Specific Heat Capacity	ISO 22007-2
16	MECHANICAL- BUILDINGS MATERIALS	Concrete	Thermal Conductivity	ISO 22007-2
17	MECHANICAL- BUILDINGS MATERIALS	Concrete	Thermal Diffusivity	ISO 22007-2
18	MECHANICAL- BUILDINGS MATERIALS	Glazing Materials (Glass, Paints, Tiles, Opaque Materials)	Thermal Emittance	ASTM C 1371
19	MECHANICAL- BUILDINGS MATERIALS	Insulation Sheet for Walls or Roof	Specific Heat Capacity	ISO 22007-2
20	MECHANICAL- BUILDINGS MATERIALS	Insulation Sheet for Walls or Roof	Thermal conductivity	ISO 22007-2
21	MECHANICAL- BUILDINGS MATERIALS	Insulation Sheet for Walls or Roof	Thermal diffusivity	ISO 22007-2
22	MECHANICAL- BUILDINGS MATERIALS	Liquid, paste & powder	Thermal Diffusivity	ISO 22007-2
23	MECHANICAL- BUILDINGS MATERIALS	Liquid,paste & powder	Specific heat capacity	ISO 22007-2
24	MECHANICAL- BUILDINGS MATERIALS	Liquid,Paste & Powder	Thermal Conductivity	ISO 22007-2
25	MECHANICAL- BUILDINGS MATERIALS	Plastics	Specific heat capacity	ISO 22007-2
26	MECHANICAL- BUILDINGS MATERIALS	Plastics	Thermal conductivity	ISO 22007-2
27	MECHANICAL- BUILDINGS MATERIALS	Plastics	Thermal Diffusivity	ISO 22007-2
28	MECHANICAL- BUILDINGS MATERIALS	Soil	Specific heat capacity	ISO 22007-2
29	MECHANICAL- BUILDINGS MATERIALS	Soil	Thermal conductivity	ISO 22007-2
30	MECHANICAL- BUILDINGS MATERIALS	Soil	Thermal Diffusivity	ISO 22007-2

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31	MECHANICAL- BUILDINGS MATERIALS	Steel	Specific heat capacity	ISO 22007-2
32	MECHANICAL- BUILDINGS MATERIALS	Steel	Thermal conductivity	ISO 22007-2
33	MECHANICAL- BUILDINGS MATERIALS	Steel	Thermal diffusivity	ISO 22007-2
34	MECHANICAL- BUILDINGS MATERIALS	Stones	Specific heat capacity	ISO 22007-2
35	MECHANICAL- BUILDINGS MATERIALS	Stones	Thermal Conductivity	ISO 22007-2
36	MECHANICAL- BUILDINGS MATERIALS	Stones	Thermal diffusivity	ISO 22007-2
37	MECHANICAL- BUILDINGS MATERIALS	Tiles	Specific Heat Capacity	ISO 22007-2
38	MECHANICAL- BUILDINGS MATERIALS	Tiles	Thermal conductivity	ISO 22007-2
39	MECHANICAL- BUILDINGS MATERIALS	Tiles	Thermal Diffusivity	ISO 22007-2