



National Accreditation Board for  
Testing and Calibration Laboratories

**CERTIFICATE OF ACCREDITATION**

**CMT LABS LLP**

has been assessed and accredited in accordance with the standard

**ISO/IEC 17025:2017**

**"General Requirements for the Competence of Testing &  
Calibration Laboratories"**

for its facilities at

74-8-8/19A/2, VIJAYAWADA MUNICIPAL CORPORATION, REVENUE WARD 11, VIJAYAWADA, ANDHRA  
PRADESH, INDIA

in the field of

**TESTING**

Certificate Number: TC-15095

Issue Date: 12/12/2024

Valid Until: 11/12/2028

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued  
satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website [www.nabl-india.org](http://www.nabl-india.org))

Name of Legal Entity: CMT LABS LLP

Signed for and on behalf of NABL



N. Venkateswaran  
Chief Executive Officer



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## SCOPE OF ACCREDITATION

**Laboratory Name :**

CMT LABS LLP, 74-8-8/19A/2, VIJAYAWADA MUNICIPAL CORPORATION, REVENUE WARD 11, VIJAYAWADA, ANDHRA PRADESH, INDIA

**Accreditation Standard**

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**Validity**

12/12/2024 to 11/12/2028

**Last Amended on**

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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 Testing				
1	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	AAC Blocks	Block Density	IS 6441 (Part 1)
2	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	AAC Blocks	Compressive Strength	IS 6441 (Part 5)
3	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	AAC Blocks	Dimensions - height	IS 2185 (part 3 )
4	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	AAC Blocks	Dimensions - length	IS 2185 (part 3 )
5	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	AAC Blocks	Dimensions - width	IS 2185 (part 3)
6	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	AAC Blocks	Moisture content	IS 6441( Part 1)
7	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen	Fire Point	IS 1209



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8	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen	Flash Point	IS 1209
9	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen	Penetration	IS 1203
10	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen	Softening Point	IS 1205
11	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt clay Bricks	Compressive Strength	IS: 3495 (Part-1)
12	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt clay Bricks	Dimension Height	IS: 1077
13	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt clay Bricks	Dimension Length	IS: 1077
14	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt clay Bricks	Dimension Width	IS: 1077



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15	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt clay Bricks	Water Absorption	IS:3495 (Part-2)
16	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement (PPC/OPC)	Final Setting Time	IS 4031:Part 5
17	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement (PPC/OPC)	Initial Setting Time	IS 4031:Part 5
18	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement (PPC/OPC)	Normal consistency	IS 4031:Part 4
19	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Cement (PPC/OPC)	Compressive Strength	IS 4031:Part 6
20	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Bulk Density (Rodded)	IS 2386 (Part-3)
21	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Bulk Density(Loose)	IS 2386 (Part 3)





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22	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse aggregate	Elongation Index	IS 2386 (Part 1)
23	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse aggregate	Flakiness Index	IS 2386 (Part 1)
24	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse aggregate	Impact Value	IS 2386 (Part 4)
25	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse aggregate	Sieve Analysis (4.75,10.16.19, 20,40 63 mm 80 mm)	IS 2386 (Part 1)
26	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse aggregate	Specific Gravity	IS 2386 (part 3)
27	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse aggregate	Water Absorption	IS 2386 (part 3)
28	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Bulk Density (Loose)	IS 2386 (Part 3)



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29	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine aggregate	Bulk Density (Rodded)	IS 2386 (Part 3)
30	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine aggregate	Material Finer than 75 micron	IS 2386 (Part 1)
31	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine aggregate	Sieve Analysis(0.015,0.300, 0.425 0.600, 2. 10 ,19 mm )	IS 2386 (Part 1)
32	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine aggregate	Specific Gravity	IS 2386 (part 3)
33	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine aggregate	Water Absorption	IS 2386 (part 3)
34	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened concrete	Compressive Strength (CC Core)	IS 516 (Part 4)
35	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened concrete	Compressive Strength (CC Cube)	IS 516 (Part-1/ Section-1)



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36	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened concrete	Compressive Strength(Accelerated Curing By Boiling Water Method)	IS:9013
37	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver Blocks	Compressive Strength	IS 15658
38	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Paver Blocks	Water Absorption	IS 15658 (annex c)
39	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Reinforcement steel	Mass per Meter	IS 1786
40	MECHANICAL- SOIL AND ROCKS	Soil	California Bearing Ratio (CBR)	IS 2720 (Part 16)
41	MECHANICAL- SOIL AND ROCKS	Soil	Light Compaction (MDD)	IS 2720 (Part 7)
42	MECHANICAL- SOIL AND ROCKS	Soil	Light Compaction (OMC)	IS 2720 (Part 7)
43	MECHANICAL- SOIL AND ROCKS	Soil/GSB	Liquid Limit	IS 2720 (Part 5)
44	MECHANICAL- SOIL AND ROCKS	Soil/GSB	Plastic Limit	IS 2720 (Part 5)
45	MECHANICAL- SOIL AND ROCKS	Soil/GSB/WMM	Grain size analysis (0.075 mm -10.0 mm)	IS 2720 (Part 4)
46	MECHANICAL- SOIL AND ROCKS	Soil/GSB/WMM	Heavy Compaction (OMC)	IS 2720 (Part 8)
47	MECHANICAL- SOIL AND ROCKS	Soil/GSB/WMM	Heavy Compaction (MDD)	IS 2720 (Part 8)





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Site Testing				
1	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Rebound Hammer Test	IS 516 (Part 5/Sec 4)
2	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Ultrasonic Pulse Velocity Test	IS 516 (Part 5/ Sec 1)