

Quality And Accreditation Institute

Centre for International Accreditation



Certificate of Accreditation

Integrated Centre for Quality Assurance (OPC) Private Limited (Testing Unit)

*Praja Parishad Huzur Nagar Revenue, Municipality house No.18-317/5/1, Sy.No.320/E, 321,
Block No. 18, Plot No. 11, Kodad Main Road, Beside PST, Huzur Nagar, Suryapet - 508 204, Telangana, India*

has been assessed and accredited in accordance with the Standard

ISO/IEC 17025:2017

"General Requirements for the Competence of Testing and Calibration Laboratories"

In the field of

Testing

*This certificate remains valid for the Scope of Accreditation as specified in
the annexure subject to continued compliance with the above standard &
any other requirements specified by QAI.*



QAI/CIA/TL/2026/0185

Valid from: 21 August 2026

Valid until: 20 August 2028

Dr. Bhupendra Kumar Rana
Chief Executive Officer

Prof. Vikram Kumar
Chair, CIA



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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Building, Infrastructure & Construction Materials		
1.	Burnt Clay Bricks/Fly Ash Bricks	Compressive Strength	IS 3495: Part 1: 2019
2.	Burnt Clay Bricks/Fly Ash Bricks	Water Absorption	IS 3495: Part 2: 2019
3.	Burnt Clay Fly Ash (Bricks)	Dimension, Height	IS 13757: 1993
4.	Burnt Clay Fly Ash (Bricks)	Dimension, Length	IS 13757: 1993
5.	Burnt Clay Fly Ash (Bricks)	Dimension, Width	IS 13757: 1993
6.	Cement (PPC/OPC)	Compressive Strength	IS 4031: Part 6: 1988
7.	Cement (PPC/OPC)	consistency	IS 4031: Part 4: 1988
8.	Cement (PPC/OPC)	Final Setting Time	IS 4031: Part 5: 1988
9.	Cement (PPC/OPC)	fineness by dry sieving	IS 4031: Part 1: 1996
10.	Cement (PPC/OPC)	Initial Setting Time	IS 4031: Part 5: 1988
11.	Coarse Aggregate	Bulk Density Loose	IS 2386: Part 3: 1963

This is annexure to 'Certificate of Accreditation' and does not require any signature.

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Building, Infrastructure & Construction Materials		
12.	Coarse Aggregate	Bulk Density Rodded	IS 2386: Part 3: 1963
13.	Coarse Aggregate	Elongation Index	IS 2386: Part 1: 1963
14.	Coarse Aggregate	Flakiness Index	IS 2386: Part 1: 1963
15.	Coarse Aggregate	Sieve Analysis (100mm to 2.36mm)	IS 2386: Part 1: 1963
16.	Coarse Aggregate	Specific gravity	IS 2386: Part 3: 1963
17.	Coarse Aggregate	Water absorption	IS 2386: Part 3: 1963
18.	Wet Mix Macadam (WMM)	Flakiness Index	IS 2386: Part 1: 1963
19.	Wet Mix Macadam (WMM)	Elongation Index	IS 2386: Part 1: 1963
20.	Wet Mix Macadam (WMM)	Sieve Analysis (53.0mm to 0.075mm)	IS 2386: Part 1: 1963
21.	Wet Mix Macadam (WMM)	Water absorption	IS 2386: Part 3: 1963
22.	Wet Mix Macadam (WMM)	Specific gravity	IS 2386: Part 3: 1963



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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Building, Infrastructure & Construction Materials		
23.	Water Bound Macadam	Sieve analysis (75mm to 0.180mm)	IS 2386: Part 1: 1963
24.	Water Bound Macadam	Flakiness Index	IS 2386: Part 1: 1963
25.	Water Bound Macadam (WBM)	Water absorption	IS 2386: Part 3: 1963
26.	Hardened concrete (Core)	Compressive Strength	IS 516: Part 4: 2018
27.	Concrete	Slump Test	IS 1199(Part-2): 2018
28.	Hardened concrete (Cube)	Compressive Strength	IS 516: Part 1: Sec 1:2021
29.	Concrete (Paver Blocks)	Compressive Strength	IS 15658: 2021 ANNEX D
30.		Water Absorption	IS 15658: 2021 ANNEX C
31.		Dimension (Thickness)	IS15658: 2021
32.	Autoclaved Cellular Concrete Products	Compressive Strength	IS 6441 (Part5) 1972

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Building, Infrastructure & Construction Materials		
33.	Autoclaved Cellular Aerated Concrete Block	Dimension Height	IS 2185 PART 3:1984
34.	Autoclaved Cellular Aerated Concrete Block	Dimension Length	IS 2185 PART 3: 1984
35.	Autoclaved Cellular Aerated Concrete Block	Dimension width	IS 2185 PART 3:1984
36.		Block Density	IS 6441 PART 1:1972
37.	Fine Aggregate	Bulk Density Loose	IS 2386: Part 3: 1963
38.	Fine Aggregate	Bulk Density Rodded	IS 2386: Part 3: 1963
39.	Fine Aggregate	Sieve Analysis (Sieve Sizes: 10.0 mm, To 0.150 mm)	IS 2386: Part 1: 1963
40.	Fine Aggregate	Silt Content	CPWD Specifications (Vol.1) APPENDIX (Clause 3.1.3.2): 2009
41.	Fine Aggregate	Specific gravity	IS 2386: Part 3: 1963
42.	Fine Aggregate	Water absorption	IS 2386: Part 3: 1963
43.	Bituminous Mixes (DBM/BC/BM/SDBC)	Bitumen Binder Content	IRC- SP 11 (Appendix 5C - 1998

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Building, Infrastructure & Construction Materials		
44.	Bituminous Mixes (DBM/BC/BM/SDBC)	Penetration	IS 1203: 2022
45.	Bituminous Mixes (DBM/BC/BM/SDBC)	Density	ASTMD 2726: 2021
46.	Bituminous Mixes (DBM/BC/BM/SDBC)	Softening point	IS: 1205 :2022



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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Soil and Rock		
1.	Soil/Granular Sub Base Mix/ Wet Mix Macadam	California Bearing Ratio (CBR)	IS 2720: Part 16: 1987
2.	Soil/Granular Sub Base Mix/ Wet Mix Macadam	Heavy Compaction (MDD)	IS 2720: Part 8: 1983
3.	Soil/Granular Sub Base Mix/ Wet Mix Macadam	Heavy Compaction (OMC)	IS 2720: Part 8: 1983
4.	Soil/Granular Sub Base Mix/ Wet Mix Macadam	Light Compaction (MDD)	IS 2720: Part 7: 1980
5.	Soil/Granular Sub Base Mix/ Wet Mix Macadam	Light Compaction (OMC)	IS 2720: Part 7: 1980
6.	Soil/Granular Sub Base Mix/ Wet Mix Macadam	Liquid Limit	IS 2720: Part 5: 1985
7.		Plastic Limit	IS 2720: Part 5: 1985
8.	Soil	Grain Size Analysis (100 mm to 0.075mm)	IS 2720: Part 4: 1985
9.	Soil	Free Swell Index	IS 2720: Part 40: 1977
10.	Soil	Direct Shear - Angle of Shearing Resistance (phi)	IS 2720: Part 13: 1986
11.	Soil	Direct Shear - Cohesion c	IS 2720: Part 13: 1986

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