



**International Quality And Accreditation Services Pvt. Ltd.**  
(Formerly International Quality And Accreditation Services LLP)  
25/33, 2nd Floor, East Patel Nagar New Delhi, 110008

### Scope of Accreditation for Testing

As per ISO/IEC 17025:2017

**CAB Name:** Ekam Venture  
**Address:** Plot No 8, Eknath Bungalow, A/S/M Sector, Near Hotel Asoda,  
Ashwin Nagar, Cidco, Nashik – 422009, Maharashtra.  
**Certificate No.:** T-0032

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**Issue date** : 16.10.2025  
**Validity** : 15.10.2029  
**Amendment date:** N/A

Sr. no.	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
<b>Chemical Discipline: Group: Building Material</b>					
1.	Coarse Aggregates	Soundness by Magnesium Sulphate (MgSO <sub>4</sub> )	1% - 30%	IS 2386 (Part 5): 1963	Mobile
2.	Coarse Aggregates	Soundness by Sodium Sulphate (Na <sub>2</sub> SO <sub>4</sub> )	1% - 30%	IS 2386 (Part 5): 1963	Mobile
3.	Fine Aggregates	Soundness by Magnesium Sulphate (MgSO <sub>4</sub> )	0.1% to 10%	IS 2386 (Part 5): 1963	Mobile
4.	Fine Aggregates	Soundness by Sodium Sulphate (Na <sub>2</sub> SO <sub>4</sub> )	0.1% to 10%	IS 2386 (Part 5): 1963	Mobile
<b>Chemical Discipline: Group: Building, Infrastructure &amp; Construction Materials</b>					
5.	Cement: OPC33, 43, 53 Grades / PPC / PSC / white cement	Fineness by Dry Sieving	1% to 10%	IS 4031 (Part 01): 1996	Mobile
6.	Cement :OPC33, 43, 53 Grades / PPC / PSC / white cement	Consistency	20% to 40%	IS 4031 (Part 4): 1988	Mobile
7.	Cement:OPC33, 43, 53 Grades / PPC / PSC / white cement	Initial Setting Time	15 min to 180 min	IS 4031 (Part 5): 1989	Mobile
8.	Cement:OPC33, 43, 53 Grades / PPC / PSC / white cement	Final Setting Time	60 min to 800 min	IS 4031 (Part 5): 1990	Mobile
9.	Coarse Aggregate	Elongation Index	1% to 50%	IS 2386 (Part 01): 1963	Mobile
10.	Coarse Aggregate	Flakiness Index	1% to 60%	IS 2386 (Part 01): 1963	Mobile
11.	Coarse Aggregate	Gradation	0% to 100%	IS 2386 (Part 01): 1963	Mobile
12.	Concrete Core	Compressive strength of Concrete Cores	5 N/mm <sup>2</sup> to 70 N/mm <sup>2</sup>	IS 516 (Part 04): 2018	Mobile

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**Reg Office:** 307/20, 2nd Lane No. 5A, Ranjit Nagar, New Delhi 110008, India



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Sr. no.	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
13.	Fine Aggregate (river sand, Manufactured Sand, Crush sand)	Material Finer than 75 micron	1% to 30%	IS 2386 (Part 1): 1963	Mobile
14.	Fine Aggregate (river sand, Manufactured Sand, Crush sand)	Gradation of fine aggregate	0% to 100%	IS 2386 (Part 1): 1963	Mobile
15.	Fine Aggregate (river sand, Manufactured Sand, Crush sand)	Specific Gravity	1.5 to 3	IS 2386 (Part 3): 1963	Mobile
16.	Fine Aggregate (river sand, Manufactured Sand, Crush sand)	Water Absorption	0.1% to 10%	IS 2386 (Part 03): 1963	Mobile
17.	Fine Aggregates	Clay Lumps	0.1% to 2%	IS 2386 (Part 2): 1963	Mobile
18.	Fresh Concrete Mix	Slump Test	0 mm to 300 mm	IS 1199 (Part 2): 2018	Mobile
19.	GSB MIX	Gradation of GSB mix	0% to 100%	IS 2386 (Part 01): 1963	Mobile
20.	GSB MIX	Liquid Limit	15% to 80%	IS 2720 (Part 05): 1985	Mobile
21.	GSB MIX	Free Swell Index	0% to 50%	IS 2720 (Part 40): 1977	Mobile
22.	Hardened Concrete	Compressive Strength	5 MPa to 70 MPa	IS 516 (Part 01) (section 01): 2021	Mobile
23.	Hardened Concrete	Density	2.4 g/cc to 2.7 g/cc	IS 516 (Part 02) (section 01): 2018	Mobile
<b>Chemical Discipline: Group: Soil Basic</b>					
24	Soil / Granular Material	Free Swell Index	0% to 80%	IS 2720 (Part 40): 1977	Mobile
25	Soil / Granular Material	Grain Size Analysis (below 4.75mm sieve)	0% to 100%	IS 2720 (Part 04): 1985	Mobile
26	Soil / Granular Material	Liquid Limit	10% to 80%	IS 2720 (Part 5): 1985	Mobile

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Sr. no.	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
27	Soil / Granular Material	Plastic Limit	0% to 60%	IS 2720 (Part 5): 1985	Mobile
28	Soil / Granular Material	Water Content by oven drying	0% to 80%	IS 2720 (Part 2): 1973	Mobile
29	Soil / Granular Material	Determination of specific gravity of Fine-grained soil	1 to 5	IS 2720 (Part 3: Sec 1): 1980	Mobile
30	Soil/ Granular material	Determination of specific gravity of Fine, medium and coarse-grained soils	1 to 5	IS 2720 (Part 3: Sec 2): 1980	Mobile
<b>Chemical Discipline: Group: Soil Field</b>					
31	Soil field	Soil field density by Sand Replacement Method	1.5 g/cc to 2.5 g/cc	IS 2720 (Part 28): 1974	Mobile
32	Soil field	Soil field density by Core Cutter Method	1.5 g/cc to 2.5 g/cc	IS 2720 (Part 29): 1975	Mobile
33	WMM Mix	Elongation Index	1% to 50%	IS 2386 (Part 01): 1963	Mobile
34	WMM Mix	Gradation	0% to 100%	IS 2386 (Part 01): 1963	Mobile
35	WMM Mix	Flakiness Index	0% to 50%	IS 2386 (Part 01): 1963	Mobile
36	Dry Lean Concrete (DLC)	Sieve Analysis (% Passing)	0% to 100%	IS 2386 (Part 01): 1963	Mobile
37	Pavement Quality Concrete (PQC)	Sieve Analysis (% Passing)	0% to 100%	IS 2386 (Part 01): 1963	Mobile
38	Pavement Quality Concrete (PQC)	Sand Patch Test	0 to 1 mm	As per MoRTH Sec. 602.12	Mobile
39	Dense Bituminous Macadam (DBM)	Sieve Analysis (% Passing)	0% to 100%	IS 2386 (Part 01): 1963	Mobile
40	Bituminous Concrete (BC)	Sieve Analysis (% Passing)	0% to 100%	IS 2386 (Part 01): 1963	Mobile
41	Surface Regularities	Surface Irregularities	4 mm to 7 mm	As per MoRTH Table No. 900-2	Mobile

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<b>Chemical Discipline: Group: Building Materials - Reinforced concrete structures</b>					
42	Reinforced concrete structures	Rebound Hammer Test	20 N/mm <sup>2</sup> to 55 N/mm <sup>2</sup>	IS 516: (Part 5/ Sec 4): 2020	Mobile
43	Reinforced concrete structures	Ultrasonic Pulse Velocity	0.50 km/s to 6.00 km/s	IS 516 (Part 5/Sec 1): 2018	Mobile

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