National Accreditation Board for Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

DARSHAN CONSULTANCY CELL, DARSHAN INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

HADALA, RAJKOT-MORBI HIGHWAY, RAJKOT, GUJARAT, INDIA

in the field of

TESTING

Certificate Number: TC-6067

Issue Date: 02/09/2025 **Valid Until:** 01/09/2029

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 thislaboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: SHREE G.N. PATEL EDUCATION AND CHARITABLE TRUST

Signed for and on behalf of NABL

Anita Rani
Director

N. Venkateswaran
Chief Executive Officer

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : DARSHAN CONSULTANCY CELL, DARSHAN INSTITUTE OF ENGINEERING AND TECHNOLOGY, HADALA, RAJKOT-MORBI HIGHWAY, RAJKOT, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 02/09/2025 to 01/09/2029 **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 Testing				
1	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Absolute Viscosity	IS: 1206 (Part-2)
2	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS: 1208 (Part 1)
3	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematic Viscosity	IS: 1206 (Part-3)
4	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS: 1203
5	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS: 1205
6	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS 1202
7	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Binder Content	IRC: SP: 112
8	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Density	ASTM D2726
9	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Flow	IS 17127
10	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Stability	IS 17127
11	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Compressive Strength	IS: 3495 (Part-1)
12	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Dimension (Height)	IS 1077
13	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Dimension (Length)	IS: 1077
14	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Dimension (Width)	IS: 1077
15	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Efflorescence	IS: 3495 (Part-3)
16	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Water Absorption	IS: 3495 (Part-2)
17	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031 (Part-6)
18	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS:4031 (Part-4)
19	MECHANICAL- BUILDINGS MATERIALS	Cement	Density	IS 4031 (Part-11)

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20	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031 (Part-5)
21	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Blaine's Air Permeability	IS: 4031 (Part-2)
22	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Dry Sieving	IS: 4031 (Part-1)
23	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS: 4031 (Part-5)
24	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Le-Chatelier's Method	IS: 4031 (Part-3)
25	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion Value by Los-Angeles Machine	IS: 2386 (Part-4)
26	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS: 2386 (Part-3)
27	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS:2386 (Part-4)
28	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS: 2386 (Part-1)
29	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS: 2386 (Part-1)
30	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS: 2386 (Part-4)
31	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (Sieve size: 4.75 mm to 80 mm)	IS: 2386 (Part-1)
32	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS: 2386 (Part-3)
33	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS: 2386 (Part-3)
34	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS: 2386 (Part-3)
35	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (Sieve size: 0.075 mm to 10 mm)	IS: 2386 (Part-1)
36	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS: 2386 (Part-3)
37	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS: 2386 (Part-3)
38	MECHANICAL- BUILDINGS MATERIALS	Flexible Pavement	Bankelman Beam Deflection	IRC:81
39	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump	IS:1199 (Part 2)

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40	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Cube Compressive Strength	IS: 516 (Part 1) (Sec 1)
41	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Flexural Strength	IS: 516 (Part 1) (Sec 1)
42	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Steel Bars for Concrete Reinforcement	Bend (24 mm, 30 mm, 36 mm,40 mm,48 mm,50 mm, 60 mm, 80 mm,100 mm, 110 mm, 125 mm, 128 mm, 225 mm)	IS 1599
43	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Steel Bars for Concrete Reinforcement	Elongation	IS: 1608 (Part-1)
44	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Steel Bars for Concrete Reinforcement	Mass per Meter	IS: 1786
45	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Steel Bars for Concrete Reinforcement	Rebend (24 mm, 30 mm, 36 mm,40 mm,48 mm,50 mm, 60 mm, 80 mm,100 mm, 110 mm, 125 mm, 128 mm, 225 mm)	IS 1786
46	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Steel Bars for Concrete Reinforcement	Tensile Strength	IS: 1608 (Part-1)
47	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Steel Bars for Concrete Reinforcement	Yield Stress	IS: 1608 (Part-1)
48	MECHANICAL- SOIL AND ROCKS	Soil	California Bearing Ratio	IS: 2720 (Part-16)
49	MECHANICAL- SOIL AND ROCKS	Soil	Direct Shear (Angle of Shearing Resistance)	IS: 2720 (Part-13)
50	MECHANICAL- SOIL AND ROCKS	Soil	Direct Shear-Cohesion	IS: 2720 (Part-13)
51	MECHANICAL- SOIL AND ROCKS	Soil	Free Swell Index	IS: 2720 (Part-40)
52	MECHANICAL- SOIL AND ROCKS	Soil	Grain Size Analysis (10 mm, 4.75 mm, 2.00 mm, 1.00 mm, 0.6 mm, 0.425 mm, 0.3 mm, 0.212 mm, 0.15 mm, 0.075 mm)	IS: 2720 (Part-4)
53	MECHANICAL- SOIL AND ROCKS	Soil	Heavy Compaction - Maximum Dry Density	IS: 2720 (Part-8)
54	MECHANICAL- SOIL AND ROCKS	Soil	Heavy Compaction - Optimum Moisture Content	IS: 2720 (Part-8)
55	MECHANICAL- SOIL AND ROCKS	Soil	Light Compaction - Maximum Dry Density	IS: 2720 (Part-7)
56	MECHANICAL- SOIL AND ROCKS	Soil	Light Compaction - Optimum Moisture Content	IS: 2720 (Part-7)

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57	MECHANICAL- SOIL AND ROCKS	Soil	Liquid Limit by Cone Penetrometer	IS: 2720 (Part-5)
58	MECHANICAL- SOIL AND ROCKS	Soil	Plastic Limit	IS: 2720 (Part-5)
59	MECHANICAL- SOIL AND ROCKS	Soil	Specific Gravity	IS: 2720 (Part-3)
60	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Hardened Concrete	Ultrasonic Pulse Velocity Testing	IS 516 (Part 5 / Sec 1)