National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY ENGINEERING SERVICES, PLOT NO-15, WARD NO-3/B, GANPATI MARG, ADIPUR, GANDHIDHAM, KUTCH, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6688 **Page No** 1 of 3

Validity 04/02/2022 to 03/02/2024 **Last Amended on** 30/03/2022

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	Brick	Efflorescence	IS:3495 (Part 3)
2	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Flow	ASTM D 6927
3	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Stability	ASTM D 6927
4	MECHANICAL- BUILDINGS MATERIALS	Brick	Compressive Strength	IS:3495 (Part 1)
5	MECHANICAL- BUILDINGS MATERIALS	Brick	Dimensions (L, W & H)	IS:1077
6	MECHANICAL- BUILDINGS MATERIALS	Brick	Water Absorption	IS:3495 (Part 2)
7	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031(Part 6)
8	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031 (Part 4)
9	MECHANICAL- BUILDINGS MATERIALS	Cement	Density	IS 4031(Part 11)
10	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031(Part 5)
11	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Blaine's Air Permeability	IS 4031 (Part 2)
12	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Dry Sieving	IS 4031 (Part 1)
13	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031(Part 5)
14	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Le-Chatelier Method	IS 4031 (Part 3)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion Value by Los Angeles Machine	IS:2386 (Part 4)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS:2386 (Part 3)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS:2386 (Part 4)
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS:2386 (Part 1)

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19	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS:2386 (Part 1)
20	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS:2386 (Part 4)
21	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (4.75 to 80 mm)	IS:2386 (Part 1)
22	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS:2386 (Part 3)
23	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Ten Percent Fines value	IS:2386 (Part 4)
24	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS:2386 (Part 3)
25	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS:2386 (Part 3)
26	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material Finer than 75 Micron	IS:2386 (Part 1)
27	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (0.075 to 10 mm)	IS:2386 (Part 1)
28	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS:2386 (Part 3)
29	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS:2386 (Part 3)
30	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump Test	IS 1199
31	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete Cube	Compressive Strength	IS 516
32	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Absolute Viscosity at 60?	IS 1206 (Part 2)
33	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Ductility at 25 degrees centigrade.	IS:1208
34	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Flash Point	IS:1209
35	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Kinematic Viscosity at 135?	IS 1206 (Part 3)
36	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Loss on Heating	IS:1212
37	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Penetration at 25?	IS:1203

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38	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Softening Point	IS:1205
39	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Specific Gravity	IS:1202
40	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paving Blocks	Compressive Strength	IS 15658
41	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paving Blocks	Water Absorption	IS 15658