National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : STARK ENGINEERING CO., 53/4, SHANKAR TEKARI, UDHYOG NAGAR, GIDC - I, JAMNAGAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10250 **Page No** 1 of 3

Validity 24/01/2022 to 23/01/2024 **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 Facility				
1	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Binder Content	ASTM D 2172
2	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility Test	IS 1208
3	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203
4	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
5	MECHANICAL- BUILDINGS MATERIALS	Brick	Brick Dimension (Height)	IS 1077
6	MECHANICAL- BUILDINGS MATERIALS	Brick	Brick Dimension (Length)	IS 1077
7	MECHANICAL- BUILDINGS MATERIALS	Brick	Brick Dimension (Width)	IS 1077
8	MECHANICAL- BUILDINGS MATERIALS	Brick	Compressive Strength	IS 3495 (Part 1)
9	MECHANICAL- BUILDINGS MATERIALS	Brick	Efflorescence	IS 3495 (Part 3)
10	MECHANICAL- BUILDINGS MATERIALS	Brick	Water Absorption	IS 3495 (Part 2)
11	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031 (Part 6)
12	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031 (Part 5)
13	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Blain Air Permeability Method	IS 4031 (Part 2)
14	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 (Part 5)
15	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Le-Chatelier Method	IS 4031 (Part 3)
16	MECHANICAL- BUILDINGS MATERIALS	Cement	Standard Consistency	IS 4031 (Part 4)
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	Los Angeles Abrasion Value	IS 2386 (Part 4)
22	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis	IS 2386 (Part 1)
23	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
24	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
25	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	IS 2386 (Part 1)
26	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
27	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
28	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength of Cube	IS 516
29	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Flexural Strength	IS 516
30	MECHANICAL- BUILDINGS MATERIALS	Pre-Cast Concrete Block for Paving	Compressive Strength	IS 15658
31	MECHANICAL- BUILDINGS MATERIALS	Pre-Cast Concrete Block for Paving	Water Absorption	IS 15658
32	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel Bar	Elongation	IS 1608 (Part 1)
33	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel Bar	Tensile Strength of Steel	IS 1608 (Part 1)
34	MECHANICAL- SOIL AND ROCK	Soils	Angle of Internal Friction Direct Shear	IS 2720 (Part 13)
35	MECHANICAL- SOIL AND ROCK	Soils	California Bearing Ratio	IS 2720 (Part 16)
36	MECHANICAL- SOIL AND ROCK	Soils	Cohesion using Direct Shear	IS 2720 (Part 13)
37	MECHANICAL- SOIL AND ROCK	Soils	Heavy Compaction (MDD)	IS 2720 (Part 8)

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38	MECHANICAL- SOIL AND ROCK	Soils	Heavy Compaction (OMC)	IS 2720 (Part 8)
39	MECHANICAL- SOIL AND ROCK	Soils	Light Compaction (MDD)	IS 2720 (Part 7)
40	MECHANICAL- SOIL AND ROCK	Soils	Light Compaction (OMC)	IS 2720 (Part 7)
41	MECHANICAL- SOIL AND ROCK	Soils	Liquid Limit	IS 2720 (Part 5)
42	MECHANICAL- SOIL AND ROCK	Soils	Plastic Limit	IS 2720 (Part 5)
43	MECHANICAL- SOIL AND ROCK	Soils	Shrinkage Limit	IS 2720 (Part 6)
44	MECHANICAL- SOIL AND ROCK	Soils	Sieve Analysis	IS 2720 (Part 4)