



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name ADVANCED DIAGNOSTIC LABORATORY, DR. FIXIT INSTITUTE OF STRUCTURAL PROTECTION & REHABILITATION, PIDILITE INDUSTRIES LIMITED, RAMKRISHNA MANDIR ROAD, ANDHERI(E), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6042 Page No. : 1 / 3

Validity 01/06/2019 to 31/05/2021 Last Amended on 04/06/2019

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
1	CHEMICAL- BUILDING MATERIAL	Hardened Concrete	Chloride Content	IS 14959 (Part 2): 2016	0.01 % to 0.6 %
2	CHEMICAL- BUILDING MATERIAL	Hardened Concrete	pH Value	IS:3025(Part 11): 2017	3 to 14
3	CHEMICAL- BUILDING MATERIAL	Hardened Concrete	Rapid Chloride Ion Permeability test	ASTM C1202: 2010	500 Coulombs to 6000 Coulombs
4	CHEMICAL- BUILDING MATERIAL	Hardened Concrete	Sulphate content - SO3	BS 1881(Part 124): 1988	0.1 % to 2 %
5	CHEMICAL- BUILDING MATERIAL	Rock / Aggregate	Alkali Aggregate Reactivity Test (Dissolved Silica)	IS:2386 (Part 7): 2016	2.5 m moles /lit to 600 m moles/lit
6	CHEMICAL- BUILDING MATERIAL	Rock / Aggregate	Alkali Aggregate Reactivity Test (Reduction in Alkalinity)	IS:2386 (Part 7): 2016	2.5 m moles /lit to 1000 m moles /lit
7	MECHANICAL- BUILDINGS MATERIALS	Aggregates for Concrete	Petrographic Examination	IS 2386 Part VIII: 1963 RA 2016	Qualitative
8	MECHANICAL- BUILDINGS MATERIALS	Concrete	Petrographic Examination	ASTM C856: 2018	Qualitative
9	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Depth of Penetration of Water under Penetration	BS EN 12390-8: 2009	0 mm to 100 mm
10	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete - Cubes & Cores	Compressive Strength	IS:516: 1959 RA 2013	2 N/mm2 to 75 N/mm2



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Site Facility					
1	MECHANICAL-BUILDINGS MATERIALS	Concrete Masonry Surfaces	Thermographic Inspection	ASTM C1060: 2015	Qualitative
2	MECHANICAL-BUILDINGS MATERIALS	Hardened Concrete	Pull-out Force	EN 12504-3: 2005	1 kN to 80 kN
3	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Hardened Concrete	Carbonation	BS EN 14630: 2006	0 mm to 80 mm
4	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Hardened Concrete	Depth of Cover	BS:1881 (Part 204): 1986	5 mm to 80 mm
5	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Hardened Concrete	Half Cell potential Difference	ASTM C876: 2015	-750 mV to 200 mV
6	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Hardened Concrete	Rebound Hammer	IS 13311 (Part 2) 1991, RA: 2013	10 R to 65 R



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7	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Hardened Concrete	Ultrasonic Pulse Velocity	IS:13311 (Part 1): 1991, RA: 2008	0.1 km/sec to 5 km/sec