

Laboratory Spectrum Lab Tech, Laxmi Industries, 8-A N/H, Morbi, Gujarat

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-7297

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Validity 28.05.2018 to 27.05.2020

Last Amended on --

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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CHEMICAL TESTING

I.	WATER			
1.	Construction Water	pH	IS 3025 (Part 11)	1 to 14
		Total Dissolved Solids	IS 3025 (Part 16)	2 mg/L to 10000 mg/L

Naveen Jangra
Convenor

Alok Jain
Program Director

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MECHANICAL TESTING

I.	BUILDING MATERIALS			
1.	Coarse Aggregate	Sieve analysis / Gradation	IS 2386 (Part 1)	0.01 % to 100.0 % (4.75 mm to 100 mm)
		Flakiness index	IS 2386 (Part 1)	1.00 % to 40.00 %
		Elongation index	IS 2386 (Part 1)	1.00 % to 40.00 %
		Aggregate impact value	IS 2386 (Part 4)	1 % to 50 %
		Los angel's abrasion value	IS 2386 (Part 4)	1 % to 50 %
2.	Cement	Consistency	IS 2386 (Part 4)	20 % to 40 %
3.	Concrete Cube	Compressive Strength	IS 516	10 N/mm ² to 85 N/mm ²

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