

Laboratory **Civil Quality Consultants & Engineers, #133, Bhuvaneshwarinagar,
Doddabasti Main Road, Bangalore, Karnataka**

Accreditation Standard **ISO/IEC 17025: 2005**

Certificate Number **TC-7758**

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Validity **30.08.2018 to 29.08.2020**

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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MECHANICAL TESTING

I.	BUILDING MATERIALS			
1.	Hardened Concrete Cube	Compressive Strength	IS 516	10 N/mm ² to 80 N/mm ²
2.	Concrete Block (Hollow & Solid)	Compressive Strength	IS 2185 (Part 1) Annexure-D	1 N/mm ² to 25 N/mm ²
3.	Coarse Aggregates	Sieve Analysis	IS 2386 (Part 1)	0.1 % to 100 % (4.75 mm to 80 mm)
		Flakiness Index	IS 2386 (Part 1)	2 % to 50 %
		Elongation Index	IS 2386 (Part 1)	2 % to 50 %
		Specific Gravity	IS 2386 (Part 3)	1 to 4
		Water Absorption	IS 2386 (Part 3)	0.1 % to 2.5 %
		Impact Value	IS 2386 (Part 4)	5 % to 50 %
		Bulk Density	IS 2386 (Part 3)	1 kg/L to 2 kg/L
4.	Fine Aggregates	Sieve Analysis	IS 2386 (Part 1)	0.1 % to 100 % (0.15 mm to 10 mm)
		Specific Gravity.	IS 2386 (Part 3)	1 to 4
		Water Absorption	IS 2386 (Part 3)	0.1 % to 5.0 %
		Bulk Density	IS 2386 (Part 3)	1 kg/L to 2 kg/L