Laboratory Geo Test House - A Division of Geo Designs and Research Pvt. Ltd.,

Plot No. 101/1/2, GIDC, Sector-28, Gandhinagar, Gujarat

Accreditation Standard ISO/IEC 17025: 2005

Discipline Mechanical Testing Issue Date 16.07.2014

Certificate Number T-2928 Valid Until 21.04.2016

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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I. BU	ILDING MATERIA	LS		
1.	Steel (Reinforcement Steel)	Ultimate Tensile Stress	IS 1608 : 2005	200 to 900 N/mm <sup>2</sup> (600 kN Cap.)
		Yield Stress	IS 1608 : 2005	200 to 800 N/mm <sup>2</sup> (600 kN Cap.)
		Elongation	IS 1608: 2005	5 to 40 %
		Mass per Meter	IS 1786 : 2008	0.1 to 30 kg/m
2.	Aggregates (Coarse)	Sieve Analysis	IS 2386 (Part-1): 1963 RA 2011	4.75 mm to 80 mm
		Specific Gravity	IS2386 (Part-3): 1963 RA 2011	1.5 to 3.5
		Water Absorption	IS2386 (Part-3): 1963 RA 2011	0.5 to 10 %
3.	Aggregates (Fine)	Sieve Analysis	IS 2386 (Part-1): 1963 RA 2011	4.75 mm to 75 micron
		Specific Gravity	IS2386 (Part-3): 1963 RA 2011	1.5 to 3.5
		Water Absorption	IS2386 (Part-3): 1963 RA 2011	0.5 to 10 %

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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
4.	Bricks (Burnt Clay Building Bricks &	Compressive Strength	IS 3495 (Part-1): 1992 RA 2011	5 to 35 N/mm <sup>2</sup>
	Flyash Bricks)	Water Absorption	IS 3495 (Part-2): 1992 RA 2011	5 to 30 %
5.	Hardened Concrete	Compressive Strength	IS 516 : 1959 RA 2008	5 to 80 N/mm <sup>2</sup>
II. SC	OIL & ROCK TESTI	NG		
1.	Soil	Light Compaction	IS 2720 (Part-7): 1980 RA 2011	MDD: 1 to 3 g/cc OMC: 5 to 30 %
		Heavy Compaction	IS 2720 (Part-8): 1983 RA 2011	MDD: 1.5 to3 g/cc OMC: 5 to 25 %