

Laboratory	Material Testing & Quality Management Centre, Sibbari Road, Athal Basti, P.O. Ghungoor (SMC) District, Cachar, Silchar, Assam		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Mechanical Testing	Issue Date	05.08.2013
Certificate Number	T-2615	Valid Until	04.08.2015
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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
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I. BUILDING MATERIALS

1. Testing of Aggregate (Fine & Coarse)	Parcticle Size Distribution	IS 2386 (Part I) : 1963	10 mm to 150 μ m
	Free Surface Moisture	IS 2386 (Part III) : 1963	0 to 2%
	Flakiness Index	IS 2386 (Part I) : 1963, RA 2010	63 mm to 6.3 mm
	Elongation Index	IS 2386 (Part I): 1963, RA 2010	63 mm to 6.3 mm
	Aggregate Impact Value	IS 2386 (Part IV) : 1963, RA 1983	0 to 100
	Los Angeles Abrasion Value	IS 2386 (Part IV): 1963, RA 1983	0 to 100
2. Testing of Bricks	Compressive Strength	IS 3495 (Part I) : 1992	0 to 140 kg/cm ²
	Water Absorption	IS 3495 (Part II) : 1992	0 to 20 %
	Efflorescence's	IS 3495 (Part III) : 1992	0 to 100 %
3. Testing of Soil	Moisture Content	IS 2720 (Part IX) 1965, RA 1984	0 to 30%
	Field Density (By Core Cutter Method)	IS 2720 (Part XXIX) 1975	0 to 2.20 g/cc
	Specific Gravity	IS 2720 (Part III) : 1980	1 to 5
	Grain Size Analysis	IS 2720 (Part IV) : 1985	4.75 mm to 75 μ m
	Atterburge Limits	IS 2720 (Part V) : 1985	LL : 0 to 80 PL : 1 to 40
	Maximum Dry Density & OMC by Standard Proctor Test	IS 2720 (Part VII & VIII):1980 & 1983, RA 1984	MDD : 1 to 2.5 g/cc OMC : 1 to 25 %

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