

Laboratory	MAP Technical Consultancy – Civil Engineering Laboratory, E/1, Darshan Complex, B/h. Karmachari School, Ranna Park, Ghatlodia, Ahmedabad, Gujarat		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Mechanical Testing	Issue Date	31.03.2014
Certificate Number	T-1079	Valid Until	30.03.2016
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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
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BUILDING MATERIALS

1. Aggregates for Concrete	Sieve analysis	IS 2386, Part 1 – 1963	75 micron to 80 mm
	Determination of material finer than 75 micron	IS 2386, Part 1 – 1963	1 % to 100 %
	Determination of flakiness index for coarse aggregates	IS 2386, Part 1 – 1963	1 % to 100 %
	Determination of elongation index for coarse aggregates	IS 2386, Part 1 – 1963	1 % to 100 %
	Determination of specific gravity	IS 2386, Part 3 – 1963	1.50 to 4.0
	Determination of water absorption	IS 2386, Part 3 – 1963	0 to 10.0%
	Determination of aggregates crushing value	IS 2386, Part 4 – 1963	1 % to 20 %
	Determination of aggregate impact value	IS 2386, Part 4 – 1963	1 % to 50 %

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2.	Burnt Clay Building Bricks	Determination of compressive strength	IS 3495, Part 1 – 1992	10 kN to 1000 kN
		Determination of water Absorption	IS 3495, Part 2 – 1992	1% to 50%
		Dimension	IS 1077:1992	1.0 mm to 10.0 meter
		Determination of Efflorescence	IS 3495, Part 3 – 1992	Visual
3.	Concrete	Determination of compressive strength of concrete specimen	IS 516 – 2005	10 kN to 1800 kN
		Slump test	IS 1199 – 2005	1mm to 300 mm
4.	Tar And Bituminous Materials	Determination of penetration	IS 1203 – 1978	1mm to 400 mm
		Determination of ductility	IS 1208 – 1978	1cm to 100 cm
		Determination of softening Point	IS 1205 – 1978	1°C to 100°C
		Determination of specific gravity by pycnometer method	IS 1202 – 1978	0.5 to 1.5

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