

Laboratory Civil Material Testing Laboratory, Tata Power Delhi Distribution Limited, PP-II GRID, Police Line Crossing, Distt. Pitampura, New Delhi

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-6667

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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.	Bricks (Common Burnt Clay Building Bricks)	Dimension: Length Width Height	IS 1077	4400 mm to 4680 mm 2160 mm to 2360 mm 1360 mm to 1600 mm
		Compressive Strength	IS 3495 (Part-1)	3 N/mm ² to 50 N/mm ²
		Water Absorption	IS 3495 (Part-2)	1 % to 30 %
		Efflorescence	IS 3495 (Part-3)	Qualitative
2.	Concrete Cube / Cylinder	Compressive Strength	IS 516	5 N/mm ² to 88 N/mm ²
3.	Coarse Aggregate	Impact Value	IS 2386 (Part-4)	10% to 60 %
		Sieve Analysis	IS 2386 (Part-1)	4.75 mm to 80 mm (Upto 100 %)
4.	Fine Aggregate	Sieve Analysis	IS 2386 (Part-1)	0.150 mm to 10 mm (Upto 100 %)
		Material finer than 75 micron Sieve (Silt content)	IS 2386 (Part-1)	Upto 100 %

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