

Laboratory **Gayathri Associates, P.No. 71, Nandi Hills, Hunter Road, Hanamkonda, Warangal Urban, Telangana**

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

Certificate Number **TC-8088**

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Validity **19.11.2018 to 18.11.2020**

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.	<b>BUILDING MATERIALS</b>			
1.	<b>Coarse Aggregates</b>	Sieve Analysis	IS 2386 (Part 1)	4.75 mm to 63 mm/ 0 to 100 %
		Specific Gravity	IS 2386 (Part 3)	2 to 4
		Water Absorption	IS 2386 (Part 3)	0.1 % to 5 %
		Aggregate Impact Value	IS 2386 (Part 4)	5 % to 50 %
2.	<b>Fine Aggregates</b>	Sieve Analysis	IS 2386 (Part 1)	150 mic to 10 mm/ 0 to 100
		Specific Gravity	IS 2386 (Part 3)	2 to 4
		Water Absorption	IS 2386 (Part 3)	0.1 % to 5 %
3.	<b>Bricks Clay/ Fly Ash Bricks</b>	Compressive Strength	IS 3495 (Part 1)	2.5 N/mm <sup>2</sup> to 30 N/mm <sup>2</sup>
		Water Absorption	IS 3495 (Part 2)	1% to 25%
4.	<b>Hardended Concrete (Core/Cube)</b>	Compressive Strength	IS 516	5.0 N/mm <sup>2</sup> to 80 N/mm <sup>2</sup> (40 kN to 1800 kN)