

Laboratory Volmaken Engineering Pvt. Ltd., 9/10, Second Floor, Agar Business Mall, Chhwani Naka, Agar-Malwa, Dist. Agar, Madhya Pradesh

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-7901

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Validity 26.09.2018 to 25.09.2020

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. BUILDING MATERIALS				
1.	Coarse Aggregates	Sieve Analysis	IS 2386 (Part 1): 1963 (RA 2016)	4.75 mm to 40 mm
		Specific Gravity	IS 2386 (Part 3): 1963 (RA 2016)	2 to 4
		Water Absorption	IS 2386 (Part 3): 1963 (RA 2016)	0.1 % to 5 %
		Flakiness Index	IS 2386 (Part 1): 1963 (RA 2016)	1 % to 50 %
		Elongation Index		
	Aggregate Impact Value	IS 2386 (Part 4): 1963 (RA 2016)	5 % to 50 %	
2.	Fine Aggregates	Sieve Analysis	IS 2386 (Part 1): 1963 (RA 2016)	4.75 mm to 75 Micron
		Specific Gravity	IS 2386 (Part 3): 1963 (RA 2016)	2 to 4
		Silt Content	IS 2386 (Part 1): 1963 (RA 2016)	0.1 % to 20 %
3.	Common Burnt Clay/ Fly ash Bricks	Compressive Strength	IS 3495 (Part 1): 1992	5 N/mm ² to 50 N/mm ²
		Water Absorption	IS 3495 (Part 2): 1992	1 % to 50 %
4.	Hardened Concrete	Compressive Strength	IS 516: 1959 (RA 2004)	10 N/mm ² to 88 N/mm ²