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Accreditation Standard ISO/IEC 17025: 2005

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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.	BUILDINGS MATERIALS			
1.	Concrete	Compressive strength	IS 516: 1959 (RA 2013)	1 MPa to 110 MPa
2.	Coarse Aggregate	Sieve analysis	IS 2386 (Part 1): 1963 (RA 2016)	0.1 % to 100 % (4.75 mm to 40 mm)
		Bulk density	IS 2386 (Part 3): 1963 (RA 2016)	1 kg/l to 2.5 kg/l
		Specific gravity	IS 2386 (Part 3): 1963 (RA 2016)	2.0 to 4.0
		Water Absorption	IS 2386 (Part 3): 1963 (RA 2016)	0.1 % to 5 %
		Impact Value	IS 2386 (Part 4): 1963 (RA 2016)	5 % to 50 %
		Crushing Value	IS 2386 (Part 4): 1963 (RA 2016)	3 % to 50 %
		Elongation index	IS 2386 (Part 1): 1963 (RA 2016)	1 % to 50 %
		Flakiness Index	IS 2386 (Part 1): 1963 (RA 2016)	1 % to 50 %
3.	Fine Aggregate	Sieve analysis	IS 2386 (Part 1): 1963 (RA 2016)	0.1 % to 100 % (150 µm to 10 mm)
		Material finer than 75 microns	IS 2386 (Part 1): 1963 (RA 2016)	1 % to 25 %
		Bulk density	IS 2386 (Part 3): 1963 (RA 2016)	1 kg/l to 2.5 kg/l
		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 %