



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name PRISM JOHNSON LIMITED, RMC (INDIA DIVISION) CENTRAL LAB  
THIRUMUDIVAKKAM, AC26 SIDCO INDUSTRIAL ESTATE, CHENNAI,  
KANCHIPURAM, TAMIL NADU , INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5297 Page No. : 1 / 2

Validity 04/05/2019 to 03/05/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
<b>Permanent Facility</b>					
1	MECHANICAL-BUILDINGS MATERIALS	Coarse aggregate	Bulk Density (Avg of Loose and Rodded)	IS 2386: 1963	1300 kg/l to 1900 kg/l
2	MECHANICAL-BUILDINGS MATERIALS	Coarse aggregate	Elongation Index	IS 2386 : 1963	1 % to 50 %
3	MECHANICAL-BUILDINGS MATERIALS	Coarse aggregate	Flakiness Index	IS 2386: 1963	1 % to 50 %
4	MECHANICAL-BUILDINGS MATERIALS	Coarse aggregate	Sieve Analysis	IS 2386: 1963	4.75 mm to 63 mm
5	MECHANICAL-BUILDINGS MATERIALS	Coarse aggregate	Specific Gravity	IS 2386 : 1963	2 to 4
6	MECHANICAL-BUILDINGS MATERIALS	Coarse aggregate	Water Absorption	IS 2386: 1963	0.20 % to 2 %
7	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Avg of Loose and Rodded)	IS 2386: 1963	1300 kg/l to 2100 kg/l
8	MECHANICAL-BUILDINGS MATERIALS	Fine aggregate	Sieve Analysis	IS 2386: 1963	0.075 mm to 10 mm
9	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386: 1963	0.5 % to 4 %



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10	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS 2386: 1963	2 to 4
11	MECHANICAL-BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength	IS 516: 1959	5 N/mm <sup>2</sup> to 80 N/mm <sup>2</sup>
12	MECHANICAL-BUILDINGS MATERIALS	Ordinary Portland Cement	Compressive Strength	IS 4031: 1988	5 N/mm <sup>2</sup> to 65 N/mm <sup>2</sup>
13	MECHANICAL-BUILDINGS MATERIALS	Ordinary Portland Cement	Final Setting Time	IS 4031(5): 1988	170 min to 600 min
14	MECHANICAL-BUILDINGS MATERIALS	Ordinary Portland Cement	Initial Setting Time	IS 4031(5): 1988	10 min to 250 min
15	MECHANICAL-BUILDINGS MATERIALS	Ordinary Portland Cement	Normal Consistency	IS 4031(4): 1988	25 % to 33 %