

Laboratory Orient Cement Limited, Quality Control Laboratory (CGU), Nashirabad, District Jalgaon, Maharashtra

Accreditation Standard ISO/IEC 17025:2005

Discipline Mechanical Testing **Issue Date** 19.08.2015

Certificate Number T-2028 **Valid Until** 18.08.2017

Last Amended on - **Page** 1 of 1

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I. BUILDING MATERIALS				
1.	Cement (OPC /PPC)	Density	IS 4031 (Part 11): 1988 (RA 2009)	1.5 g/cc to 3.5 g/cc
		Specific Surface (Blaine's)	IS 4031 (Part 2): 1991(RA 2009)	(150 to 600) m ² /kg
		Normal Consistency	IS 4031 (Part 4): 1988 (RA 2009)	20 % to 35 %
		Initial Setting time	IS 4031 (Part 5): 1988 (RA 2009)	(30 to 300) minutes
		Final Setting time	IS 4031 (Part 5): 1988 (RA 2009)	(100 to 600) minutes
		Soundness by Le-Chatelier method	IS 4031 (Part 3): 1988 (RA 2009)	0.5 mm to 10.0 mm
		Autoclave Expansion	IS 4031 (Part 3): 1988 (RA 2009)	0.01 % to 0.80 %
		Compressive Strength	IS 4031 (Part 6): 1988 (RA 2009)	16 MPa to 75 MPa
		Drying Shrinkage	IS 4031 (Part 10): 1988 (RA 2009)	0.01 % to 0.25 %

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