

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

Accreditation Standard ISO/IEC 17025:2005

Discipline Chemical Testing **Issue Date** 19.08.2015

Certificate Number T-2027 **Valid Until** 18.08.2017

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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)	SiO ₂	IS 4032: 1985 (RA 2009)	15.0 % to 38.0 %
		Al ₂ O ₃	IS 4032: 1985 (RA 2009)	1.0 % to 15.0 %
		Fe ₂ O ₃	IS 4032: 1985 (RA 2009)	1.0 % to 10.0 %
		CaO	IS 4032: 1985 (RA 2009)	25.0 % to 70.0 %
		MgO	IS 4032: 1985 (RA 2009)	1.0 % to 10.0 %
		Chloride	IS 4032: 1985 (RA 2009)	0.004 % to 0.5 %
		SO ₃	IS 4032: 1985 (RA 2009)	0.20 % to 7.00 %
		Loss on Ignition	IS 4032: 1985 (RA 2009)	0.20 % to 10.0 %
		Insoluble Residue/Material	IS 4032: 1985 (RA 2009)	0.20 % to 35.0 %

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