

Laboratory	JK Lakshmi Cement Limited, Physical Laboratory, P.O. Jaykaypuram, Dist. Sirohi, Rajasthan		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Mechanical Testing	Issue Date	26.08.2015
Certificate Number	T-0720	Valid Until	25.08.2017
Last Amended on	11.09.2015	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)	Determination of fineness by Blaine Air Permeability Method	IS 4031 (Part 2): 1999 (RA 2013)	200 m ² /kg to 400 m ² /kg
		Determination of Consistency of Standard Cement Paste	IS 4031 (Part 4): 1988 (RA 2014)	20 % to 40 %
		Setting Time Initial Final	IS 4031 (Part 5): 1988 (RA 2014)	30 min to 720 min
		Soundness by Lechatlier and By Autoclave	IS 4031 (Part 3): 1988 (RA 2014)	0 to 20 mm 0 to 4.0 %
		Compressive Strength	IS 4031 (Part 6): 1988 (RA 2014)	2 MPa to 65 MPa
2.	Cement (PPC)	Drying Shrinkage	IS 4031 (Part 10): 1988 (RA 2014)	0 to 0.20 %
3.	Pozzolana Material	Lime Reactivity Test	IS 1727: 1967 (RA 2013)	4.5 MPa to 15 MPa

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