

IS 1489
(Part 1) : 1991



CM/L 7033151

Ambuja Cements Ltd.

(UNIT : PANVEL)

Moha Village, Tal. Panvel, Dist. Raigad 410306

TEST CERTIFICATE

For

Date:20/02/15

Portland Pozzolana Cement Test & Compliance

Sr. No.	Characteristic	Requirement as per IS 1489 (Part-1) : 1991	Test Results
CHEMICAL REQUIREMENTS			
1.	Total Loss on Ignition (%)	5.0 (Max.)	1.80
2.	Insoluble Material (% by Mass) (Where X is the declared percentage of Flyash in the given P.P.C.)	$4.0 (100-X) + \frac{100}{100} (Max.)$	25.60
PHYSICAL REQUIREMENTS			
1.	Fineness		
	Specific Surface m ² /kg.	300 (Min.)	380.8
2.	Setting Time (Minutes)		
	(a) Initial	30 (Min.)	145
	(b) Final	600 (Max.)	200
3.	Soundness		
	(a) By Le-chatelier Method (mm)	10 (Max.)	0.50
	(b) Auto Clave (%)	0.8 (Max.)	0.01
4.	Compressive Strength in Mpa		
	(a) 72 ± 1h (3 days)	16 (Min.)	30.3
	(b) 168 ± 2h (7 days)	22 (Min.)	40.4
	(c) 672 ± 4h (28 days)	33 (Min.)	61.8

Declared percentage of Fly-ash in the given Portland Pozzolana Cement. 15 (Min.) 35 (Max.) 27.9

Pozzolanic material used for the manufacture of P.P.C. conforms to relevant I.S. Specification. The Above cement complies with the requirements of IS 1489 (Part 1) : 1991 for Portland Pozzolana Cement.

Week No. : 03 / 2015

Authorized Signatory

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