



SANGHI INDUSTRIES LIMITED
SANGHIPURAM – BHUJ
District : Kutch, Gujarat (India)
Laboratory Accrediated by ISO/IEC:17025 & ISO:9001



T 1233, T 1234

Phone (02831) 274131,274131,274135, Fax : (02831) 274106,274115 Email :-info@sanghiment.com

Dear Customer,

It is our endeavour to deliver you the best product made with choice of raw materials and with utmost care and dedication at every stage of manufacturing process with quality checks till the finished product, to enable to obtain best in terms of quality, consistency and reliability. It will be our pleasure to receive your valuable suggestions / feedback to extend our services in much more effective way.

Thank you.

TEST CERTIFICATE

PORTLAND POZZOLONA CEMENT

Sample Date 19.01.2016	MONTH	January	Week No: 03
CM / L - 3744164			
PARTICULARS	BIS SPECIFICATION IS : 1489(Part -1):1991		RESULTS
CHEMICAL COMPOSITION (% By Mass.)			
1) Loss On Ignition	Not greater than 5 %		1.84
2) Magnesium Oxide	Not greater than 6 % By Mass		2.77
3) Sulfur Trioxide	Not greater than 3.0 % By Mass		2.02
4) Insoluble Residue (X is the Declared Percentage of Fly Ash)	X + 4.0 (100-X) Max		13.93
	100		
5) Declared % of Fly Ash	15 - 35		35.0
6) Chloride	Not greater than 0.10 % By Mass		0.035
PHYSICAL REQUIREMENTS			
1) Fineness - Sp.Surface (m ² /kg)	Not less than 300 M ² /kg		341
2) Normal Consistency (%)	-		31.00
3) Setting Time (Minutes)			
(a) Initial	Not less than 30 minutes		140
(b) Final	Not more than 600 minutes		215
4) Soundness			
(a) Le - chatelier (mm)	Not more than 10 mm		1.00
(b) Autoclave (%)	Not more than 0.80 %		0.096
5) Drying Shrinkage	Not more than 0.15 %		
6) Compressive Strength (MPa)			
(a) 24 Hr. (1 Day)	-		
(b) 72 ± 1 Hr. (3 Days)	Not less than 16 MPa		32.0
(c) 168 ± 2Hrs. (7 Days)	Not less than 22 MPa		47.5
(d) 672 ± 4 Hrs. (28 Days)	Not less than 33 MPa		-

FROM THE WORKS OF THE LARGEST CEMENT PLANT

SANGHI PORTLAND POZZOLANA CEMENT

The above cement complies with the requirements of IS : 1489(Part-1):1991 for the Portland Pozzolana Cement.

Quality Manager