



ACC

WADI CEMENT WORKS

WORKS TEST CERTIFICATE



Portland Pozzolana Cement

(Fly ash based)

Name & Address of the Consignee :

BULK CEMENT CORPN.(INDIA) LTD,
KALAMBOLI, NEW-MUMBAI.

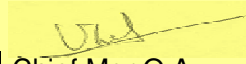
DATE 03.02.2015

DESPATCH PARTICULARS :-

WEEK NO- 03
(15.01.2015 to 21.01.2015)

	Results	Requirements as per IS:1489 (Part-I)-1991
1 CHEMICAL COMPOSITION :		
% Soluble Silica		
% Alumina		
% Iron Oxide		
% Lime		
% Magnesia	1.1	--- Not more than 6.0%
% Insoluble Residue	27.6	--- [X+4.0(100-X)/100] Max. X is % Pozzolana in PPC
% Sulphur Calculated as SO ₃	2.5	--- Not more than 3.0 %
% Loss On Ignition	1.9	--- Not more than 5.0 %
% Chloride	0.026	
2 FINENESS :		
Specific Surface (m ² /kg)	345	Not less than 300
3 COMPRESSIVE STRENGTH (MPa) :		
at 3-Days	28.4	Not less than 16
7-Days	36.2	Not less than 22
28-Days (W no-52)	52.8	Not less than 33
4 a) SETTING TIME (minutes) :		
Initial	140.0	Not less than 30
Final	220.0	Not more than 600
5 SOUNDNESS :		
Le-Chatelier Expn. (mm)	0.500	Not more than 10 mm
Autoclave Expn. (%)	0.040	Not more than 0.8 %
Drying shrinkage (%) (W-51)	0.006	Not more than 0.15 %
6 a) Normal Consistency (%)	32.0	
b) Temp.during Testing (deg.C)	27+/-2	
c) % POZZOLANA MATERIAL USED	31.4	Not less than 15% and not more than 35%

ACC LIMITED
Wadi Cement Works
P.O. WADI Jn
Dist. Guibarga-Karnataka
PIN : 585225


Chief Mgr.Q.A.