



ACC

WADI CEMENT WORKS

WORKS TEST CERTIFICATE



Portland Pozzolana Cement

(Fly ash based)

Name & Address of the Consignee :

VARIOUS PARTIES
INCLUDING ACC DUMPS


DATE 04.12.2014

DESPATCH PARTICULARS :-

WEEK NO- 47
19.11.2014 to 25.11.2014

	Results	Requirements as per IS:1489 (Part-I)-1991
1 CHEMICAL COMPOSITION :		
% Soluble Silica		
% Alumina		
% Iron Oxide		
% Lime		
% Magnesia	1.0	--- Not more than 6.0%
% Insoluble Residue	27.1	--- [X+4.0(100-X)/100] Max. X is % Pozzolana in PPC
% Sulphur Calculated as SO ₃	2.6	--- Not more than 3.0 %
% Loss On Ignition	1.9	--- Not more than 5.0 %
% Chloride	0.030	
2 FINENESS :		
Specific Surface (m ² /kg)	348	Not less than 300
3 COMPRESSIVE STRENGTH (MPa) :		
at 3-Days	28.9	Not less than 16
7-Days	36.4	Not less than 22
28-Days (W no-44)	53.8	Not less than 33
4 a) SETTING TIME (minutes) :		
Initial	150	Not less than 30
Final	205	Not more than 600
5 SOUNDNESS :		
Le-Chatelier Expn. (mm)	0.5	Not more than 10 mm
Autoclave Expn. (%)	0.007	Not more than 0.8 %
Drying shrinkage (%) (W-43)	0.02	Not more than 0.15 %
6 a) Normal Consistency (%)	32.5	
b) Temp.during Testing (deg.C)	27+/-2	
c) % POZZOLANA MATERIAL USED	30.8	Not less than 15% and not more than 35%

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Chief Mgr.Q.A.