



ACC

WADI CEMENT WORKS

WORKS TEST CERTIFICATE



53Gr.OPC

DATE 05.06.2015

Name & Address of the Consignee :


VARIOUS PARTIES
INCLUDING ACC DUMPS

DESPATCH PARTICULARS :-

WEEK NO- 21
(21.05.2015 to 27.05.2015)

	Results	Requirements as per IS: 12269 : 2013
1 CHEMICAL COMPOSITION :		
% Soluble Silica	21.5	
% Alumina	4.8	
% Iron Oxide	3.9	
% Lime	63.0	
% Magnesia	0.9	Not more than 6.0%
% Insoluble Residue	0.6	Not more than 4.0%
% Sulphur Calculated as SO ₃	2.7	Not more than 3.5%
% Loss On Ignition	1.8	--- Not more than 4.0 %
LIME SATURATION FACTOR	0.89	--- Between 0.80 & 1.02
PROPORTION OF ALUMINA TO IRON OXIDE TRI CALCIUM ALUMINATE	1.23	--- Not less than 0.66
% CHLORIDE	6.12	
2 FINENESS :	0.025	--- Not more than 0.1%
Specific Surface (m ² /kg)	291	--- Not less than 225
3 COMPRESSIVE STRENGTH (MPa) :		
at 3-Days	38.9	--- Not less than 27
7-Days	48.6	--- Not less than 37
28-Days (W no-18)	62.8	--- Not less than 53
4 SETTING TIME (minutes) :		
Initial	130	--- Not less than 30
Final	190	--- Not more than 600
5 SOUNDNESS :		
Le-Chatelier Expn. (mm)	1.0	--- Not more than 10 mm
Autoclave Expn. (%)	0.08	--- Not more than 0.8 %
6 a) Normal Consistency (%)	28.5	
b) Temp.during Testing (deg.C) :	27+/-2	

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


Chief Mgr.Q.A.