



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.

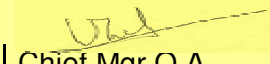
DATE 29.01.2016

DESPATCH PARTICULARS :-

WEEK NO- 03
(15.01.2016 to 21.01.2016)

| | 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 | 27.1 | --- [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 | 0.031 | |
| 2 FINENESS : | | |
| Specific Surface (m ² /kg) | 341 | Not less than 300 |
| 3 COMPRESSIVE STRENGTH (MPa) : | | |
| at 3-Days | 28.4 | Not less than 16 |
| 7-Days | 36.4 | Not less than 22 |
| 28-Days | Awaited | Not less than 33 |
| 4 a) SETTING TIME (minutes) : | | |
| Initial | 160.0 | Not less than 30 |
| Final | 215.0 | Not more than 600 |
| 5 SOUNDNESS : | | |
| Le-Chatelier Expn. (mm) | 0.000 | Not more than 10 mm |
| Autoclave Expn. (%) | 0.004 | Not more than 0.8 % |
| Drying shrinkage (%) | Awaited | Not more than 0.15 % |
| 6 a) Normal Consistency (%) | 30.8 | |
| b) Temp.during Testing (deg.C) | 27+/-2 | |
| c) % POZZOLANA MATERIAL USED | 30.3 | Not less than 15% and not more than 35% |

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


Chief Mgr.Q.A.