

TEST CERTIFICATE

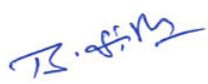


43 GRADE ORDINARY PORTLAND CEMENT

Despatched from: 24.06.2016 TO 30.06.2016

Week No: 26

A. PHYSICAL REQUIREMENTS	RESULTS	As per IS 8112– 2013
Fineness:		
a. Specific Surface (m ² /kg)	295	Not less than 225
b. Normal Consistency (%)	30.50	-----
Soundness:		
a. By Le-Chatelier Method (mm)	0.50	Not more than 10 mm
b. By Autoclave (%)	0.038	Not more than 0.8 %
Setting Time:		
a. Initial Setting Time (minutes)	155	Not less than 30
b. Final Setting Time (minutes)	250	Not more than 600
Compressive Strength (MPa)		
a. 3 days	29	Not less than 23
b. 7 days	40	Not less than 33
c. 28 days	Awaited	Not less than 43 & Not more than 58
B. CHEMICAL REQUIREMENTS		
a. Lime Saturation Factor	0.91	0.66 – 1.02
b. Aluminum Modules	1.16	Not less than 0.66
c. Insoluble Residue (%)	2.94	Not more than 4.0
d. Magnesia (%)	0.88	Not more than 6.0
e. Sulphuric Anhydride (%)	2.26	Not more than 3.5
f. Loss on Ignition (%)	2.96	Not more than 5.0
g. Chlorides (%)	0.00	Not more than 0.1
h. Temperature During Testing °C	27.00	27 ± 2


Analyst (Q.C)


DGM (Q.C)