



VICAT SAGAR CEMENT PVT. LTD.



A Group Company
of Vicat, France

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TEST CERTIFICATE

IS:8112



43 GRADE ORDINARY PORTLAND CEMENT

CM/L-4575475

Despatched from: 15.01.2015 TO 21.01.2015

Week No: 03

A. PHYSICAL REQUIREMENTS	RESULTS	As per IS 8112- 2013
Fineness:		
Specific Surface (m ² /kg)	291	Not less than 225
Normal Consistency (%)	29.00	
Soundness:		
a. By Le-Chatelier Method (mm)	0.50	Not more than 10 mm
b. By Autoclave (%)	0.060	Not more than 0.8 %
Setting Time:		
a. Initial Setting Time (minutes)	150	Not less than 30
b. Final Setting Time (minutes)	255	Not more than 600
Compressive Strength (MPa)		
a. 3 days	34.0	Not less than 23
b. 7 days	44.0	Not less than 33
c. 28 days	55.0	Not less than 43 & Not more than 58
B. CHEMICAL REQUIREMENTS		
a. Lime Saturation Factor	0.84	0.66 – 1.02
b. Aluminum Modules	1.07	Not less than 0.66
c. Insoluble Residue (%)	2.76	Not more than 4.0
d. Magnesia (%)	0.89	Not more than 6.0
e. Sulphuric Anhydride (%)	2.39	Not more than 3.5
f. Loss on Ignition (%)	2.80	Not more than 5.0
g. Chlorides (%)	0.002	Not more than 0.1
h. Temperature During Testing(°C)	27.50	?? + ?

DGM (QC)

Sr.GM (P&QC)