

KIRTON CONCRETE SERVICES LTD

INDEPENDENT TESTING LABORATORY



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CEMENT TEST RESULTS

Client :- TITAN CEMENT LTD., HULL
Report Reference :- TITAN 6045
Week reference :- TITAN 45 2015
Sample :- ORDINARY PORTLAND CEMENT
Sand :- FRENCH
Date of receipt of sample :- 10/11/2015
Date of tests :- 10/11/2015 to 08/12/2015
Date of Report :- 08/12/2015

RESULTS

FINENESS	4110 cm ² /g	(BS EN196 PART 6:2010)
STANDARD CONSISTENCE	28.5 %	(BS EN196 PART 3:2005)
INITIAL SETTING TIME	190 mins	(EN196 PART 3:2005)

COMPRESSIVE STRENGTH :- MORTAR PRISMS

(EN196 PART 1:2005)

AT 2 DAYS	28.5 MPa	(Mean of 6 results,none discarded)
AT 7 DAYS	46.9 MPa	(Mean of 6 results,none discarded)
AT 28 DAYS	59.1 MPa	(Mean of 6 results,none discarded)

CHEMICAL COMPOSITION :- by mass, as received

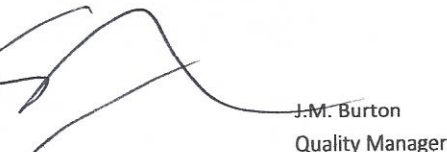
Chloride	0.03 %	(EN196 PART2:2013)
Average Chloride	0.02 last 25 Results	
Na ₂ O	0.15 %	(EN196 PART2:2013)
K ₂ O	0.52 %	(EN196 PART2:2013)
Na ₂ O (equiv)	0.49 %	(EN196 PART2:2013)
Na ₂ O Average Alkalis	0.52 last 25 Results	EN197-1:2000 N.B.4.3

End of Report

THE ABOVE RESULTS COMPLY WITH THE REQUIREMENTS OF
BS EN 197-1:2011 FOR CEM 1 52.5 N

Signed

Certificate signed by:
S.Burton A.M.I.C.T
Technical Manager



J.M. Burton
Quality Manager
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