

KIRTON CONCRETE SERVICES LTD

INDEPENDENT TESTING LABORATORY

MANOR HOUSE, STATION ROAD, HIBALDSTOW, BRIGG. DN20 9EB

TEL: 01652 656931 EMAIL: KIRTONLAB@AOL.COM



1175

TEST REPORT

Client :- TITAN CEMENT LTD. HULL
Report reference :- CHEMISTRY 65
Ship reference :- "9-19
Sample :- ORDINARY PORTLAND CEMENT
Sand :- FRENCH
Date received :- 11-Sep-19
Date of tests :- 11-Sep-19 to 09/10/2019

All results are based on sample received from the client

CHEMICAL COMPOSITION:- % by mass, as received

IR	0.34 (BSEN 196-2:2013)
SO ₃	2.59 (BSEN 196-2:2013)
LOI	3.19 (BSEN 196-2:2013)
K ₂ O	0.59 (BSEN 196-2:2013)
Na ₂ O	0.14 (BSEN 196-2:2013)
Na ₂ O(eq)	0.53 (BSEN 196-2:2013)
Chloride	0.01 (BSEN 196-2:2013)

The results determined by XRF analysis are not covered by the laboratories accreditation.

SiO ₂	19.76 by XRF
Al ₂ O ₃	4.41 by XRF
Fe ₂ O ₃	4.28 by XRF
CaO	64.7 by XRF
MgO	0.94 by XRF

The following results are not UKAS accredited:-

L.S.F.	0.99
C ₃ A	4.45
C ₃ S	64.04
C ₂ S	8.35
C ₄ AF	13.01
Free Lime	1.44

End of Report

Signed.....

Page 1 of 3

Date 14/10/2019

J.M. Burton

Quality Manager

S. Burton

Technical Manager