

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 74
Ship reference :- 4"20
Sample :- ORDINARY PORTLAND CEMENT
Sand :- FRENCH
Date received :- 02-Jun-20
Date of tests :- 02-Jun-20 to 30/06/2020

All results are based on sample received from the client

CHEMICAL COMPOSITION:- % by mass, as received

IR	0.40 (BSEN 196-2:2013)
SO ₃	3.24 (BSEN 196-2:2013)
LOI	1.90 (BSEN 196-2:2013)
K ₂ O	0.58 (BSEN 196-2:2013)
Na ₂ O	0.14 (BSEN 196-2:2013)
Na ₂ O(eq)	0.52 (BSEN 196-2:2013)
Chloride	0.07 (BSEN 196-2:2013)

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

SiO ₂	18.89 by XRF
Al ₂ O ₃	4.22 by XRF
Fe ₂ O ₃	3.3 by XRF
CaO	63.7 by XRF
MgO	2.44 by XRF

The following results are not UKAS accredited:-

L.S.F.	1.02
C ₃ A	5.61
C ₃ S	73.02
C ₂ S	-0.91
C ₄ AF	10.03
Free Lime	0.06

End of Report

Signed.....

Page 1 of 3

Date 02/07/2020

J.M. Burton

Quality Manager

S. Burton

Technical Manager