

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 83
Ship reference :- "1-21
Sample :- ORDINARY PORTLAND CEMENT
Sand :- FRENCH
Date received :- 20-Jan-21
Date of tests :- 20-Jan-21 to 17/02/2021

All results are based on sample received from the client

CHEMICAL COMPOSITION:- % by mass, as received

IR	0.58 (BSEN 196-2:2013)
SO ₃	2.47 (BSEN 196-2:2013)
LOI	2.23 (BSEN 196-2:2013)
K ₂ O	0.58 (BSEN 196-2:2013)
Na ₂ O	0.19 (BSEN 196-2:2013)
Na ₂ O(eq)	0.57 (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	19.26 by XRF
Al ₂ O ₃	4.27 by XRF
Fe ₂ O ₃	4.25 by XRF
CaO	64.6 by XRF
MgO	1.03 by XRF

The following results are not UKAS accredited:-

L.S.F.	1.02
C ₃ A	4.13
C ₃ S	68.19
C ₂ S	3.79
C ₄ AF	12.92
Free Lime	1.58

A handwritten signature in black ink, appearing to be 'S. Burton'.

End of Report

Signed.....

Page 1 of 3

Date 17/02/2021

J.M. Burton

Quality Manager

S. Burton

Technical Manager