

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 82
Ship reference :- "12-20
Sample :- ORDINARY PORTLAND CEMENT
Sand :- FRENCH
Date received :- 15-Dec-20
Date of tests :- 15-Dec-20 to 12/01/2021

All results are based on sample received from the client

CHEMICAL COMPOSITION:- % by mass, as received

IR	0.16 (BSEN 196-2:2013)
SO ₃	3.38 (BSEN 196-2:2013)
LOI	1.60 (BSEN 196-2:2013)
K ₂ O	0.50 (BSEN 196-2:2013)
Na ₂ O	0.14 (BSEN 196-2:2013)
Na ₂ O(eq)	0.47 (BSEN 196-2:2013)
Chloride	0.05 (BSEN 196-2:2013)

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

SiO ₂	19.00 by XRF
Al ₂ O ₃	4.63 by XRF
Fe ₂ O ₃	3.14 by XRF
CaO	63.8 by XRF
MgO	2.61 by XRF

The following results are not UKAS accredited:-

L.S.F.	1.01
C ₃ A	6.96
C ₃ S	66.69
C ₂ S	4.17
C ₄ AF	9.55
Free Lime	0.79

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

End of Report

Signed.....

Page 1 of 3

Date 13/01/2021

J.M. Burton

Quality Manager

S. Burton

Technical Manager