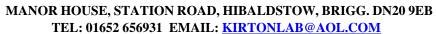
## KIRTON CONCRETE SERVICES LTD

## INDEPENDENT TESTING LABORATORY





1175

(BSEN 196-1:2016)

## TEST RESULTS

Client :- TITAN CEMENT LTD. HULL

Report reference :- TITAN

Weekly reference :- Week 48 /2017

Sample :- ORDINARY PORTLAND CEMENT

Sand :- FRENCH

Date received :- 28-Nov-17

Date of tests :- 28-Nov-17 to 01-Jan-18

**Results** 

FINENESS 3990 cm<sup>2</sup>/g (BSEN 196-6:2010)

STANDARD CONSISTANCE 29.5 % (BSEN 196-3:2016)

INITIAL SETTING TIME 157 mins (BSEN 196-3:2016)

COMPRESSIVE STRENGTH:- mortar prisms

AT 2 DAYS 30.8 Mpa (Mean of 6 results, none discarded)

AT 7 DAYS 48.8 Mpa (Mean of 6 results, none discarded)

AT 28 DAYS 71.0 Mpa (Mean of 6 results, none discarded)

CHEMICAL COMPOSITION:- by mass, as received

Chloride 0.00 % (BSEN 196-2:2013)

Average Chloride 0.01 Last 25 results

Na<sub>2</sub>O 0.10 % (BSEN 196-2:2013)

**K**<sub>2</sub>O **0.50** % (BSEN 196-2:2013)

Na<sub>2</sub>O (equiv ) 0.43 % (BSEN 196-2:2013)

Na<sub>2</sub>O Average Alkali's 0.45 Last 25 results

**End of Report** 

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

Signed...... Page 1 of 1

J.M. Burton Quality Manager

S. Burton **V** Technical Manager