

An independent testing laboratory specialising in the testing of cementitious materials

PREPARED FOR TITAN CEMENT Ltd. HULL

REPORT REFERENCE	Titan	138
CLIENT REFERENCE	CHEMISTRY	2025
SHIP REFERENCE	"2-25	
SAMPLE	ORDINARY PORTLAND CEMENT	
DATE OF RECEIPT OF SAMPLE	18-Mar-25	
DATE OF TESTS	18-Mar-25	to 15-Apr-25
DATE OF REPORT	22-Apr-25	

ALL RESULTS ARE BASED ON SAMPLE RECEIVED FROM THE CLIENT: TESTED AS RECEIVED.

CHEMICAL COMPOSITION :- by mass, as received

IR	1.22 %	(BSEN 196-6:2010)
SO ³	2.88 %	(BSEN 196-3:2016)
LOI	3.08 %	(BSEN 196-3:2016)
K ₂ O	0.48 %	(BSEN 196-3:2016)
Na ₂ O	0.29 %	(BSEN 196-3:2016)
Na ₂ O (eq)	0.61 %	(BSEN 196-3:2016)
Chloride	0.04 %	(BSEN 196-3:2016)

The following results are determined by XRF by an outside accredited laboratory.

SiO ₂	20.12	By XRF
Al ₂ O ₃	4.35	By XRF
Fe ₂ O ₃	4.31	By XRF
CaO	63.4	By XRF
MgO	2.98	By XRF

The following results are not UKAS accredited:-

L.S.F.	0.95 %
C ₃ A	4.24 %
C ₃ S	53.80 %
C ₂ S	17.11 %
C ₄ AF	13.10 %
Free Lime	1.94 %

END OF REPORT

SIGNED:



Certificate signed by:



S. Burton A.M.I.C.T
Technical Manager

J.M. Burton
Quality Manager