

An independent testing laboratory specialising in the testing of cementitious materials

PREPARED FOR TITAN CEMENT Ltd. HULL

REPORT REFERENCE	Titan	144
CLIENT REFERENCE	CHEMISTRY	2025
SHIP REFERENCE	"8/25	
SAMPLE	ORDINARY PORTLAND CEMENT	
DATE OF RECEIPT OF SAMPLE	27-Aug-25	
DATE OF TESTS	27-Aug-25	to 24-Sep-25
DATE OF REPORT	9-Oct-25	

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

CHEMICAL COMPOSITION :- by mass, as received

IR	0.42 %	(BSEN 196-6:2010)
SO ³	3.09 %	(BSEN 196-3:2016)
LOI	2.63 %	(BSEN 196-3:2016)
K ₂ O	0.50 %	(BSEN 196-3:2016)
Na ₂ O	0.24 %	(BSEN 196-3:2016)
Na ₂ O (eq)	0.57 %	(BSEN 196-3:2016)
Chloride	0.03 %	(BSEN 196-3:2016)

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

SiO ₂	20.23	By XRF
Al ₂ O ₃	4.51	By XRF
Fe ₂ O ₃	4.30	By XRF
CaO	64.1	By XRF
MgO	2.46	By XRF

The following results are not UKAS accredited:-

L.S.F.	0.96 %
C ₃ A	4.68 %
C ₃ S	54.19 %
C ₂ S	17.13 %
C ₄ AF	13.07 %
Free Lime	1.90 %

END OF REPORT

SIGNED:



Certificate signed by:

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

J.M. Burton

Quality Manager