

CERTIFICATE OF ANALYSIS

CERTIFICATE No. 0001-18

TEST CERTIFICATE FOR: HE Portland Cement

PRODUCED AT: Sunstate Cement Ltd, Port of Brisbane

SAMPLE IDENTIFICATION: Spot Despatch Sample sample E6P-000913 sampled on 2/1/2018

SAMPLE TESTED AT: Sunstate Cement Ltd, Port of Brisbane

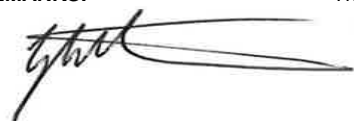
SPECIFIED PROPERTY	TEST METHOD	AS3972 REQUIREMENTS		RESULT
Compressive strength	AS2350.11, AS2350.12			
1 day				23.8 MPa
3 day		Minimum	25 MPa	42.8 MPa
7 day		Minimum	40 MPa	53.6 MPa
28 day				62.7 MPa
Setting time	AS2350.4			
Initial		Minimum	45 mins	90 mins
Final		Maximum	360 mins	165 mins
Soundness	AS2350.5	Maximum	5 mm	2 mm
Sulphuric anhydride (SO ₃)	In House	Maximum	3.5 %	2.9 %

REPORTABLE PROPERTY	TEST METHOD	RESULT
Loss on ignition	AS2350.2	2.7 %
Fineness	AS2350.8	375 m ² /kg
Chloride	AS3583.13	0.0139 %

OTHER PROPERTIES	TEST METHOD	RESULT
Normal Consistency	In House	30.2 %

SAMPLING PROCEDURE: Cement samples obtained according to the requirements of AS2350.1

REMARKS: The results of the above tests relate only to the sample as described above.



G Santaguiliana
Approved Signatory
9-Mar-2018



NATA accredited laboratory
 Laboratory Number: 2190 / 2191
 Accredited for compliance with
 ISO/IEC 17025

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