

CERTIFICATE OF ANALYSIS

CERTIFICATE No. 0251-20
TEST CERTIFICATE FOR: HE Portland Cement
PRODUCED AT: Sunstate Cement Ltd, Port of Brisbane
SAMPLE IDENTIFICATION: Spot Despatch Sample sample E6P-001021 sampled on 23/3/2020
SAMPLE TESTED AT: Sunstate Cement Ltd, Port of Brisbane

SPECIFIED PROPERTY	TEST METHOD	AS3972 REQUIREMENTS		RESULT
Compressive strength	AS2350.11, AS2350.12			
1 day				21.5 MPa
3 day		Minimum	25 MPa	37.8 MPa
7 day		Minimum	40 MPa	51.2 MPa
28 day				64.4 MPa
Setting time	AS2350.4			
Initial		Minimum	45 mins	105 mins
Final		Maximum	360 mins	165 mins
Soundness	AS2350.5	Maximum	5 mm	1 mm
Sulphuric anhydride (SO ₃)	In House	Maximum	3.5 %	2.7 %

REPORTABLE PROPERTY	TEST METHOD			RESULT
Loss on ignition	AS2350.2			3.3 %
Fineness	AS2350.8			410 m ² /kg
Chloride	AS3583.13			0.0036 %

OTHER PROPERTIES	TEST METHOD			RESULT
Normal Consistency	In House			29.5 %

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
28-Apr-2020

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A.B.N. 58 010 421 879
 POSTAL ADDRESS: PO BOX 350, WYNNUM, QLD. 4178
 PHONE: (07) 3895 9800 FAX: (07) 3895 9801



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

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