

CERTIFICATE OF ANALYSIS

**CERTIFICATE No.** 1701-18

**TEST CERTIFICATE FOR:** Slag Blend 60 (SR Cement)

**PRODUCED AT:** Sunstate Cement Ltd, Port of Brisbane

**SAMPLE IDENTIFICATION:** Spot Despatch Sample sample H6P-000548 sampled on 20/9/2018

**SAMPLE TESTED AT:** Sunstate Cement Ltd, Port of Brisbane

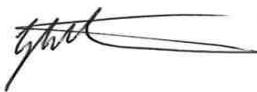
SPECIFIED PROPERTY	TEST METHOD	AS3972 REQUIREMENTS		RESULT
Compressive strength	AS2350.11, AS2350.12			
3 day				16.7 MPa
7 day		Minimum	20 MPa	29.4 MPa
28 day		Minimum	35 MPa	52.2 MPa
56 day				63.8 Mpa
Setting time	AS2350.4			
Initial		Minimum	45 mins	165 mins
Final		Maximum	600 mins	240 mins
Soundness	AS2350.5	Maximum	5 mm	1 mm
Sulphuric anhydride (SO <sub>3</sub> )	In House	Maximum	3.5 %	2.6 %

REPORTABLE PROPERTY	TEST METHOD			RESULT
Loss on ignition	AS2350.2			0.9 %
Fineness	AS2350.8			400 m <sup>2</sup> /kg
Chloride	AS3583.13			0.0076 %

OTHER PROPERTIES	TEST METHOD			RESULT
Normal Consistency	In House			32.5 %

**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**  
**10-Dec-2018**

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 Laboratory Number: 2190 / 2191  
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