

# Certificate Of Analysis

Certificate Number: **0238-21** Issue Number: **2** Issue Date: **22/11/2021 12:39:27 PM**  
 Test Certificate for: **Milled Slag**  
 Produced at: **Sunstate Cement Ltd., Port of Brisbane, Australia**  
 Monthly Composite for: **March, 2021**  
 Material Source: **Nippon Steel**  
 Point of Sampling: **Final product air slide, Sunstate Cement Ltd., Port of Brisbane, Australia**  
 Sample Tested at: **Sunstate Cement Ltd., Port of Brisbane, Australia**  
 Sample Identification: **T6M-000142**

SPECIFIC PROPERTY	TEST METHOD	AS3582.1 REQUIREMENTS		RESULT
Fineness	AS3583.1			93.0 %
Loss on ignition	AS3583.3			0.9 %
Insoluble residue	AS3583.14			0.4 %
SO <sub>3</sub>	InHouse			1.7 %
Available Alkali	AS3583.12			0.2 %
Chloride	AS3583.13	Maximum	0.1 %	0.002 %
Relative Density	AS3583.5			2.9 g/cm <sup>3</sup>
Relative Water	AS3583.6			100.0 %
Relative Strength	AS3583.6			88.5 %

**Sampling Procedure:**

Samples obtained were in accordance with AS2350.1

**Remarks:**

- 1 These results only relate to the specimens identified on this report
- 5 Available alkali determined by: Cement Australia Accreditation No 187 & 188



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



George Santagiuliana  
 Approved Signature  
 22/11/2021

***This certificate replaces previous certificate number 0238-21, issue 1 dated 7/07/2021 9:56:47 AM (REASON: Test Data Updated)***