

## Certificate Of Analysis

Certificate Number: **0054-21** Issue Number: **2** Issue Date: **22/11/2021 12:38:51 PM**  
Test Certificate for: **Milled Slag**  
Produced at: **Sunstate Cement Ltd., Port of Brisbane, Australia**  
Monthly Composite for: **January, 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-000140**

SPECIFIC PROPERTY	TEST METHOD	AS3582.1 REQUIREMENTS		RESULT
Fineness	AS3583.1			91.4 %
Loss on ignition	AS3583.3			0.8 %
Insoluble residue	AS3583.14			0.5 %
SO <sub>3</sub>	InHouse			2.0 %
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			102.3 %
Relative Strength	AS3583.6			83.3 %

### 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 0054-21, issue 1 dated 28/05/2021 12:59:39 PM (REASON: Test Data Updated)***