

Certificate Of Analysis

Certificate Number: **0451-21** Issue Number: **2** Issue Date: **22/11/2021 12:40:29 PM**
 Test Certificate for: **Milled Slag**
 Produced at: **Sunstate Cement Ltd., Port of Brisbane, Australia**
 Monthly Composite for: **July, 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-000146**

SPECIFIC PROPERTY	TEST METHOD	AS3582.1 REQUIREMENTS		RESULT
Fineness	AS3583.1			91.2 %
Loss on ignition	AS3583.3			1.5 %
Insoluble residue	AS3583.14			%
SO ₃	InHouse			1.4 %
Available Alkali	AS3583.12			%
Chloride	AS3583.13	Maximum	0.1 %	-0.044 %
Relative Density	AS3583.5			2.8 g/cm ³
Relative Water	AS3583.6			103.7 %
Relative Strength	AS3583.6			85.0 %

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 0451-21, issue 1 dated 30/09/2021 2:24:09 PM (REASON: Test Data Updated)