

Certificate Of Analysis

Certificate Number: **0047-25** Issue Number: **1** Issue Date: **24/04/2025 12:08:27 PM**
Test Certificate for: **Milled Slag**
Produced at: **Sunstate Cement Ltd., Port of Brisbane, Australia**
Monthly Composite for: **January, 2025**
Material Source:
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-000190**

SPECIFIC PROPERTY	TEST METHOD	AS3582.2 REQUIREMENTS		RESULT
Fineness	AS3583.1			95.2 %
Loss on ignition	AS3583.3			-0.2 %
Insoluble residue	AS3583.14			0.2 %
SO ₃	InHouse			%
Magnesia (MgO)	AS2350.2	Maximum	15 %	6.7 %
Alumina (Al ₂ O ₃)	AS2350.2	Maximum	18 %	13.5 %
Total Iron (Fe ₂ O ₃)	AS2350.2			0.9 %
Manganese (MnO)	AS2350.2			0.2 %
Total Alkali	AS2350.2			0.5 %
Avalible Alkali	AS3583.12			0.3 %
Chloride	AS3583.13	Maximum	0.1 %	0.002 %
Relative Density	AS3583.5			2.8 g/cm ³
Relative Water	AS3583.6			101.5 %
Relative Strength	AS3583.6			83.5 %

Sampling Procedure:

Samples obtained were in accordance with AS2350.1

Remarks:

- 1 These results only relate to the specimens identified on this report
- 2 Total Alkali determined at Australian Laboratory Services by ICP - AES using ME -ICP 91, Corporate Accreditation No 825, Corporate Site 818
- 3 XRF Analytical results determined at Australian Laboratory Services by XRF using ME -XRF 26, Corporate Accreditation No 825, Corporate Site 818
- 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

24/04/2025