



ABN 29 075 095 822

# Flyash Test Certificate

Final

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**Product Certified:** Fly Ash Grade 1  
**Test Certificate Number:** 210290  
**Produced At:** Vales Point Power Station, NSW  
**Sample Code:** B084953  
**Sample Date:** 30/06/2021

| Reportable Property  | Test Method | Requirements of AS3582.1 | Result  |
|--|-------------|--------------------------|---------|
| SiO <sub>2</sub> + Al <sub>2</sub> O <sub>3</sub> + Fe <sub>2</sub> O <sub>3</sub> | AS2350.2    | Min 70 %                 | 87 %    |
| Total Alkali (Na <sub>2</sub> O Equivalent)  | AS2350.2    | N/R                      | 2.2 %   |
| Sulfate (as SO <sub>3</sub> ) content  | AS2350.2    | Max 3.0 %                | 0.1 %   |
| Loss on Ignition   | AS3583.3    | Max 4.0 %                | 2.9 %   |
| Chloride Ion Content   | AS3583.13   | Max 0.1 %                | 0.001 % |
| Moisture Content   | AS3583.2    | Max 0.5 %                | 0.1 %   |
| 45 µm Residue  | AS3583.1    | Min 75 %                 | 85 %    |
| Relative Density   | AS3583.5    | N/R                      | 2.06    |
| Relative Water Requirement   | AS3583.6    | N/R                      | 99 %    |
| Strength Index   | AS3583.6    | Min 75 %                 | 84 %    |

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**REMARKS**

These test results apply specifically to the above designated sample as received at the Adelaide Brighton Cement Birkenhead Laboratory (Accredited number: 252), 62 Elder Rd Birkenhead SA 5015.

For Relative Water and Strength Index testing the reference control used is Birkenhead GP code B084be2.

This despatch grab sample complies to the requirements of AS3582.1:2016, Fly Ash Grade 1.

N/R = No Requirement



Accredited for compliance with ISO/IEC 17025 - Testing. The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards.

Approved Signatory

M. Wythe

**Issue Date:** 18/08/2021