

STANDARD FLY ASH CERTIFICATE



FINAL
Prior Reports: None



Certificate Number: CERT261816
Issued: 20 March 2026

Independent Flyash Brokers Pty Ltd
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Product being certified: Independent Flyash Broker Monthly Grab Fly Ash
Product sample date: 01-Feb-2026
Sample Identification: Sample Code: 26020587
Source Power Station: Millmerran Power Station
Sample Condition: Tested as Received. Testing Commenced on 12-Feb-2026
Certifying Laboratory: Cement Australia - Darra Laboratory,
18 Station Avenue, Darra Queensland 4076 Australia.

Test results in this report are only relevant to the sample tested.

Test Results

| Test | Moisture % | Fineness @ 45 micron % Passed | Loss on Ignition % | Sulfuric Anhydride % | Available Alkali % | Chloride Ion % | Chemical Composition % |
|---------------|---------------|-------------------------------------|--------------------------|----------------------------|--------------------------|----------------------|------------------------------|
| Result | < 0.1 | 88 | 0.2 | < 0.1 | Not Tested | < 0.002 | 94.4 |
| Test Method | AS 3583.2 | AS 3583.1 | AS 3583.3 | AS 2350.2 | AS 3583.12 | AS 3583.13 | AS 2350.2 |
| AS/NZS 3582.1 | 0.5 % Maximum | 75% Minimum | 4.0 % Maximum | 3.0 % Maximum | - | 0.1 % Maximum | 70% Minimum |

| Test | Relative Density | Relative Water Requirement % | Strength Index 7 Day Acc. % | Reference Cement Details |
|---------------|---------------------|------------------------------------|-----------------------------------|---|
| Result | 1.97 | 96 | 95 | Identification:: 26011077 Source: Gladstone GP |
| Test Method | AS 3583.5 | AS 3583.6 | AS 3583.6 | Product Type: Type GP |
| AS/NZS 3582.1 | - | - | 75% Minimum | Sample Date: 20-Jan-26 |

Additional Testing - Oxides


| Test | CaO by XRF % | SiO ₂ by XRF % | Al ₂ O ₃ by XRF % | Fe ₂ O ₃ by XRF % | SO ₃ by XRF % | MgO by XRF % | Na ₂ O by XRF % |
|-------------|--------------------|---------------------------------|---|---|--------------------------------|--------------------|----------------------------------|
| Result | 1.9 | 61.5 | 30.9 | 2.0 | < 0.1 | 1.0 | 0.43 |
| Test Method | AS 2350.2 | AS 2350.2 | AS 2350.2 | AS 2350.2 | AS 2350.2 | AS 2350.2 | AS 2350.2 |

| Test | K ₂ O by XRF % | SrO by XRF % | TiO ₂ by XRF % | P ₂ O ₅ by XRF % | Mn ₂ O ₃ by XRF % | Total Alkali (NaEQ) % |
|-------------|---------------------------------|--------------------|---------------------------------|--|---|-----------------------------|
| Result | 0.65 | <0.1 | 1.7 | <0.1 | < 0.1 | 0.86 |
| Test Method | AS 2350.2 | AS 2350.2 | AS 2350.2 | AS 2350.2 | AS 2350.2 | AS 2350.2 |

This sample conforms to the material requirements as prescribed in Table 1 of AS 3582.1


| Special | Grade 1 | Grade 2 |
|---------|---------|---------|
| | X | |

Approved Signatory



J Ventura
Signatory - Cement Australia
Chemical Testing
Construction Materials Testing

Accredited for compliance with ISO/IEC 17025 - Testing
NATA is a signatory to the ILAC Mutual Recognition
Arrangement for the mutual recognition of the
equivalence of testing, medical testing, calibration,
inspection, proficiency testing scheme providers and
reference materials producers reports and certificates.



Laboratory accreditation number: 187

WORLD RECOGNISED
ACCREDITATION

Notes: