STANDARD FLY ASH CERTIFICATE



FINAL Prior Reports: None

Issued: 03 July 2025

Product being certified: Independent Flyash Broker Monthly Grab Fly Ash

05-Jun-2025 Product sample date:

Sample Code: 25060367 Sample Identification: Millmerran Power Station **Source Power Station:**

Tested as Received. Testing Commenced on 10-Jun-2025 Sample Condition:

Certifying Laboratory: Cement Australia - Darra Laboratory,

18 Station Avenue, Darra Queensland 4076 Australia.

Independent Flyash Brokers Pty

Ltd **Head Office**

431 Moffatt Reserve Millmerran QLD 4357 Tel: (07) 4695 6033 Fax: (07) 4695 6133

www.mflyash.com.au

Test Results

Test	Moisture	Fineness @ 45 micron	Loss on Ignition	Sulfuric Anhydride	Available Alkali	Chloride Ion	Chemical Composition
	%	% Passed	%	%	%	%	%
Result	< 0.1	91	0.1	0.1	Not Tested	< 0.002	93.0
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	
		%	%	Identification:: 25060736	
Result	1.97	94	96	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: 17-Jun-25	

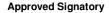
Additional Testing - Oxides

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	Na₂O by XRF
	%	%	%	%	%	%	%
Result	2.5	57.9	32.9	2.2	0.1	0.9	0.39
Test Method	AS 2350.2	AS 2350.2	AS 2350.2	AS 2350.2	AS 2350.2	AS 2350.2	AS 2350.2

Test	K₂O by XRF	SrO by XRF	TiO2 by XRF	P ₂ O ₅ by XRF	Mn₂O₃ by XRF	Total Alkali (NaEQ)
	%	%	%	%	%	%
Result	0.65	<0.1	1.7	<0.1	< 0.1	0.81
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		
	Х			



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.

WORLD RECOGNISED ACCREDITATION

Laboratory accreditation number: 187

Notes: