

Ground Granulated Blast Furnace Slag Test Certificate

AS/NZS 3582.2 - 2016

Date	Shipment	Depot	MnO %	LOI %	S %	Insoluble Residue %	MgO %	Al ₂ O ₃ %	FeO %	NaEq %	SO ₃ %	Cl %	45µm %	Relative Density	Relative Water %	Strength Index*
31/10/2025	7	Clifton	0.6	-0.30	0.5		3.4	15.0	0.6	0.62		0.055	97	2.86	92	
31/10/2025	6	McAlpine	0.4	0.50	0.5	0.3	6.9	12.8	0.8	0.78	0.2	0.028	93	2.86	99	93
30/09/2025	7	Clifton	0.6	0.10	0.5	0.3	3.9	15.6	0.6	0.44	1.5	0.040	98	2.86	98	107
30/09/2025	6	McAlpine	0.4	0.80	0.5	0.7	6.9	13.8	0.7	0.62	0.5	0.008	95	2.84	100	92
29/08/2025	7	Clifton	0.5	-0.50	0.5	0.3	4.6	14.5	0.7	0.51	0.6	0.032	95	2.87	98	101
29/08/2025	5	McAlpine	0.6	1.30	0.5	0.6	7.1	14.4	0.6	0.49	0.3	0.003	94	2.81	98	90
30/07/2025	5	McAlpine	0.6	1.00	0.5	0.4	7.1	13.4	0.6	0.72	0.3	0.016	95	2.84	98	91
30/06/2025	5	McAlpine	0.7	1.00	0.4	0.5	7.0	14.1	0.6	0.63	0.1	0.019	95	2.87	98	93
03/06/2025	4	McAlpine	0.7	0.40	0.4	0.6	7.4	12.9	0.7	0.83	0.1	0.025	98	2.84	98	96
02/05/2025	4	McAlpine	0.6	0.40	0.3	0.7	7.2	13.1	0.7	0.80	0.3	0.028	98	2.99	98	93
03/04/2025	6	McAlpine	0.4	0.80	0.6	0.5	7.0	13.9	0.6	0.55	<0.5	0.011	94	2.85	104	109
11/03/2025	4	McAlpine	0.7	0.15	0.6	0.6	6.5	13.8	0.7	0.66	<0.5	0.014	98	2.82	101	103
14/02/2025	4	McAlpine	0.6	0.14	0.6	1.0	6.5	13.9	0.7	0.68	<0.5	0.012	98	2.85	103	105
21/01/2025	5	McAlpine	0.6	0.98	0.6	0.4	6.9	14.0	0.5	0.59	<0.5	0.006	95	2.89	103	103
01/12/2024	4	McAlpine	0.6	0.20	0.6	0.3	6.7	13.9	0.5	0.63	<0.5	0.024	99	2.83	101	97
01/11/2024	4	McAlpine	0.6	0.43	0.7	0.8	6.7	13.9	0.6	0.65	<0.5	0.021	99	2.89	101	105
Mean			0.6	0.5	0.5	0.5	6.4	13.9	0.6	0.6	5.2	0.021	96.3	2.9	99.4	98.5
Std Dev			0.1	0.5	0.1	0.2	1.2	0.7	0.1	0.1	1.2	0.014	2.0	0.0	2.9	6.5
AS/NZS3582.2:2016 Specifications					maximum		maximum	maximum				maximum				
Specifications					1.5		15	18				0.1				
Samples taken in accordance with AS2350.1 and are tested in accordance with AS/NZS3582.2:2016.																
All testing performed by an IANZ / NATA approved Laboratory.																
* Samples tested for 28D relative strength from 2/5/2025 onwards. Samples prior to 2/5/25 tested for 7D accelerated strength																
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