



National Association of Testing Authorities, Australia SCOPE OF ACCREDITATION

ACIRL Quality Testing Services Pty Ltd trading as ACTest

ACIRL EMERALD COAL AND ENVIRONMENTAL TESTING LABORATORY

| Accreditation Number: 15784 | Site Number: 20053 |

Address Details:

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AUSTRALIA

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Availability: Services available to external clients

Note: Not all of the columns of the scope of accreditation displayed include data.

The only data displayed is that deemed relevant and necessary for the clear description of the activities and services covered by the scope of accreditation.

Grey text appearing in a SoA is additional freetext providing further refinement or information on the data in the preceding line entry.

ISO/IEC 17025 (2005) Environment

SERVICE	PRODUCT	DETERMINANT	TECHNIQUE	PROCEDURE	LIMITATION/RANGE
Analysis of mine roadway dusts	Underground roadway dust	Combustibles		In-house CBM-N006	

ISO/IEC 17025 (2005) Materials

SERVICE	PRODUCT	DETERMINANT	TECHNIQUE	PROCEDURE	LIMITATION/RANGE
Analysis of coals, coke, charcoal and related products	Coal	Total magnetic content	Gravimetric	In-house CBM-N001b	
		Size analysis	Sieve analysis	AS 3881 (2002) ISO 1953	
		Plasticity	Gieseler plastometer	AS 1038.12.4.1 (1996)	

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				ISO 10329	
		Crucible swelling number	Classical	AS 1038 12.1 (2002) ISO 501	
		Moisture - Total	Gravimetric	AS 1038.1 (2001) ISO 589	
	Coal; Coke;	Relative density (specific gravity)	Gravimetric	AS 1038.21.1.1	
		Moisture	Gravimetric	AS 1038.3 (2000) ISO 11722	
		Ash fusibility	Gravimetric	AS 1038.15 (1995) ISO 540	
		Volatile matter	Gravimetric	AS 1038.3 (2000) ISO 562	
		Ash	Gravimetric	AS 1038.3 (2000) ISO 1171	
		Gross calorific value	Bomb calorimeter	AS 1038.5 (1998) ISO 1928	
		Sulfur - Total	Infrared (IR)	AS 1038.6.3.3 ISO 19579	
		Fixed carbon	Classical	AS 1038.3 (2000) ISO 17246	
Sample collection	Coals, coke, charcoal and related products	Precision of sampling, sample preparation and testing	Mechanical sampling	AS 4264.1 (2009) ISO 13909.1 ISO 13909.2 ISO 13909.3 ISO 13909.4	

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