

NO: SAMM 646

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LABORATORY LOCATION/ CENTRAL OFFICE:	Alex Stewart Laboratory (M) Sdn Bhd 17-G-12, 17-1-12, 17-2-12, Bayan Point Medan Kampung Relau 11900 Bayan Lepas, Pulau Pinang , 11900, PULAU PINANG MALAYSIA
	
ACCREDITED SINCE :	06 APRIL 2025
FIELD(S) OF TESTING:	CHEMICAL

This laboratory has demonstrated its technical competence to operate in accordance with MS ISO/IEC 17025:2017 (ISO/IEC 17025:2017).

This laboratory's fulfillment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results and calibrations. The management system requirements in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001 (see Joint ISO-ILAC-IAF Communiqué dated April 2017).

CENTRAL LOCATION:	Alex Stewart Laboratory (M) Sdn Bhd 17-G-12, 17-1-12, 17-2-12, Bayan Point Medan Kampung Relau 11900 Bayan Lepas, Pulau Pinang , 11900, Pulau Pinang
FIELD(S) OF TESTING :	CHEMICAL,

SCOPE OF TESTING : CHEMICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Coal And Coke	Preparation of Coal and Coke Samples for Analysis	ASTM D 2013/ D 2013 M-12 section 9.2.3 Procedure A
	Total Moisture	ASTM D 3302/ D 3302 M-12
	Ash	ASTM D 3174-12
	Inherent Moisture	ASTM D 3173-11
	Volatile Matter	ASTM D 3175-11
	Fixed Carbon	ASTM D 3172-13
	Sulfur	ASTM D 4239-13 Method B
	Gross Calorific Value	ASTM D 5865-13
	Net Calorific Value	ASTM D 5865-13
	Carbon, Hydrogen and Nitrogen	ASTM D 5373-13 Method A
	Hardgrove Grindability Index	ASTM D 409/ D 409M-12

Schedule

Issue date: 06 April 2025
Valid Until: -



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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Calculating Coal and Coke Analysis from as Determined to Different Bases	ASTM D 3180-12

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