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LABORATORY LOCATION/ CENTRAL OFFICE:	Kualiti Alam Sdn Bhd Waste Management Centre Ladang Tanah Merah, A3 Division, Bukit Pelanduk 71960 Port Dickson, Negeri Sembilan , 71960, NEGERI SEMBILAN MALAYSIA
	
ACCREDITED SINCE :	28 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:	Kualiti Alam Sdn Bhd Waste Management Centre Ladang Tanah Merah, A3 Division, Bukit Pelanduk 71960 Port Dickson, Negeri Sembilan , 71960, Negeri Sembilan
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
Water And Wastewater	Free Chlorine	APHA 4500 Cl- G
	Sulphate	APHA 4500 SO4 2- D
	BOD	APHA 5210 B
	COD	APHA 5220 C
	Total Suspended Solids	APHA 2540 D

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Metal Determination by Inductively Coupled Plasma – Optical Emission Spectrometry (ICP-OES)	APHA 3120 B
	Arsenic Barium Cadmium Cobalt Chromium Copper Iron Manganese Nickel Lead Zinc Silver Aluminium Selenium	
	Phenol	APHA 5530 B&D (Direct Photometric Method)
	Sulphide	
	Boron Tin	
	Ammonia	In-House Test Method LMS Method 045 Based on APHA 5530 D (Direct Photometric Method using CFA) APHA 4500 S2- F
		In-House Test Method LMS Method 047 Based on APHA 4500 S2- E
		In-House Test Method, LMS Method 009, based on APHA 3120 B APHA 4500 NH3 B&C
		APHA 4500 NH3 F Phenate Method
		In-House Test Method LMS Method 044 Based on APHA 4500- NH3 G

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Fluoride Color, ADMI Formaldehyde	APHA 4500 F B&D SPADNS/UV Spectrophotometer In-House Test Method LMS Method 046 Based on APHA 4500 F- E APHA 2120 F, ADMI Weighted Ordinate Method In-House Test Method LMS Method 010, based on HACH MBTH Method 8110
Solid And Sludge Waste	Total Solids Content at 105°C Total Organic Carbon (TOC) Oil and Grease Calorific Value Sulphur Total Chlorine, Water Soluble Chloride and Water Insoluble Chlorine Fixed and Volatile Solids TCLP Extraction Digestion - on TCLP Extract - on Total Metals	APHA 2540 G In-House Test Method LMS Method 001 (Adapted from APHA 5310 B) In-House Test Method LMS Method 002 (Adapted from APHA 5520 E) ASTM D 5468 ASTM D 1552 A In-house Test Method LMS Method 004 (Adapted from ASTM E 776) APHA 2540 G In-House Test Method LMS Method 003 (Adapted from USEPA 1311) APHA 3030 E USEPA SW 846 3050 B

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Solid, Sludge And Liquid Waste	Metal Determination by Inductively Coupled Plasma – Optical Emission Spectrometry (ICP-OES)	USEPA SW 846 6010 B APHA 3112 B
	Arsenic Boron Barium Calcium Cadmium Cobalt Copper Chromium Iron Magnesium Manganese Nickel Lead Selenium Silver Zinc Metals Determination by Cold Vapour - Mercury	
Liquid Waste, Water And Wastewater	pH	APHA 4500-H+
	Hexavalent Chromium	APHA 3500-Cr B
	Digestion - on Metals	APHA 3030 E
	Metals Determination by Cold Vapour - Mercury	APHA 3030 F APHA 3112 B
	Cyanide	APHA 4500 CN- C & D APHA 4500 CN- C & E
Liquid Waste	Calorific Value	ASTM D 5468
	Sulphur	ASTM D 1552 A
	Total Chlorine, Water Soluble Chloride and Water Insoluble Chlorine	In-House Test Method LMS Method 004 (Adapted from ASTM E 776)
	Viscosity, Brookfield	ASTM D 2196 Method A
	Flash Point	USEPA SW 846 1010 A
Concrete And Related products	Soil Analysis	BS 1377, 1990-Part 3 Section 5
	- Sulphate	BS 1377, 1990-Part 3 Section 9
	- pH Value	