

NO: SAMM 744

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LABORATORY LOCATION/ CENTRAL OFFICE:	Engineering Technology Laboratories, MICET, UniKL Bandar Vendor, Taboh Naning, 78000 Alor Gajah, Melaka , 78000, MELAKA 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:	Engineering Technology Laboratories, MICET, UniKL Bandar Vendor, Taboh Naning, 78000 Alor Gajah, Melaka , 78000, Melaka
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
E.g Carbon	None	None
Environment Monitoring	None	None
	None	None
	None	In-house method, WI-TEC-M033,
	None	None
	None	None
	None	None
	None	None
Graphene	None	None
Industrial Effluent	Conductivity	APHA 2510 (APHA Method Ed. 2005)
	None	None
	Heavy Metal (Cu, Cd, Fe, Pb)	APHA 3111 B
	None	(based on MN Method 985026,

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	(COD)	None
	Lead (Pb)	None
	None	None
	Metals by ICP	APHA 3120 B
	None	None
	None	2540D&E
	Aluminium, Al Chromium, Cr	None
	Fluoride	APHA 4500-F- D
	Fecal Coliform Rapid Detection	APHA 9211 B
Kaolin	None	None
Particles In Two Phase	Particle Size	In-house method, LSM 003 Rev B,
Soil (sediment)	None	None
Surface Water	pH Value	APHA 4500-H* (APHA Method 21*
	None	None
	None	None
	None	None
	None	None
	None	None
	None	None
	e Arsenic	None
	None	None
	None	Technique
	None	None
	None	Method Edition (2005)
	Alkalinity	APHA 2320 B Titration Method 21s
	None	Method by Discrete Analyzer
	Caustic Alkalinity as CaCO3	APHA - 2320B
	Barium as Ba	None
	None	(MPN Technique)
	Conductivity	APHA 2510 B, 2017
	Chlorate	Metrohm IC Application, Note No.
	None	Metrohm Technical Note
	Hydrocarbon	APHA 5520 F 2017
	Vanadium (V)	APHA 3120 B, 2017
	Free Carbon Dioxide (by calculation)	APHA 4500 COz D, 2017
	None	None
	None	APHA 2550 B, 2017
	Chromium, Cr	None
	VOCs	EPA Method 5030B: 1996; EPA
	None	None
	None	None
	None	(Membrane Filter Technique)
	None	None
Systems:	Distribution	based on ISO 13320-2009

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