Schedule

Issue date: 14 March 2025
Valid until: 22 March 2028

NO: SAMM 506
(Issue 4, 14 March 2025 replacement
of SAMM 506 dated 23 January 2025)

LABORATORY LOCATION:
(PERMANENT LABORATORY)

CENTRAL LABORATORY
UNIVERSITI MALAYSIA PAHANG
AL-SULTAN ABDULLAH
LEBUHRAYA PERSIARAN TUN KHALIL YAAKOB
26300 KUANTAN, PAHANG
MALAYSIA

FIELD 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).

SCOPE OF TESTING: CHEMICAL

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Water Surface Water Ground Water	Determination of pH	APHA 4500H^{+}B, 21st edition 2005
	Determination of Total Suspended Solids	APHA 2540D, 21st edition 2005
	Determination of Biological Oxygen Demand	In house method CENLAB/WI/CHEM-TM/005 based on APHA 5210B, 21st edition 2005
	Determination of Chemical Oxygen Demand	In house method CENLAB/WI/CHEM-TM/006 based on Merck Method 14541
	Determination of Oil & Grease	APHA 5520B, 21st edition 2005

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SCOPE OF TESTING: CHEMICAL

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Environmental Monitoring Industrial Effluent Sewage	Determination of pH	APHA 4500H^{+}B, 21st edition 2005
	Determination of Total Suspended Solids	APHA 2540D, 21st edition 2005
	Determination of Biological Oxygen Demand	In house method CENLAB/WI/CHEM-TM/005 based on APHA 5210B, 21st edition 2005
	Determination of Chemical Oxygen Demand	In house method CENLAB/WI/CHEM-TM/006 based on Merck Method 14541
	Determination of Oil & Grease	APHA 5520B, 21st edition 2005

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