

Schedule


Issue date: 28 July 2025
Valid Until: -



NO: SAMM 802

(Issue 2, 28 July 2025 replacement
of SAMM 802 dated 28 July 2025)

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LABORATORY LOCATION/ CENTRAL OFFICE:	SIGMA Laboratory, Sigma Water Engineering (M) Sdn. Bhd. No 2 & 2A Jln 3, Jalan Hi-Tech 5 Kawasan Perindustrian Hi-Tech , 43500, SELANGOR MALAYSIA
	
ACCREDITED SINCE :	28 JULY 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:	SIGMA Laboratory, Sigma Water Engineering (M) Sdn. Bhd. No 2 & 2A Jln 3, Jalan Hi-Tech 5 Kawasan Perindustrian Hi-Tech , 43500, Selangor
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
Environmental Monitoring	Temperature	APHA 2550B
Industrial Effluent		
Wastewater	pH	APHA 4500-H+B
	Chemical Oxygen Demand	APHA 5220C
	Biochemical Oxygen Demand 20°C for 5 days	APHA 5210B & 4500-O G
	Total Suspended Solids	APHA 2540D
	Formaldehyde	HACH 8110
	Total Dissolved Solids	APHA 2540C
	Conductivity	APHA 2510B
	Iron	HACH 8008
	Chloride	HACH 8113

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Anions by IC Fluoride Chloride Nitrate Phosphate Sulphate	APHA 4110B
Water Ground Water Potable, Drinking And Domestic Water Processed Water Recycled Water Reverse Osmosis Water Surface Wate	Temperature	APHA 2550B
	pH	APHA 4500-H+B
	Chemical Oxygen Demand	APHA 5220C
	Biochemical Oxygen Demand 20°C for 5 days	APHA 5210B & 4500-O G
	Total Suspended Solids	APHA 2540D
	Formaldehyde	HACH 8110
Mixed Liquor (wastewater)	Fixed & Volatile Solids Ignited at 550°C (MLVSS, MLSS)	APHA 2540E

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