

Schedule

Issue date: 26 March 2025
Valid Until: -



NO: SAMM 401

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LABORATORY LOCATION/ CENTRAL OFFICE:	Malayan Testing Laboratory Sdn Bhd (Penang) No. 62, Jalan Seang Tek 10400 Pulau Pinang , 10400, PULAU PINANG MALAYSIA
	
ACCREDITED SINCE :	26 MARCH 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:	Malayan Testing Laboratory Sdn Bhd (Penang) No. 62, Jalan Seang Tek 10400 Pulau Pinang , 10400, 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
Environmental Monitoring	None	None
	None	None
	COD	APHA 5220 D
	Heavy Metals	None
	Moisture	EPA Method 9000 (Karl Fischer Titration)
	None	EPA Method 1010 A
	None	Information Circular 8333,
	Total Bacteria Count	Compendium of Methods for the
	Aerobic Plate Count	In-house swab contact method
	None	None
	None	None
	None	None
	None	None

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	None	None
	None	None
	None	None
	None	None
	None	None
	None	None
	None	None
	None	None
Environmental Monitoring Industrial Effluents	pH value	APHA 4500 H+
	Colour as PtCo	HACH Spectrophotometer Method 8025
	Nitrite	HACH Spectrophotometer Method 8153
	pH Value	APHA 4500-H* B
	Total Suspended Solids	APHA 2540 D
	Total Solids	APHA 2540 B
	Total Dissolved Solids	APHA 2540 C
	Oil & Grease	APHA 5520 B
	Oil and Grease (Hydrocarbon)	APHA'5520 B & F
	Mercury	APHA 3112 B
	Arsenic	APHA 3114 B
	Cadmium	APHA 3111 B
	Total Chromium	APHA 3111 B
	Lead	APHA 3111 B
	Copper	APHA 3111 B
	Manganese	APHA 3111 B
	Nickel	APHA 3111 B
	Zinc	APHA 3111 B
	Iron	APHA 3111 B
	Tin	In house method LWI-TEC-W025 based on APHA 3111 D
	Phosphorus	APHA 4500-P C
	Total Hardness as CaCO3	APHA 2340 B APHA 2340 C
	Turbidity	APHA! 2130 B
	Antimony, Calcium, Sodium, Strontium, Beryllium, Magnesium	APHA' 3120 B
	Chloride	APHA' 4500
	Sulphate	APHA E
	Colour (ADMI)	APHA 2120 F
	Fluoride	HACH Spectrophotometer
Rubber Effluent	PH value	APHA 4500 H*B
	Biochemical Oxygen Demand (BOD-3 Days)	DOE Standard Method (1985), ed. (Reference Method)
	Chemical Oxygen Demand (COD)	DOE Standard Method (1985), 3" ed. (Reference Method)
	Total Suspended Solid (TSS)	DOE Standard Method (1985), 3" ed. (Reference Method)
	Total Solid (TS)	APHA 2540 B

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Ammonical Nitrogen (AN)	DOE Standard Method (1985), ed. (Reference Method)
	Total Nitrogen (TN)	DOE Standard Method (1985), 3" ed. (Alternative Method)
Sewage Water	Biochemical Oxygen Demand (BOD-5 Days)	APHA 5210 B
	Chemical Oxygen Demand (COD)	APHA 5220 B
	Total Suspended Solid (TSS)	APHA 2540 D
	Total Solid (TS)	APHA 2540 B
	Ammonical Nitrogen (AN)	APHA 4500-NH3C
	Barium, Selenium, Aluminium, Silver	APHA' 3120 B
	Dissolved Oxygen	4500-0 G
	Anionic Surfactants as	5540 C
	Spore of sulfite-reducing	BS EN 26461-2: 1993

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