

Schedule

Issue date: 16 October 2025
Valid Until: -



NO: SAMM 606

(Issue 2, 16 October 2025 replacement of SAMM 606 dated 06 April 2025)

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LABORATORY LOCATION/ CENTRAL OFFICE:	PAC Testing & Consulting Sdn Bhd 15 & 15-01, Jalan Setia Tropika ?, Taman Setia Tropika, 81200 Johor Bahru, Johor , 81200, JOHOR MALAYSIA
	
ACCREDITED SINCE :	16 OCTOBER 2025
FIELD(S) OF TESTING:	CHEMICAL MECHANICAL

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:	PAC Testing & Consulting Sdn Bhd 15 & 15-01, Jalan Setia Tropika ?, Taman Setia Tropika, 81200 Johor Bahru, Johor , 81200, Johor
FIELD(S) OF TESTING :	CHEMICAL, MECHANICAL

SCOPE OF TESTING : CHEMICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Ambient Air E	the Atmosphere	None
	Determination of Sulfur Dioxide	ASTM: D2914-15
	Total Suspended Particulates	AS/NZS 3580 9.3: 2015
	PM10	AS/NZS 3580.9.6 2015
	PM2.5	AS/NZS 3580.9.14 2013
	Nitric Acid (HNO ₃)	None
	Antimony (Sb)	OSHA Method ID-125G
	Total Suspended Particulate	AS/NZS 3580.9.3 (2015)
	PM10	AS/NZS 3580.9.6 2015
Drinking Water E	None	None
	None	APHA 4500-Cl.G
	None	APHA 4500-Cl.G

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Environmental Monitoring Effluents E Sewage Water E	pH Value	APHA 4500-H* B
	Biochemical Oxygen Demand (BOD)	APHA 5210 B
	Chemical Oxygen Demand (COD)	APHA 5220 C
	Suspended Solids	APHA 2540 D
	Ammonia Nitrogen	APHA 4500-NHs B, C
	Free Chlorine	APHA 4500 Cl B
	Phenol	APHA 5530 B, D
	Sulphide as S?	APHA 4500 S* F
	Total Cyanide	APHA C, D
Flue Gas E	Matter in Flue Gas for Stationery	None
Potable Water E Boiler Water E	Phenol	APHA 5530 B, D
Water Ground Water E	pH Value	APHA 4500-H* B
	Free Chlorine	APHA 4500 Cl B

SCOPE OF TESTING : MECHANICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Environmental Monitoring	Determination of Concentration and Mass Flow of Particulate	MS 1596: 2003
	Determination of Total Suspended Particulate Matter in	ASTM: D4096-91 (2003)
	Sound pressure level	Guidelines for Environmental Noise Limits and Control, Third Edition
	None	None
	None	None
	None	None
	Boron	APHA 4500-B C, 2005 APHA 4500-B C, 2017
	Sulphide	APHA 4500- D, 2005 APHA 4500-D, 2017
	Metal Analysis by ICP-OES	None
	Hydrocarbon	APHA 5520 F 2005
	None	None
	Hydrogen Bromide (HBr)	OSHA Method ID-165SG
	Temperature	APHA 2550 B, 2005
	None	None
	None	None
	Formaldehyde	In-house Method C/WTR/012
	None	None
	Aluminium	None
	Aluminium	None

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Nickel	APHA 3120 B, 24" Edition
	pH	APHA 4500 H*B
	pH	APHA 4500 H*B
	None	None
	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
	None	None
	None	None
	None	None
	None	None
	None	None
	None	None
Noise E	None	2019 (Annex B), Department of
	Noise Monitoring	ISO 1996-1: 2016

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