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LABORATORY LOCATION/ CENTRAL OFFICE:	Procoma Laboratories (M) Sdn Bhd No. 8A & 8B, Jalan Sri Sarawak 20B Taman Sri Andalas 41200 Klang, Selangor , 41200, SELANGOR MALAYSIA
	
ACCREDITED SINCE :	06 APRIL 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:	Procoma Laboratories (M) Sdn Bhd No. 8A & 8B, Jalan Sri Sarawak 20B Taman Sri Andalas 41200 Klang, Selangor , 41200, Selangor
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
Air Emission / Isokinetic	Determination of concentration and	MS 1596:2003
Ambient Air	Determination of suspended particulate	USEPA 40 Part 50, Appendix B
	Dust Particulate	In-house Method E/ENV/005 based on MiniVol TAS
	Total Suspended Particulate Matter (TSP) PM10	EPA Compendium Method (HVS): 1999
	None	In-house method SGS-SOP-IND-006
	Total Suspended Particulate Particulate Matter	AS 2724.3 None

Schedule

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	*Cadmium	NIOSH 7303
	Total suspended particulate in ambient air	ISC Method 501
	Nitrogen dioxide in ambient air	ISC Method 406
	Sulfur dioxide in ambient air	ISC Method 704C & APHA
	Sulfur dioxide in ambient air	4500-SO4 E
	Total Suspend Particulates	AS/NZS 3580 9.3: 2015
	PM10	AS/NZS 3580 9.6: 2015
	PM2.5	AS/NZS 3580 9.14: 2013
	Total Suspend Particulates	AS/NZS 3580.9.3:2015
	PM10	AS/NZS 3580 9.6:2015
	PM2.5	AS/NZS 3580.9.14:2013
	Sulfur Dioxide, SO ₂	Method 704A of Air Sampling and Analysis, 3rd Edition
	Nitrogen Dioxide,	Method 406 of Air Sampling and Analysis, 3rd Edition (Bubbler Method)
	CO	In House Method 6019 based on Passive Dosi-Tube
	Oxidizing Substances In the Atmosphere (as Ozone, O ₃)	Method 411 of Air Sampling and Analysis, 3rd Edition
	CO, H ₂ S	In House Method 6020 based on Instrumentation- Direct Reading Aeroqual 500
Chemical Exposure	Dust particulate / total dust /	n-house method WI-CHM-001
Effluent / Wastewater	None	based on Instruction Manual HI
	Phenol	In-house method, WI-WEM-015, based
Emission Sample	copper, lead, mercury, zinc)	n-house method WI-ISS-006
Emission Sampling	nitrogen monoxide, sulphur dioxide gases	technovation fuel efficiency
Genset Emission Sampling	Dust particulate / total dust	n-house method WI-GEN-001
Mineral Dust Exposure	Nuisance particulates / inhalable	n-house method WI-MDE-001
Non-isokinetic Stack	Oxygen, carbon monoxide, nitrogen dioxide,	In-house method WI-ISS-003 by
	Determination of metals (cadmium,	None
Sampling	dust / total dust	(based on NIOSH method 0500 -
	inhalable dust	(based on NIOSH method 0500 -
	Particulate Emission	Stack Monitoring
Stack Sampling	mass flow of particulate matter in	None
Water And Industrial	Temperature & pH	In-house method, WI-WEM-012
	Barium	APHA method 3111 D
Water And Wastewater	Cadmium	None
	Formaldehyde	APHA 6252 B, 24" Edition
	Formaldehyde	In-house method SGS-TM-ENVI-W- 128 with reference to ISO 12460-5

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Boron	APHA 3120 B, Edition
	Total Coliform and Escherichia	APHA 9222J:23'4 Ed., Simultaneous
	Free Chlorine	APHA 4500 Cl- G
	Sulphate	APHA 4500 SO4? D
	BOD	APHA 5210 B
	COD	APHA 5220 C
	Total Suspended Solids	APHA 2540 D
	Metal Determination by Inductively Coupled Plasma -"	APHA 3120 B
	Optical Emission Spectrometry (ICP-OES)	None
	Arsenic	None
	Barium	None
	Cadmium	None
	Cobalt	None
	Chromium	None
	Copper	None
	Iron	None
	Manganese	None
	Nickel	None
	Lead	None
	Zinc	None
	Silver	None
	Aluminium	None
	Selenium	None
	Chromium Trivalent	In-House Test Method LMS Method
	Boron	In-House Test Method, LMS Method
	Turbidity	APHA 2130 B, 2005
	Turbidity	APHA 2130 B, 2017
	Conductivity	APHA 2510 B, 2005
	Conductivity	APHA 2510 B, 2017
	Salinity	APHA 2520 B, 2005
	Salinity	APHA 2520 B, 2017
	Total Solids	APHA 2540 B, 2005
	Total Solids	APHA 2540 B, 2017
	Total Dissolved Solids	APHA 2540 C, 2005
	Total Dissolved Solids	APHA 2540 C, 2017
	Total Suspended Solids	APHA 2540 D, 2005
	Total Suspended Solids	APHA 2540 D, 2017
	Temperature	APHA 2550 B, 2005
	Temperature	APHA 2550 B, 2017
	Chloride	APHA 4500-Cl B, 2005
	Chloride	APHA 4500-Cl B, 2017
	pH	APHA 2005
	pH	APHA 2017

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Ammoniacal Nitrogen	APHA 4500-NH3 B & C, 2005
	Temperature	APHA 2550 B, 2005
	Temperature	APHA 2550 B, 2017
	Colour (Hazen/PtCo/CU Units)	APHA 2120 C 2005 APHA 2120 C 2017
	Colour, ADML	APHA 2120 F, 2005 APHA 2120 F, 2017
	Turbidity	APHA 2130 B, 2005 APHA 2130 B, 2017
	Acidity	APHA 2310 B, 2005 APHA 2310 B, 2017
	Alkalinity	APHA 2320 B, 2005 APHA 2320 B, 2017
	Hardness by calculation	APHA 2340 B, 2005 APHA 2340 B, 2017
	Hardness, EDTA Titrimetric	APHA 2340 C, 2005 APHA 2340 C, 2017
	Conductivity	APHA 2510 B, 2005 APHA 2510 B, 2017
	Salinity	APHA 2520 B, 2005 APHA 2520 B, 2017
	Total solids	APHA 2540 B, 2005 APHA 2540 B, 2017
	Temperature	APHA 2550 B, 2017

SCOPE OF TESTING : MECHANICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Noise	Measurement of environmental Sound Pressure Level	In-house method WI-NOI-001 by DOE Guidelines for
	Measurement of Environmental Noise Levels	ISO 1996-1:2016 & ISO 1996-2:2017
	Measurement of Environmental Noise Levels	ISO 1996-1:2016 & ISO 1996-2:2017
	Measurement of Environmental Noise Levels	ISO 1996-1:2016 & ISO 1996-2:2017