Schedule

Issue date: 06 April 2025
Valid Until: -

NO: SAMM 567

LABORATORY LOCATION/ CENTRAL OFFICE:	KenEp Laboratories (M) Sdn. Bhd. No 5 & 5A, Jalan Jelapang Bayu 1, Puncak Jelapang Bayu, 30020 Ipoh, Perak , 30020, PERAK MALAYSIA
ACCREDITED SINCE :	06 APRIL 2025
FIELD(S) OF TESTING:	CHEMICAL
SITE:	
1 . SITE LABORATORY(HQ) :	CATEGORY I
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:	KenEp Laboratories (M) Sdn. Bhd. No 5 & 5A, Jalan Jelapang Bayu 1, Puncak Jelapang Bayu, 30020 Ipoh, Perak , 30020, Perak
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**
Water - Water And Wastewater	Temperature pH Value	APHA 2550 B * APHA 4500-H+ B
	Biochemical Oxygen Demand (5 Days at 20°C)	In-house Method, KR-LAB-TM01 (based on MN Method 985822, NANOCOLOR UV/VIS Spectrophotometer and APHA 5210 B)

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Chemical Oxygen Demand	In-house Method, KR-LAB-TM02 (based on MN Method 985026; 985029; 985028, NANOCOLOR UV/VIS Spectrophotometer and APHA 5220 D)
	Total Suspended Solids Oil and Grease	APHA 2540 D * APHA 5520 B
	Copper, Cu Zinc, Zn Sulphide, S^{2-} Ammoniacal Nitrogen, NH_4-N ADMI Color	In-house Method, KR-LAB-TM03 (based on MN Method 91853, NANOCOLOR UV/VIS Spectrophotometer) In-house Method, KR-LAB-TM04 (based on MN Method 91895, NANOCOLOR UV/VIS Spectrophotometer) In-house Method, KR-LAB-TM05 (based on MN Method 91888, NANOCOLOR UV/VIS Spectrophotometer) In-house Method, KR-LAB-TM06 (based on MN Method 91805, NANOCOLOR UV/VIS Spectrophotometer) APHA 2120 F (NANOCOLOR UV/VIS Spectrophotometer)
	Tin, Sn Mercury as Hg	USEPA Method 200.7

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Cadmium as Cd Arsenic as As Lead as Pb Manganese as Mn Nickel as Ni Iron as Fe Silver as Ag Aluminium as Al Selenium as Se Barium as Ba Copper as Cu Zinc as Zn Total Chromium as Cr Boron as B Silica as Si Calcium as Ca Magnesium as Mg Sodium as Na Antimony as Sb	APHA 3120 B
	Total Hardness as $CaCO_3$ Fluoride as FË‰ Chromium Hexavalent as Cr^{6+} Phenol Turbidity Conductivity Silica SiO2 Chromium Trivalent as Cr^{3+} Formaldehyde Total Dissolved Solids	APHA 2340 B APHA 4500-FË‰ B & D APHA 3500-Cr B * APHA 5530 B & D * APHA 2130 B APHA 2510 B APHA 3120 B In-house method, KR-LAB-TM07 (by calculation based on APHA 3120 B and APHA 3500-Cr B) In-house method, KR-LAB-TM08 (based on MN Method 985046, NANOCOLOR UV/VIS Spectrophotometer) In-house method, KR-LAB-TM09 (TDS Meter)

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SITE LOCATION (HQ)	1. CATEGORY I
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 - Chimney Emissions - Stack Emissions - Ducting Emissions	Determination of Particulate Matter Emission from Stationary Sources Determination of Nitrogen Oxide Emission from Stationary Sources Determination of Sulfuric Acid and Sulfur Dioxide Emission from Stationary Sources	USEPA Method 5 USEPA Method 7 USEPA Method 8