


# Schedule

Issue date: 16 January 2024  
Valid Until: 03 April 2029



NO: SAMM 323

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<b>LABORATORY LOCATION/ CENTRAL OFFICE:</b>	NORTHERN REGIONAL LABORATORY SUNGAI SELANGOR PHASE 2 WTP PENGURUSAN AIR SELANGOR SDN. BHD. LOT 657, KM 3.5 OFF JALAN IJOK , 45600, SELANGOR MALAYSIA
	
<b>ACCREDITED SINCE :</b>	24 DECEMBER 2024
<b>FIELD(S) OF TESTING:</b>	CHEMICAL MICROBIOLOGICAL
<b>SITE:</b>	
<b>1 . SITE LABORATORY(HQ) :</b>	CATEGORY I
<b>FIELD(S) OF TESTING :</b>	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).

<b>CENTRAL LOCATION:</b>	NORTHERN REGIONAL LABORATORY SUNGAI SELANGOR PHASE 2 WTP PENGURUSAN AIR SELANGOR SDN. BHD. LOT 657, KM 3.5 OFF JALAN IJOK , 45600, Selangor
<b>FIELD(S) OF TESTING :</b>	CHEMICAL, MICROBIOLOGICAL

## SCOPE OF TESTING : CHEMICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Water Raw Water Semi-treated Water Treated/ Drinking Water	pH	APHA 4500-H+ B
	Color	HACH Method 8025
	Turbidity	APHA-2130 B
	Alkalinity	APHA-2320 B
	Total Suspended Solids	APHA-2540 D
	Iron	HACH Ferrover Method 8008
	Aluminium	HACH ECR Method 8326

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Manganese	HACH PAN Method 8149
	Ammonia	HACH Nessler Method 8038
	Fluoride	HACH SPADNS Method 8029
	Free chlorine, low range	HACH DPD Method 8021
	Free chlorine, high range	HACH DPD Method 10069
	Total chlorine, low range	HACH DPD Method 8167
	Total chlorine, high range	HACH DPD Method 10070
	Fluoride	APHA-4110 B
	Chloride	
	Bromide	
	Sulphate	
	Phosphate	
	Nitrate	APHA 3125-B
	Nitrite	
	Aluminium	
	Manganese	
	Cadmium	
	Arsenic	
	Silver	
	Zinc	
	Copper	
	Chromium	
	Lead	
	Boron	
	Tin	
	Nickel	
	Iron	
	Selenium	
	Trihalomethanes: (i) Chloroform (ii) Bromoform (iii) Dibromochloromethane (iv) Bromodichloromethane	APHA 6200-B
Water Raw Water	Biochemical Oxygen Demand, 5 Days	HACH Method 8043
	Chemical Oxygen Demand	HACH Method 8000
	Anionic Surfactants as MBAS	APHA 5540 C
	Hardness	HACH Method 8226
	Total Dissolved Solids	APHA 2540C
Treated Water	Hardness	HACH Method 8226
	Total Dissolved Solids	APHA 2540C
Effluent	pH	APHA 4500-H+ B
	Suspended Solid	APHA 2540 D
	Iron	HACH Ferrover Method 8008
	Aluminium	HACH ECR Method 8326
	Manganese	HACH PAN Method 8149
	Ammonia	HACH Nessler Method 8038
	Fluoride	HACH SPADNS Method 8029

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Biochemical Oxygen Demand, 5 Days	HACH Method 8043
	Chemical Oxygen Demand	HACH Method 8000
	Color ADMI	HACH Method 10048

### SCOPE OF TESTING : MICROBIOLOGICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
<b>Water</b> Drinking Water And Treated water	Simultaneous total coliform and E. coli screening	HACH Method 10029
Raw Water And Semi-treated water	Total coliform (m.Endo)	HACH Method 8074

Scan this QR Code or visit <https://accreditation.ism.gov.my/public/listing/cab/samm-ct/3002526> for the current scope of accreditation

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<b>SITE LOCATION (HQ)</b>	1. CATEGORY I
<b>FIELD(S) OF TESTING :</b>	CHEMICAL

### SCOPE OF TESTING : CHEMICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
<b>Water</b> Raw Water	pH	APHA 4500-H+ B
	Color	HACH Method 8025
	Turbidity	APHA 2130 B
Treated Water	pH	APHA 4500-H+ B
	Color	HACH Method 8025
	Turbidity	APHA 2130 B
	Free chlorine, low range	HACH DPD Method 8021
	Free chlorine, high range	HACH DPD Method 10069
Effluent	pH	APHA 4500-H+ B