



**A&A SCIENTIFIC RESOURCES SDN. BHD.**

# COMPANY PROFILE

**MS ISO/IEC 17025:2017  
SAMM 084**

✉ [info@environment.com.my](mailto:info@environment.com.my)

☎ +010-4643620

🌐 [www.environment.com.my](http://www.environment.com.my)





## OUR COMPANY BACKGROUND



A&A Scientific Resources Sdn Bhd manages the operations of the UiTM - A&A Laboratory, which received accreditation from the Department of Standards Malaysia (DSM) on 24th November 1995 under the Laboratory Accreditation Scheme of Malaysia (SAMM), MS ISO/IEC 17025.

Formed through a partnership with Universiti Teknologi MARA in September 2005 via the Faculty of Chemical Engineering, the UiTM-A&A Laboratory provides environmental and health sampling and testing services to consultancy companies, various industries, government bodies, private companies, and universities.

Upholding the highest ethical standards and dedication to excellence in all operational aspects, it strives to exceed customer expectations

The management and employees of UiTM-A&A Laboratory are guided by our Quality Policy in all decisions and actions on a daily basis. **Our goal is to provide the following:**

- **Striving to meet or exceed our customers' needs and satisfaction.**
- **Maintaining a trustworthy and ethical work environment that supports long-term employment, development, and growth.**
- **Equipping employees with the necessary training and tools to perform their jobs efficiently.**
- **Providing the resources and personal support needed for the successful implementation of our MS ISO/IEC 17025:2017 Quality System and Quality Objectives.**
- **Continuously improving in all aspects.**

Schedule

Issue date: 26 October 2023  
Valid until: 24 November 2028



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**LABORATORY LOCATION:**  
(PERMANENT LABORATORY)



**UiTM - A & A LABORATORY**  
**A&A SCIENTIFIC RESOURCES SDN. BHD.**  
**BANGUNAN MAKMAL PENYELIDIKAN ALAM**  
**SEKITAR,**  
**KOLEJ KEDIAMAN KENANGA 2, ZON C,**  
**JALAN BERNAS 1/10 D,**  
**UNIVERSITI TEKNOLOGI MARA,**  
**40450 SHAH ALAM,**  
**SELANGOR.**

**FIELD(S) OF TESTING:** **CHEMICAL, MECHANICAL & MICROBIOLOGICAL**

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).

**SCOPE OF TESTING: CHEMICAL**

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
<b>Environmental Monitoring</b>  Industrial Effluent- Waste Water  <b>Water</b> Water- River Water, Drinking Water, Ground Water	pH	APHA 4500 - H*B (2023)
	Temperature	APHA 2550 (2023)
	BOD <sub>5</sub>	APHA 5210B (2023)
	COD	APHA 5220B (2023)
	Ammoniacal Nitrogen	APHA 4500-NH <sub>3</sub> B (2023)
	Total Suspended Solids	APHA 2540 D (2023)
	Total Solids	APHA 2540 B (2023)
	Oil and Grease	APHA 5520 B, D (2023)

SKIM AKREDITASI MAKMAL MALAYSIA (SAMM)  
LABORATORY ACCREDITATION SCHEME OF MALAYSIA

Scan this QR Code or visit [www.ism.gov.my/cab-directories](http://www.ism.gov.my/cab-directories) for the current scope of accreditation



OUR SAMM ACCREDITATION

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SCOPE OF TESTING: CHEMICAL

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
<b>Environmental Monitoring</b>  Industrial Effluent- Waste Water (continued)  <b>Water</b> Water- River Water, Drinking Water, Ground Water (continued)	Dissolved Oxygen	APHA 4500 - O G (2023)
	Cadmium Copper Iron Nickel Lead Manganese Zinc	APHA 3111-B, APHA- 3030 F (2023)
	Boron	APHA 4500 – B C (2023)
	Arsenic	APHA 3114 - B (2023)
	Chromium (VI)	APHA 3500 - Cr B (2023)
	Phenol	APHA 5530 A, B, C (2023)
	Cyanide	APHA 4500-CN, C, D (2023)
	COD, Closed Reflux	APHA 5220 C, (2023)
	Silver (Ag)	APHA 3111-B, (2023) APHA 3011-B, (2023)
	Selenium (Se)	APHA 3500-Se C, (2023)
	Formaldehyde	In-house Method LTM 1.18 based on Merck Application Note, UV-Vis Spectroscopy by Christopher Lynch, Perkin Elmer USA (2009)

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LABORATORY ACCREDITATION SCHEME OF MALAYSIA

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SCOPE OF TESTING: CHEMICAL

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
<b>Environmental Monitoring</b>  Industrial Effluent- Waste Water (continued)  <b>Water</b> Water- River Water, Drinking Water, Ground Water (continued)	Color	APHA 2120 F, (2023)
	Nitrite, NO <sub>2</sub> -	APHA 4500- NO <sub>2</sub> - B, (2023)
	Nitrate, NO <sub>3</sub> -	APHA 4500- NO <sub>3</sub> - B (2023)
	Chloride	APHA 4500 - Cl- B (2023)
	Fluoride	APHA 4500 - F- D (2023)
	Chlorine (Residual)	APHA 4500 - Cl B (2023)
	Phosphorus	APHA 4500 – P B, C (2023)
	Potassium	APHA 3500 - K B (2023) APHA 3030 - B (2023)
	Sodium	APHA 3500 - Na B (2023) APHA 3030 - B (2023)
	Sulphide	APHA 4500 - S <sup>2-</sup> C (2023) APHA 4500 - S <sup>2-</sup> F (2023)
	Mercury	APHA 3112 - B (2023)
	Turbidity	APHA 2130 - B (2023)
	Total Chromium	APHA 3111 - B (2023) APHA 3030 - F (2023)
	Calcium & Calcium Hardness	APHA 3500 - Ca B (2023)
	Hardness	APHA 2340 - C (2023)

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SCOPE OF TESTING: CHEMICAL

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
<b>Environmental Monitoring</b>  Industrial Effluent- Waste Water (continued)  <b>Water</b> Water- River Water, Drinking Water, Ground Water (continued)  <b>Environmental Monitoring</b>  Rubber and Palm Oil Effluents	Magnesium	APHA 3500 - Mg B (2023)
	Sulphate	APHA 4500 - SO <sub>4</sub> <sup>2-</sup> E (2023)
	Tin	In-House Method LTM 1.13 based on MH15 Mercury Hydride System (Perkin Elmer) (2023)
	BOD <sub>5</sub>	Standard Methods for Analysis of Rubber & Palm Oil Mill Effluent (ALT) 4th. Edition (2019) Department of Environment Malaysia
	COD	Standard Methods for Analysis of Rubber & Palm Oil Mill Effluent (REF) (ALT) 4th. Edition (2019) Department of Environment Malaysia
	Ammoniacal Nitrogen	Standard Methods for Analysis of Rubber & Palm Oil Mill Effluent (REF) 4th. Edition (2019) Department of Environment Malaysia
	Total Kjeldahl Nitrogen	Standard Methods for Analysis of Rubber & Palm Oil Mill Effluent (REF) 4th. Edition (2019) Department of Environment Malaysia
	Total Suspended Solids	Standard Methods for Analysis of Rubber & Palm Oil Mill Effluent (ALT) 4th. Edition (2019) Department of Environment Malaysia
	Oil and Grease	Standard Methods for Analysis of Rubber & Palm Oil Mill Effluent (REF) 4th. Edition (2019) Department of Environment Malaysia
<b>Industrial Hygiene</b>  Air sample (Analysis Only) Charcoal Tube	Methanol	NIOSH 2000, Issue 3, using Gas Chromatography FID
Charcoal Tube	Ethanol, 2-Propanol	NIOSH 1400, Issue 2, using Gas Chromatography FID
Charcoal Tube	n-Hexane	NIOSH 1500, Issue 3, using Gas Chromatography FID
Charcoal Tube	Acetone	NIOSH 1300, Issue 2, using Gas Chromatography FID
Charcoal Tube	Hydrocarbon Aromatic (BTEX) (Benzene, toluene, ethylbenzene, o-xylene, m-xylene, p-xylene)	NIOSH 1501, Issue 3, using Gas Chromatography FID

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OUR SAMM ACCREDITATION

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SCOPE OF TESTING: CHEMICAL

SITE: CATEGORY I

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Environmental Monitoring  Water- Waste Water, River, Drain, Sea, Ground and Boiler Water	pH	APHA 4500 - H*B (2023)
	Temperature	APHA 2550 (2023)
	Dissolved Oxygen	APHA 4500 – OG (2023)
	Dissolved Oxygen/Salinity/ Temperature	In-house method SM 4.4 based on YSI PRO 2030 User Manual
	Conductivity	APHA 2520 B
	Total Dissolved Solids	In house method SM 4.6 based on EUTECH Cyberscan Con 11 User Manual
Ambient Air Monitoring	Total Suspended Particulate	APHA 1C 11101-01-70T
	PM10	EPA Appendix J to Part 50
	Nitrogen Dioxide	APHA IC 42602 03-73T
	Sulfur Dioxide	APHA IC 42401 01-69T
Stack Monitoring	Isokinetic Stack Monitoring- Particulate Matter	MS 1596:2003

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SCOPE OF TESTING: CHEMICAL

SITE: CATEGORY I

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Environmental Monitoring  Stack Monitoring	Measurement of CO <sub>2</sub> , CO, O <sub>2</sub> , NO, NO <sub>2</sub> , SO <sub>2</sub> , H <sub>2</sub> S using Portable Gas Analyzer	In-house Method SM 2.5 based on Fuel Efficiency Monitor Model FEM- 7 v.2.0 Technovation Analytical Instrumental.
	I) Dark Smoke	In-house Method SM 2.6 based on Ringelmann Smoke Chart (Revision of IC 7718) US Bureau of Mines, May 1967
Ambient Air Monitoring	a) PM 2.5/ PM 10/ TSP	In-house Method SM 3.5 based on Airmetrics Minivol Portable Air Sampler Manual
	b) PM 2.5 & PM 10	In-house Method SM 3.8 based on Thermo Environmental Instrument Combined Sampler TEI-451 Manual
	c) Ozone	In-house Method SM 3.7 based on Series 500 User Guide. Aeroqual Manufacturer
	d) Carbon Monoxide	In-house Method SM 3.6 based on Carbon Monoxide Detector Tube Instruction Manual Kitagawa Manufacturer

Note:

DOE	Standard Methods for Analysis of Rubber & Palm Oil Mill Effluents, 4 <sup>th</sup> Edition, (2019), Department of Environment Malaysia
REF	Reference Method of DOE revised standard procedure
ALT	Alternative Method of DOE revised standard procedure
APHA	American Public Health Association, 24 <sup>th</sup> Edition, 2023
IMR	IMR @ Environmental Equipment
APHA IC	APHA Inter-science Committee
ISO	International Organisation for Standardisation
NIOSH	National Institute of Occupational Safety and Health
LTM	Laboratory Test Method (In-house)
SM	Sampling Method (In-house)

Signatories:

1.

Azita Ayu Bt. Abdul Halim

IKM No. M/2448/5081/2007
2.

Nurul Syahnidz Adila Zaini

IKM No. M/5098/7213/15/19

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SCOPE OF TESTING: CHEMICAL

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Stack Monitoring (Analysis Only) Solutions	a) Hydrogen Chloride	APHA IC 12203-01-68T
Solutions	b) Hydrogen Sulfide	USEPA Method 11
Solutions, Cellulose Thimble	c) Hydrogen Fluoride	USEPA Method 13A
Solid Sorbent Tube (Hopcalite)	d) Mercury	NIOSH 6009
Cellulose Thimble	e) Cadmium	In-house Method LTM 1.52 based on APHA IC 12110-02-73T APHA 3030 F (Sample Preparation)
Cellulose Thimble	f) Lead	In-house Method LTM 1.53 based on APHA IC 12128-02-73T APHA 3030 F (Sample Preparation)
Cellulose Thimble	g) Manganese	In-house Method LTM 1.54 based on APHA IC 12132-02-73T APHA 3030 F (Sample Preparation)
Cellulose Thimble	h) Arsenic	In-house Method LTM 1.55 based on NIOSH 7900
Cellulose Thimble	i) Copper	In-house Method LTM 1.56 based on APHA IC 12114-01-73T APHA 3030 F (Sample Preparation)
Cellulose Thimble	j) Nickel	In-house Method LTM 1.57 based on APHA IC 12136-01-73T APHA 3030 F (Sample Preparation)
Cellulose Thimble	k) Zinc	In-house Method LTM 1.58 based on APHA IC 12167-01-73T APHA 3030 F (Sample Preparation)



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SCOPE OF TESTING: CHEMICAL

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Water	a) Aluminium	APHA 3500 AL B (Eriochrome Cyanine R)
	b) Chlorophyll-a	APHA 10150 B (Trichromatic Method)
Soil	pH	MS 678: Part 1:1980

Note:

DOE	Standard Methods for Analysis of Rubber & Palm Oil Mill Effluents, 4 <sup>th</sup> Edition, (2019), Department of Environment Malaysia
REF	Reference Method of DOE revised standard procedure
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APHA	American Public Health Association, 24 <sup>th</sup> Edition, 2023
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LTM	Laboratory Test Method (In-house)
SM	Sampling Method (In-house)

Signatories:

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2.

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SCOPE OF TESTING: CHEMICAL

SITE: CATEGORY I

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
<u>Industrial Hygiene</u> Indoor Air	a) Carbon Monoxide	In-house Method SM 11.1 based on Quest EVM-7 User Guide (2011)
	b) Carbon Dioxide	In-house Method SM 11.1 based on Quest EVM-7 User Guide (2011)
	c) Total Volatile Organic Compound (TVOC)	In-house Method SM 11.1 based on Quest EVM-7 User Guide (2011)
	d) Formaldehyde	In-house Method SM 11.2 based on PPM Formaldemeter HTV User Guide
	e) Relative Humidity	In-house Method SM 11.4 based on Pro'Skit Temperature and Relative Humidity Meter User Guide
	f) Temperature	In-house Method SM 11.4 based on Pro'Skit Temperature and Relative Humidity Meter User Guide
	g) Ozone	In-house Method SM 11.3 based on Aeoroqual Series 500 User Guide

Note:

DOE	Standard Methods for Analysis of Rubber & Palm Oil Mill Effluents, 4 <sup>th</sup> Edition, (2019), Department of Environment Malaysia
REF	Reference Method of DOE revised standard procedure
ALT	Alternative Method of DOE revised standard procedure
APHA	American Public Health Association, 24 <sup>th</sup> Edition, 2023
IMR	IMR @ Environmental Equipment
APHA IC	APHA Inter-science Committee
ISO	International Organisation for Standardisation
NIOSH	National Institute of Occupational Safety and Health
LTM	Laboratory Test Method (In-house)
SM	Sampling Method (In-house)

Signatories:

1.

Anuar Bin Amir

IKM No. M/3119/5840/11
2.

Faridah Hanum Binti Mohd Amir

SKIM AKREDITASI MAKMAL MALAYSIA (SAMM)  
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SCOPE OF TESTING: MECHANICAL

SITE: CATEGORY I

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
<u>Environmental Monitoring</u> Noise Measurement	Sound Pressure Level	In-house Method SM 5.1 based on ISO 1996-1;2003-1 and ISO 1996-2; 2007
Vibration	Vibration	In-house Method SM 6.1 based on Vibrock V901 Instruction Manual

Note:

DOE	Standard Methods for Analysis of Rubber & Palm Oil Mill Effluents, 4 <sup>th</sup> Edition, (2019), Department of Environment Malaysia
REF	Reference Method of DOE revised standard procedure
ALT	Alternative Method of DOE revised standard procedure
APHA	American Public Health Association, 24 <sup>th</sup> Edition, 2023
IMR	IMR @ Environmental Equipment
APHA IC	APHA Inter-science Committee
ISO	International Organisation for Standardisation
NIOSH	National Institute of Occupational Safety and Health
LTM	Laboratory Test Method (In-house)
SM	Sampling Method (In-house)

Signatory:

1.

Azita Ayu Bt. Abdul Halim

IKM No. M/2448/5081/2007


SKIM AKREDITASI MAKMAL MALAYSIA (SAMM)  
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SCOPE OF TESTING: MICROBIOLOGY

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
<u>Industrial Hygiene</u> Indoor Air	a) Air Monitoring for Total Bacteria Count	NIOSH Manual of Analytical Method 0800: Bioaerosol Sampling (Indoor Air) (Issue 1:15 January 2023)
	b) Air Monitoring for Total Fungus Count	NIOSH Manual of Analytical Method 0800: Bioaerosol Sampling (Indoor Air) (Issue 1:15 January 2023)
Water  Drinking Water, Potable Water and Processed Water, Mineral Water, Ground Water and River Water	a) Total Coliform (Membrane filtration)	In-house Method LTM 9.1 based on APHA 9222 B (2023)
	b) E. coli (Membrane filtration)	In-house Method LTM 9.2 based on APHA 9222 B (2023)
	c) Faecal coliform (Membrane filtration)	APHA 9222 D (2023)
	d) Faecal streptococcus (Membrane filtration)	APHA 9230 C (2023)
	e) Enterococci (Membrane filtration)	APHA 9230 C (2023)
	f) <i>Pseudomonas aeruginosa</i> (Membrane filtration)	APHA 9213 E (2023)

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SCOPE OF TESTING: MICROBIOLOGY

Note:

REF	Reference Method of DOE revised standard procedure
ALT	Alternative Method of DOE revised standard procedure
APHA	American Public Health Association, 24 <sup>th</sup> Edition, 2023
IMR	IMR @ Environmental Equipment
APHA IC	APHA Inter-science Committee
ISO	International Organisation for Standardisation
NIOSH	National Institute of Occupational Safety and Health
LTM	Laboratory Test Method (In-house)


Signatory:

1. Nadira Binti Azuar

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SCOPE OF TESTING: MECHANICAL

SITE: CATEGORY I

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
<u>Industrial Hygiene</u> Indoor Air	a) Air monitoring for Total Bacteria Count	NIOSH Manual of Analytical Method 0800: Bioaerosol Sampling (Indoor Air) (Issue 1:15 January 2023)
	a) Air monitoring for Total Fungus Count	NIOSH Manual of Analytical Method 0800: Bioaerosol Sampling (Indoor Air) (Issue 1:15 January 2023)

Note:

REF	Reference Method of DOE revised standard procedure
ALT	Alternative Method of DOE revised standard procedure
APHA	American Public Health Association, 24 <sup>th</sup> Edition, 2023
IMR	IMR @ Environmental Equipment
APHA IC	APHA Inter-science Committee
ISO	International Organisation for Standardisation
NIOSH	National Institute of Occupational Safety and Health
LTM	Laboratory Test Method (In-house)

Signatory:

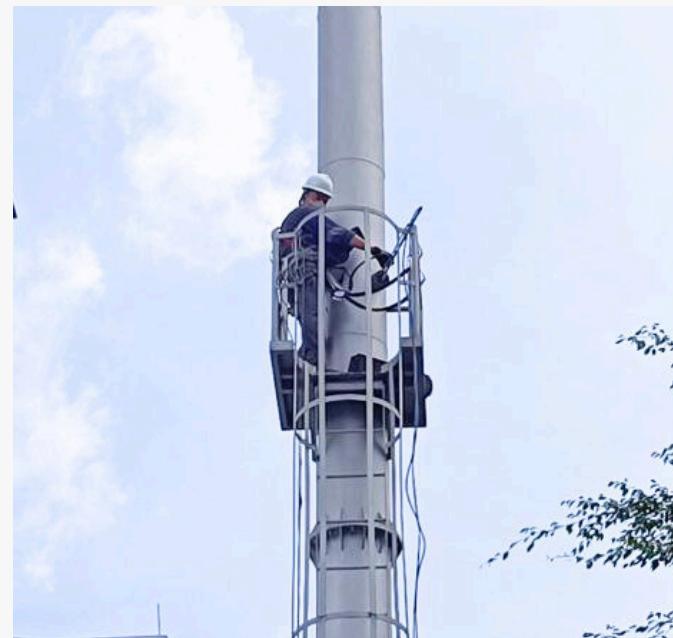
1. Nadira Binti Azuar

SKIM AKREDITASI MAKMAL MALAYSIA (SAMM)  
LABORATORY ACCREDITATION SCHEME OF MALAYSIA



## OUR SERVICES

# ENVIRONMENTAL MONITORING



**Boundary Noise Monitoring**

**Industrial Effluent Characteristic Study**

**Stack/Chimney/Air Emission  
Monitoring**

**Ambient Air Quality Monitoring**

**Vibration Monitoring**

**Industrial Effluent/sewage**



## OUR SERVICES

# WATER QUALITY MONITORING



**River Water Quality Monitoring**

**Marine Water Quality Monitoring**

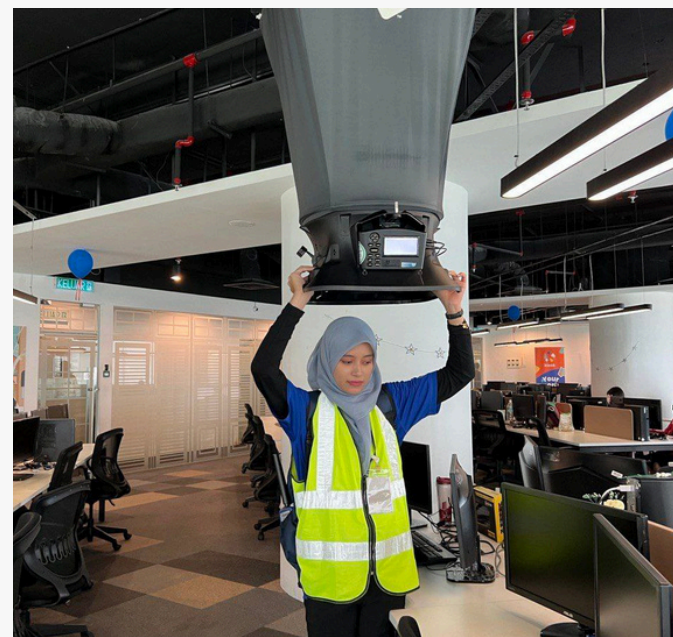
**Total Maximum Daily Load  
Study (TMDL)**

**Groundwater Monitoring**



## OUR SERVICES

# INDUSTRIAL HYGIENE MONITORING



**Indoor Air Quality (IAQ)**

**Chemical Exposure Monitoring (CEM)**

**Noise Risk Assessment (NRA)**

**Chemical Health Risk  
Assessment (CHRA)**

**Local Exhaust Ventilation (LEV)**



## OUR SERVICES

# LABORATORY ANALYTICAL SERVICES



**Water Analysis (Drinking water, Ground water, Sewage, Fresh water, Marine water, Swimming pool)**

**Industrial Effluent & Influent**

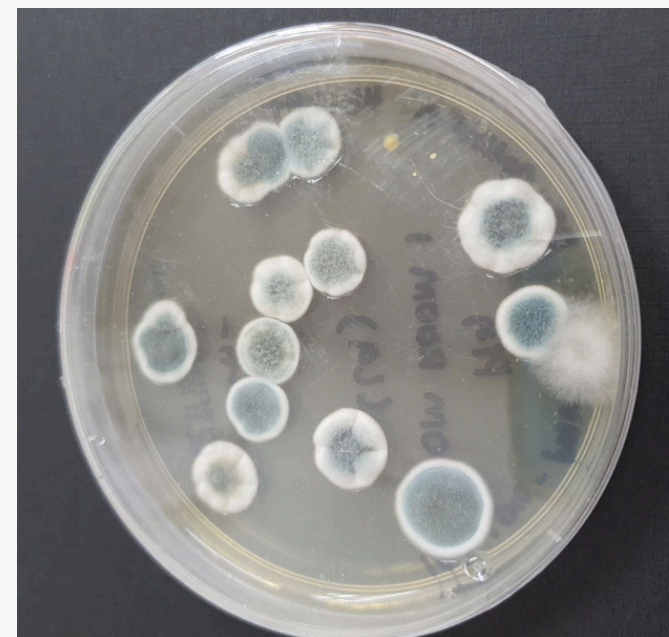
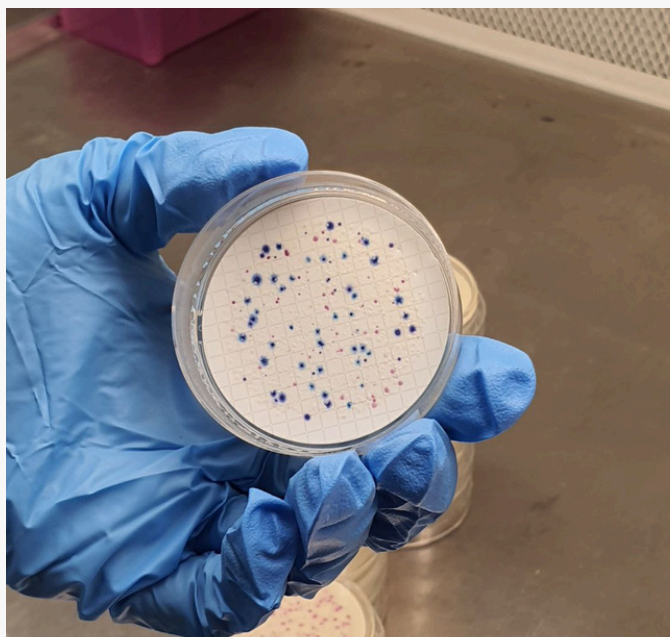
**Soil Analysis**

**Sludge Analysis**

**Air Analysis**

## OUR SERVICES

# MICROBIOLOGICAL ANALYSIS



**E. Coli**

**Total Coliform**

**Faecal Coliform**

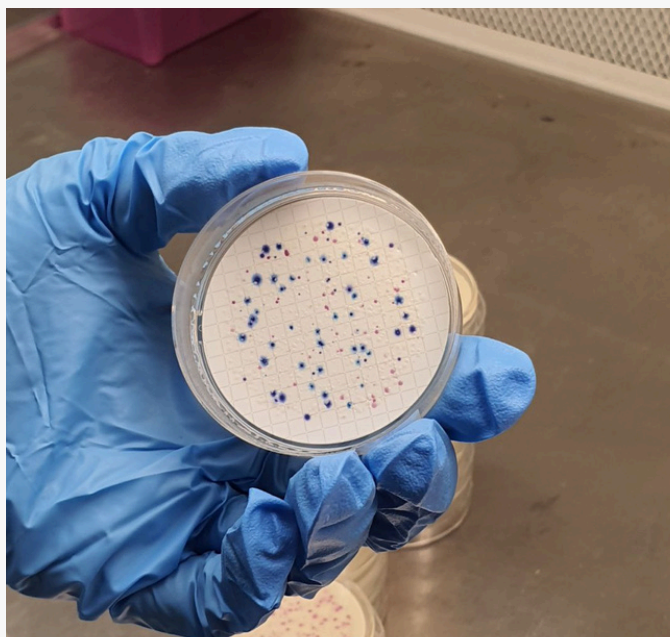
**Total Bacteria Count**

**Total Fungus Count**



## OUR SERVICES

# MICROBIOLOGICAL ANALYSIS



**Fungus ID**

**RODAC**

**Heterotrophic Plate Count  
/ Total Plate Count**

**Staphylococcus Aureus**

**Pseudomonas Aeruginosa**

## OUR SERVICES

# ECOLOGICAL ASSESSMENT



**Macrobenthos**

**Phytoplankton**

**Zooplanktons**

**Chlorophyll A**

**Algae Identification**

**Fish ID**



## COMPANY AND BUSINESS REGISTRATION

**Registered Name**

**A&A SCIENTIFIC RESOURCES SDN BHD**

**Registered Address**

**UiTM - A&A LABORATORY**

Bangunan Makmal Penyelidikan Alam Sekitar,  
Kolej Kediaman Kenanga 2, Universiti Teknologi MARA,  
40450 Shah Alam, Selangor Darul Ehsan

**Website URL**

[www.environment.com.my](http://www.environment.com.my)

**Email Address**

[info@environment.com.my](mailto:info@environment.com.my)

**Date of Incorporation**

12th September 2003 (CETEC Laboratory  
commenced its operation in September 1992)

**MOH Registered Number**

357-02026928

**SST Registered Number**

B16-1904-380000015

**Co. Registration No.**

200301025502 (627922-U)

# ORGANISATION CHART

**ANUAR AMIR**  
MANAGING DIRECTOR

**ANUAR AMIR**  
EXECUTIVE DIRECTOR

**AZITA AYU**  
TECHNICAL & QUALITY  
DIRECTOR

**SALES & MARKETING  
DEPARTMENT**

**HANUM**  
SALES MANAGER

**DIYANA**  
BUSINESS DEVELOPMENT  
EXECUTIVE

**MOLIN**  
SALES & MARKETING  
EXECUTIVE

**ADILA**  
SALES & MARKETING  
EXECUTIVE

**IZZATUL**  
DIGITAL MARKETING  
EXECUTIVE

**ACCOUNT  
DEPARTMENT**

**LINDA**  
ACCOUNT MANAGER

**YASMIN**  
ACCOUNT ASSISTANT

**HR & ADMIN  
DEPARTMENT**

**ROHANIZA**  
HR & ADMIN  
EXECUTIVE

**HARIS**  
DESPATCH/GENERAL  
WORKER

**MICROBE DEPARTMENT**

**NADIRA**  
MICROBIOLOGIST

**IAQ DEPARTMENT**

**ANUAR AMIR**  
IAQ ASSESSOR

**HASLIZA**  
IAQ ASSESSOR

**HANUM**  
IAQ EXECUTIVE

**FARAH**  
IAQ EXECUTIVE

**PROJECT DEPARTMENT**

**HAZIRAH**  
PROJECT OFFICER

**NABIHA**  
ASSISTANT PROJECT  
OFFICER

**MARINE DEPARTMENT**

**AZITA**  
MARINE BIOLOGIST

**AWIN**  
MARINE BIOLOGIST

**LABORATORY  
DEPARTMENT**

**ANIDZ**  
CHEMIST

**NATASHA**  
CHEMIST

**ALIFF**  
CHEMIST

**EDAYU**  
LAB. TECH. (LEADER)

**KALSOM**  
LAB. ATTENDANT

**IZZAH**  
OPERATION SUPPORT

**SYAZANA**  
LAB. TECH.

**FENDI**  
FIELD TECH.

**ZUNAIDI**  
FIELD TECH.

**ZULHILMI**  
FIELD TECH

**SAMPLING DEPARTMENT**

**KHAIRI**  
FIELD SUPERVISOR

**FADLY**  
FIELD TECH. (LEADER)

**KAMAL**  
FIELD TECH.

**ASYRAF**  
FIELD TECH.

**HUMAIRAH**  
MANAGEMENT TRAINEE