



ACCREDITATION CERTIFICATE

LB-TEST-088

Emirates International Accreditation Centre

has accredited

WATER BIRD CHEMICAL & BIOLOGICAL LABORATORY

Al Quoz Industrial Area 4 | Warehouse No. 4

Dubai | United Arab Emirates

In accordance with the requirements of

ISO/IEC 17025:2017

General requirements for the competence of testing and calibration laboratories

to undertake the tests in the attached accreditation scope

This Accreditation is invalid without the attached accreditation scope and shall remain in force within the validity period printed below, subject to continuing compliance with the requirements of the accreditation criteria.

Validity: 29-12-2025 to 20-11-2028

Initial Accreditation Date: 21-11-2013




Amina Ahmed Mohammed
CHIEF EXECUTIVE OFFICER





مركز الإمارات العالمي للاعتماد
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Accreditation Scope
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Water Bird Chemical & Biological Laboratory

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Date: 29-12-2025

Accreditation History		
Issue no.	Details	Date
11	The scope has been reissued following accreditation renewal, incorporating modifications in the test methods for specific tests	29-12-2025
10	Certificate validity was extended for 6 months from 21-11-2025 up to 10-05-2026	21-11-2025
09	Modification in some test methods	19-02-2024
08	Renewal of the accreditation with some changes in chemistry tests names & test methods	13-12-2022
07	Modification in test method for some tests	03-01-2022
06	Modification in test method for some tests and comply with the new accreditation number format	11-7-2021
05	Extension in scope	31/03/2020
04	Renewal accreditation, comply with ISO 17025:2017 and first issuance under the name of EIAC (which was formerly known as DAC)	21/11/2019



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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemistry	Water and wastewater	pH	APHA/AWWA-4500 H+ 24th Edition
		TDS	APHA/AWWA-2540C 24th Edition
		TSS	APHA/AWWA-2540D 24th Edition
		BOD	WBCBL/SOP/09
		COD	APHA/AWWA-5220B 24th Edition
		Conductivity	APHA/AWWA-2510B 24th Edition
		Total Hardness	APHA/AWWA-2340C 24th Edition
		Total Alkalinity	APHA/AWWA-2320B 24th Edition
		Chloride	APHA/AWWA-4500Cl-B 24th Edition



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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemistry	Water and wastewater	Oil and Grease	APHA/AWWA-5520 B 24th Edition partition gravimetric method
		Calcium & Calcium Hardness	APHA/AWWA-3500 Ca B & 3030E
		Magnesium (Calculation Method)	APHA/AWWA-3500-Mg B APHA/AWWA 3500-Ca B APHA/AWWA 2340 C 24th Edition
		Sulphate	APHA/AWWA-4500- SO ₄ 2-E
		Copper	APHA/AWWA- 3120B & 3030 E
		Chromium	APHA/AWWA- 3120B & 3030 E
		Cadmium in waste water	APHA/AWWA- 3120B & 3030 E

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemistry	Water and wastewater	Cobalt	APHA/AWWA- 3120B & 3030 E
		Manganese	APHA/AWWA- 3120B & 3030 E
		Nickel	APHA/AWWA- 3120B & 3030 E
		Zinc	APHA/AWWA- 3120B & 3030 E
		Iron	APHA/AWWA- 3120B & 3030 E
		Selenium	APHA/AWWA- 3120B & 3030 E
		Beryllium	APHA/AWWA- 3120B & 3030 E
		Barium	APHA/AWWA- 3120B & 3030 E
		Lead	APHA/AWWA- 3120B & 3030 E
		Silver	APHA/AWWA- 3120B & 3030 E



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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemistry	Water and wastewater	Potassium	APHA/AWWA- 3120B & 3030 E
		Sodium	APHA/AWWA- 3120B & 3030 E
		Aluminium	APHA/AWWA- 3120B & 3030 E
		Mercury	APHA/AWWA- 3120B & 3030 E
		Arsenic	APHA/AWWA- 3120B & 3030 E
		Calcium	APHA/AWWA- 3120B & 3030 E
		Magnesium	APHA/AWWA- 3120B & 3030 E
		Appearance	APHA 2110 24th Edition
		Colour – Apparent	APHA 2120 C 24th Edition
		Colour - True	APHA 2120 C 24th Edition

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemistry	Water and wastewater	Turbidity	APHA 2130 B 24th Edition
		Bicarbonate (HCO ₃)	APHA 2320 B & 1050 C 24th Edition
		M- Alkalinity (pH larger than 4.4)	APHA 2320 B 24th Edition
		P- Alkalinity (pH larger than 8.3)	APHA 2320 B 24th Edition
		Saturation Index (calculate based accredited following test methods: Temp, pH, EC, TDS, Calcium and Total Alklinity)	APHA 2330 B APHA 4500 H+B APHA 2550 B APHA 2510 B APHA 2540 C APHA 3500 Ca B APHA2320 B 24th Edition
		Carbonate Hardness	APHA 2340 A APHA 2340 C APHA 2320 B 24th Edition



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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemistry	Water and wastewater	Non Carbonate Hardness	APHA 2340 A APHA 2340 C APHA 2320 B 24th Edition
		Salinity	APHA 2520 B & 2510B APHA 2550 B 24th Edition
		Total Solids @ 105°C	APHA 2540 B 24th Edition
		Temperature	APHA 2550 B 24th Edition
		Chromium Hexavalent	APHA 3500 Cr B 24th Edition
		Iron- Dissolved	APHA 3500 Fe B 24th Edition
		Iron – Total	APHA 3500 Fe B
		Iron - Suspended	APHA 3500 Fe B 24th Edition

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemistry	Water and wastewater	Magnesium Hardness	APHA/AWWA 3500 Mg B APHA/AWWA3500-Ca B APHA/AWWA2340 C 24th Edition
		Chlorine Free	APHA 4500 Cl G (0.02 to 2.0) 24th Edition
		Chlorine Free	APHA 4500 Cl G (0.10 to 10.0) 24th Edition
		Chlorine Total	APHA 4500 Cl G (0.02 to 2.0) 24th Edition
		Chlorine Total	APHA 4500 Cl G (0.10 to 10.0) 24th Edition
		Chloride as NaCl	APHA 4500 Cl- B 24th Edition

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemistry	Water and wastewater	Bicarbonate Alkalinity (Calculate based accredited following test methods: pH & Total Alkalinity)	APHA 4500 CO2 D APHA 2320 B APHA 4500 H+ B 24th Edition
		Carbonate Alkalinity (Calculate based accredited following test methods: pH & Bicarbonate Alkalinity)	APHA 4500 CO2D APHA 4500 H+ B 24th Edition
		Hydroxide Alkalinity (Calculate based accredited following test methods: pH)	APHA 4500 CO2D APHA 4500 H+ B
		Carbon Dioxide – Free (Calculate based accredited following test methods: pH & Bicarbonate Alkalinity)	APHA 4500 CO2D APHA 4500 H+ B 24th Edition



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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemistry	Water and wastewater	Carbon Dioxide - Total (Calculate based accredited following test methods:Free Carbon Dioxide, Bicarbonate Alkalinity & Carbonate Alkalinity)	APHA 4500 CO2D APHA 4500 H+ B APHA 2320 B 24th Edition
		Fluoride	HACH 8029
		Nitrogen - Total-LR	SOP : 60-Persulphate Digestion Method In House procedure
		Nitrogen - Total-HR	SOP : 61-Persulphate Digestion Method In House procedure
		Ammonia	APHA 4500 - NH3 B & C 24th Edition
		Ammonia – Nitrogen	APHA 4500 - NH3 B & C 24th Edition
		Ammonium	APHA 4500 - NH3 B & C 24th Edition

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemistry	Water and wastewater	Nitrite	HACH 8507
		Nitrite – Nitrogen	HACH 8507
		Nitrite as Sodium Nitrite	HACH 8507
		Nitrate	HACH 8171
		Nitrate - Nitrogen	HACH 8171
		Nitrogen Organic (TKN)	APHA 4500 –Norg B 24th Edition
		Dissolved Oxygen	APHA 4500 – O C 24th Edition
		Orthophosphate / phosphate reactive	HACH 8114
		Reactive Phosphorous	HACH 8114
		Dissolved Orthophosphate	HACH 8114



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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemistry	Water and wastewater	Dissolved Reactive Phosphorus	HACH 8114
		Total Phosphate	HACH 8114
		Total Phosphorous	HACH 8114
		Total Dissolved Phosphate	HACH 8114
		Total Dissolved Phosphorous	HACH 8114
		Silica (SiO ₂) - HR	SOP 43 HACH 8185
		Silicon (Si) - HR	SOP 43 HACH 8185
		Silica (SiO ₂) - LR	SOP 44 HACH 8186
		Silicon (Si) - LR	SOP 44 HACH 8186
		Sulphide	HACH 8131

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemistry	Water and wastewater	Sulphide as H ₂ S	HACH 8131
		Sulphide	APHA 4500 S ₂ - C & F 24th Edition
		Sulphide as H ₂ S	APHA 4500 S ₂ - C & F 24th Edition
		Sulphite	APHA 4500-SO ₃ 2-B 24th Edition
		BOD-5Days	APHA 5210 B 24th Edition (conventional method)
		Phenol	HACH 8047
		Antimony	APHA/AWWA- 3120 B 24th Edition
		Boron	APHA/AWWA- 3120 B 24th Edition
		Indium	APHA/AWWA- 3120 B 24th Edition

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemistry	Water and wastewater	Lithium	APHA/AWWA- 3120 B 24th Edition
		Molybdenum	APHA/AWWA- 3120 B 24th Edition
		Silicon	APHA/AWWA- 3120 B 24th Edition
		Strontium	APHA/AWWA- 3120 B 24th Edition
		Thallium	APHA/AWWA- 3120 B 24th Edition
		Tin	APHA/AWWA- 3120 B 24th Edition
		Titanium	APHA/AWWA- 3120 B 24th Edition
		Vanadium	APHA/AWWA- 3120 B 24th Edition
		Ammonia	HACH 8155
		Ammonia – Nitrogen	HACH 8155



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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemistry	Water and wastewater	Ammonium	HACH 8155
		Benzotriazole	HACH 8079
		Bromine	HACH 8016
		Chlorine Dioxide	HACH 10126
		Total Cyanide	HACH 8027
		Free Cyanide	HACH 8027
		Cyanuric Acid	HACH 8139
		Molybdate	HACH 8036
		Molybdenum	HACH 8036
		Monochloramine	HACH 10171
		Nitrite	HACH 8153
		Nitrite – Nitrogen	HACH 8153

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemistry	Water and wastewater	Nitrite as Sodium Nitrite	HACH 8153
		Phosphonate	HACH 8007
		Surfactants - Anionic	HACH 8028
		Total Heavy Metals (calculate based accredited following test methods: Antimony, arsenic, cadmium, chromium, cobalt, copper, indium, iron, lead, manganese, mercury , molybdenum, nickel, selenium, silver, thallium, tin, vanadium and zinc)	SOP:49 In House Procedure
		Oil & Grease - Free	Opex analysers application note AN 10B01C20-05E Ed 02



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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemistry	Water and wastewater	Wastewater Sample Collection	APHA 1060 B & DMS 11:2001 24th Edition
		Other Water sample Collection	APHA 1060 B 24th Edition
Microbiology	Water and Swimming Pools	Heterotrophic Plate Count	APHA/AWWA 9215 D 24th Edition
		Enumeration of Total Coliforms	APHA/AWWA 9222 B 24th Edition
		Enumeration of <i>E.coli</i>	APHA/AWWA 9222 B 24th Edition
		Enumeration of <i>Pseudomonas aeruginosa</i>	APHA/AWWA 9213 E 24th Edition
		Enumeration of Faecal streptococci/ <i>Enterococcus species</i> .	APHA/AWWA 9230 C 24th Edition
		Enumeration of Faecal Coliforms	APHA/AWWA 9222 D 24th Edition
		Collection of water sample	APHA / AWWA 9060A 24th Edition



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Type of Activity	Test Materials/Products	Test Name	Test Method
Microbiology	Water	Water Quality: Enumeration of <i>Legionella</i> species. Matrix A : water with Low Background. Matrix B : Water with High Background	ISO 11731 Matrix A: Procedures 7 Matrix B: Procedures 8, 9, 10
Sampling	Water	Sampling for <i>Legionella</i> bacteria in water systems. Code of practice Section 2: Routine sampling	BS7592