

10.6 Scope of Accreditation

Issue No: 01/ Issue Date 21st Dec 2020
File Manager: M.aslowailem



ACCREDITED
TESTING
ISO/IEC 17025:2017
No. ATL 0099

Testing Laboratory Accreditation No. ATL 0099

is accredited by the GCC Accreditation Center (GAC) in accordance with the recognised International Standard ISO/IEC 17025:2017, "General requirements for the competence of testing and calibration laboratories"

Treated Effluent Quality Control Group, Sanitary Engineering Operations & Maintenance Directorate. Ministry of Works, Municipalities Affairs and Urban Planning	
Address: P.O BOX 5, Building No. 173, Road No.13, Block No. 713, Tubli Area, Kingdom of Bahrain	Contact Person: Ms.Batool Mohammed Al Aali, Head, Treated Effluent Quality Control Group Tel: +973 17788430 Fax: +973 17155451 Email: BatoolM@works.gov.bh Web Address: www.works.gov.bh

Locations where testing activities covered by the above Accreditation Standard are undertaken

1- **address:** P.O BOX 5, Building No. 173, Road No.13, Block No. 713, Tubli Area, Kingdom of Bahrain

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For the following scope:

Scope:

7. Chemical Testing:

7.66 Waters

7.66.04 Sewage

8. Biological Testing:

8.70 Waters, including effluents

8.70.13 Bacteriological condition of sewage

8.65 Aquatic Biology (of specified water source)

8.65.31 Identification of enteric protozoa to specified level

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Scope details are as follows:

TEST CATEGORY	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS / PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED	SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED	Remarks
Chemical Testing	Wastewater	pH	SMEWW 4500 H+B	
	Wastewater	Conductivity	SMEWW 2510B	
	Wastewater	Ammonia	HACH LCK303 and 304	
	Wastewater	Nitrate	HACH LCK 339	
	Wastewater	Nitrite	HACH LCK 341 & 342	
	Wastewater	Chemical Oxygen Demand(COD)	HACH LCK 314 & 114	
	Wastewater	Total Phosphorous	HACH LCK 348 & 350	
	Wastewater	Orthophosphate	HACH LCK 348 & 350	
	Wastewater	Sulphate	HACH LCK 153 & 353	
	Wastewater	Total Suspended solids dried at 103-105°C	SMEWW 2540D	
Wastewater	Total Dissolved solids dried at 180°C	SMEWW 2540C		

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	Wastewater	Biochemical Oxygen Demand (BOD)	SMEWW 5210B	
	Wastewater	Chloride	SMEWW 4500 Cl B	
	Wastewater	Alkalinity	SMEWW 2320B	
	Wastewater	Calcium	SMEWW 3500 Ca B	
	Wastewater	Total Hardness	SMEWW 2340C	
Biological Testing	Wastewater	Escherichia coli	Colilert 24 based on SMEWW 9223B	
	Wastewater	Helminth eggs count/ Identification	WHO-EM/CEH/121E:2004	
	Wastewater	Total Coliform	Colilert 24 based on SMEWW 9223B	

Note: the text in blue indicates the new scope OR update in the Edition of a test method in this issue of the scope of accreditation.

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Log of Suspended Scopes:

TEST CATEGORY	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS / PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED	SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED	Date Suspended	Date Reinstated

Log of Withdrawn Scopes:

TEST CATEGORY	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS / PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED	SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED	Date Withdrawn

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END

This conformity assessment body (CAB) is recorded as issuing GAC accredited reports to organizations in the countries listed below. This list is current at the time of issue of this schedule.

United Arab Emirates	Bahrain	Saudi Arabia	Oman	Qatar	Kuwait	Yemen