

10.6 Scope of Accreditation

Issue No: 01/ Issue Date: 07-04-2022
File Manager: M.Alsowailem



Testing Laboratory Accreditation No. ATL 0128

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"

National Water Company –Water and Wastewater Testing Laboratories- Lab Department of Central Cluster	
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Locations where testing activities covered by the above Accreditation Standard are undertaken

1- address: El-Moaizelah – Riyadh - KSA

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For the following scope

7. Chemical Testing:

7.66 Waters

8. Biological Testing:

8.70 Waters, including effluents

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	Drinking Water	pH	APHA SMEWW 4500 H+B / 23 rd Edition	
		FRC	APHA SMEWW 4500 Cl G / 23 rd Edition	
		Electrical Conductivity	APHA SMEWW 2510 B / 23 rd Edition	
		TDS	APHA SMEWW 2510 B / 23 rd Edition	
		Turbidity	APHA SMEWW 2130 B / 23 rd Edition	
		Iron	HACH Method # 8008 / Gallery Discrete Analyzer	
		Anions (bromate, chloride, chlorite, fluoride, nitrate, sulfate)	APHA SMEWW 4110B / Ion Chromatography / 23 rd Edition	
		Metals (Arsenic, cadmium, copper, lead,	APHA SMEWW 3125B / ICP-MS & ICP-MS/MS	

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TEST CATEGORY	ITEMS, MATERIALS OR PRODUCTS TESTED	manganese, nickel) SPECIFIC TESTS / PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED	/ 23 rd Edition SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED	Remarks
	Wastewater	pH	APHA SMEWW 4500 H+ B / 23rd Edition	
		Ammonia	In-house method WI/WW/CH-INO/4.9/31 based on ISO 7150-1	
		Nitrate	In-house method WI/WW/CH-INO/4.9/30	
		COD	APHA SMEWW 5220 D / 23rd Edition	
Chemical Testing	Wastewater	NO ₂	HACH Method # LCK 341	
		Alkalinity	APHA SMEWW 2320B / Potentiometric titration / 23rd Edition	
		TDS	APHA SMEWW 2510B/2540B / 23rd Edition	
		TSS	APHA SMEWW 2540D / 23rd Edition	
		Turbidity	APHA SMEWW 2130B / 23rd Edition	
Microbiological Testing	Drinking water / Wastewater	Total coliform	APHA SMEWW 9223 B / Colilert - 23rd Edition	
		E. coli		

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: None

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: None

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PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED	SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED	Date Withdrawn

END

Status of this accreditation can be checked in the GAC's website to confirm the validity of this accreditation - <https://www.gac.org.sa/en/>