

10.6 Scope of Accreditation

Issue No: 01/ Issue Date: 8th August 2022
File Manager: Atta Subhan



Testing Laboratory Accreditation No. ATL 0133

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”

Saudi Aramco, Southern Area Laboratories Division, Abqaiq Laboratory (ABQ)

Address:

Saudi Aramco
Southern Area Laboratories Division
Abqaiq Laboratory. (Bldg. M59)
Box 5000, Abqaiq

Contact Person: Ahmed Albutayshi
Tel: (+966) 13 572-7471
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Email: ahmad.bataish@aramco.com
Web Address:

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

1- address:

Saudi Aramco, Southern Area Laboratories Division, Abqaiq Laboratory. (Bldg. M59), Box 5000, Abqaiq

For the following scope:

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Scope:

7. Chemical Testing:

- 7.16 Fuel (lube oil, crude oil)
- 7.66 Water

Scope details are as follows:

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ACCREDITED
TESTING
ISO/IEC 17025:2017
No. ATL 0133

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	Water (clean water, process water)	Determination of Fluoride Ion	ASTM D1179-16 (B)	
		Determination of Cyanides	APHA 4500-CN- (O), (23rd edition, 2017)	
	Water (clean water, high saline water, process water)	Determination of Chloride Ion	APHA 4500-Cl- (D), (23rd edition, 2017)	
		Determination of Phosphorus	APHA 4500-P (G), (23rd edition, 2017)	
		Determination of Alkalinity	ASTM D3875-15	
		Determination of Nitrite-Nitrate	ASTM D3867-16 (A)	
		Determination of pH	ASTM D1293-18 (A)	
		Determination of Electrical Conductivity and Resistivity	ASTM D1125-14 (A)	
		Determination of Chlorine	APHA 4500 Cl (G), (23rd edition, 2017)	
		Determination of Total Carbon and Organic Carbon by High Temperature Catalytic Combustion and Infrared Detection	ASTM D7573-18ae1	
		Determination of Sulfate Ion	ASTM D516-16	

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	Water (clean water, high saline water, process water)	Determination of Elements in Water by Inductively-Coupled Argon Plasma Atomic Emission Spectroscopy Metals: Ca, Mg, K, Na, Al, Ba, Be, B, Cd, Cr, Co, Cu, Fe, Pb, Mn, Mo, Ni, Ag, Sr, V, Zn	ASTM D1976	
	Lube Oil	Determination of Multielement Determination of Used and Unused Lubricating Oils and Base Oils by Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES) Metals: B, Zn, Cd, P, Cr, Ba, Mo, Fe, Si, Ca, Mg, Sn, Pb, Ag, Na, Al, Ti, Cu, and Ni.	ASTM D5185-18	
		Determination of Acid Number of Petroleum Products by Potentiometric Titration	ASTM D664-18e2 (A)	
		Determination of Base Number of Petroleum Products by Potentiometric Perchloric Acid Titration.	ASTM D2896 (B)	
		Determination of Water contents Using Volumetric Karl Fischer Titration	ASTM E203-16	
		Determination of Water contents in Insulating Liquids by Coulometric Karl Fischer Titration	ASTM D1533	
		Determination of Kinematic Viscosity of Transparent and Opaque Liquids (and calculation of Dynamic Viscosity)	ASTM D445	

Version: 3.7

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Date: 10th March 2022

Approved by: Brahim Houla

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	Scale	Analysis of Water-Formed Deposits by Wavelength-Dispersive X-Ray Fluorescence	ASTM D2332-13	
	Scale	Identification of Crystalline Compounds in Water-Formed Deposits by X-Ray Diffraction	SALD SOP 173 based on ASTM D934-13	

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/>