

10.6 Scope of Accreditation

Issue No: 04/ Issue Date: 27 September 2020
File Manager: Atta Subhan

GAC



ACCREDITED
TESTING
ISO/IEC 17025:2017
No. ATL 0043

Testing Laboratory Accreditation No. ATL 0043

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

SGS Gulf Limited – Minerals Laboratory Fujairah	
Address. SGS Gulf Limited, Post Box 4836, SGS Building, Plot-10B, Fujairah Seaport, Fujairah, UAE	Contact: MR. Chella Ganapathy Tel: +971 (0) 4 887 0177 Fax: +971 (0) 4 883 2424 Email: Chella.Ganapathy@sgs.com Web Address: www.sgs.com

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

1- address: SGS Gulf Limited, Post Box 4836, SGS Building, Plot-10B, Fujairah Seaport, Fujairah, UAE

For the following scope:

Scope:

Version: 3.6

Date: 24th July 2019

Approved by: Brahim Houla

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Chemical Testing

7.03 Ores and minerals

Scope details are as follows:

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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 - Minerals and Fertilizers	Limestone and dolomite	Loss on Ignition	ASTM C25-19	
		Calcium as CaO/EDTA Volumetric		
		Magnesium as MgO/EDTA Volumetric		
		Silica as SiO ₂		
		Iron as Fe ₂ O ₃ /Photometric (UV)		
		Sulphate as SO ₃		
		Aluminum as Al ₂ O ₃		
	Gypsum	Free Water	ASTM C471 M-17a1	
		Combined Water		
		Silicon dioxide and Insoluble matter		
		Iron & Aluminum Oxides		
		Calcium as CaO		
		Magnesium Oxide as MgO		
		Sulphur trioxide as SO ₃		
		Sodium Chloride as NaCl		

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Chemical Testing - Minerals and Fertilizers	Gypsum	Silicon dioxide as SiO ₂	SGS/MIN/SOP/008 (Based on ASTM C25)	
		Iron as Fe ₂ O ₃	SGS/MIN/SOP/009 (Based on ASTM C25)	
		Aluminum as Al ₂ O ₃	SGS/MIN/SOP/009 (Based on ASTM C25)	
	Phosphatic Fertilizers	Total Phosphorus as P ₂ O ₅	AOAC 962.02, 21st Edition, 2019.	
		Water soluble Phosphorus as P ₂ O ₅	AOAC 962.03, 21st Edition, 2019.	
		Total Nitrogen (N)	AOAC 955.04, 21st Edition, 2019.	
		Ammoniacal Nitrogen (N)	AOAC 920.03, 21st Edition, 2019.	
	Nitrogenous Fertilizers	Total Nitrogen (N)	AOAC 955.04, 21st Edition, 2019.	
		Moisture	AOAC 972.01, 21st Edition, 2019.	
		Biuret	AOAC 960.04, 21st Edition, 2019.	
	Heavy Metals	Arsenic as As	SGS/MIN/SOP/021 (Based on AOAC 986.15)	
		Cadmium as Cd	SGS/MIN/SOP/022 (Based on AOAC 986.15)	
		Lead as Pb	SGS/MIN/SOP/022 (Based on AOAC 986.15)	
		Chromium as Cr	SGS/MIN/SOP/023 (Based on AOAC 986.15)	
		Mercury as Hg	SGS/MIN/SOP/024 (Based on AOAC 986.15)	

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Chemical Testing- Construction Materials	Cement and Cement Clinker/Slags	Silicon dioxide (SiO ₂)	ASTM C 114-18	
		Aluminium Oxide (Al ₂ O ₃)	ASTM C 114-18	
		Ferric Oxide (Fe ₂ O ₃)	ASTM C 114-18	
		Calcium Oxide (CaO)/Gravimetric	ASTM C 114-18	
		Magnesium Oxide (MgO)/Gravimetric	ASTM C 114-18	
		Sulphur trioxide (SO ₃)	ASTM C 114-18	
		Loss on Ignition (LOI)	ASTM C 114-18	
		Titanium dioxide (TiO ₂)/Photometric (UV)	ASTM C 114-18	
		Phosphorus pentoxide (P ₂ O ₅) /Volumetric	ASTM C 114-18	
		Chloride (Cl)	ASTM C 114-18	
		Insoluble Residue (IR)	ASTM C 114-18	

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

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