

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



ACCREDITATION CERTIFICATE
Testing Laboratory
No. ATL 0076
Element Saudi Arabia Company Limited

Dammam 2nd Industrial City - Cross Section 76 & 27, PO Box 31775, Dammam, Kingdom of Saudi Arabia

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"

A laboratory's fulfillment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results. The management system requirements in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001 (refer to joint ISO-ILAC-IAF communiqué, April 2017).

This accreditation demonstrates technical competence for a defined scope, as detailed in and at the locations specified in the scope of accreditation, the accreditation scope to this certificate is an essential accreditation document and from time to time may be revised and reissued by the GCC Accreditation Center. The most recent issue of the scope of accreditation which bears the same accreditation number as this certificate, is available from the GAC website www.gcc-accreditation.org

The accreditation is subject to continuing conformity with GAC Accreditation requirements and the status of accreditation can be checked in the GAC's website to confirm the validity of this accreditation.

Issue Date:

18th July 2019

Internal project number: AC 0030-3
Initial Accreditation Date: 18-07-2019

Director General, GCC Accreditation Center.



10.6 Scope of Accreditation

Issue No: 03/ Issue Date: 5th September 2021
File Manager: Atta Subhan



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ISO/IEC 17025:2017
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Testing Laboratory Accreditation No. ATL 0076

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Element Saudi Arabia Company Limited	
Address. Dammam 2nd Industrial City - Cross Section 76 & 27, PO Box 31775 Dammam, Kingdom of Saudi Arabia	Contact Person: Mr. Adrian Pettitt Tel: +966 3 8127750 Fax: Email: Adrian.Pettitt@element.com Web Address: www.element.com

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

1- **address:** Dammam 2nd Industrial City - Cross Section 76 & 27, PO Box 31775, Dammam, Kingdom of Saudi Arabia

For the following scope:

10.6 Scope of Accreditation

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Scope:

7. Chemical Testing:

7.65.01 Industrial Emissions

8. Biological Testing

8.11 Microbiological tests on food & environmental samples

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	Stack Emission	Oxide of Nitrogen (as NO ₂)	EMT-M-OP-SA-MD001 by Gases by Instrumental Technique based on - US EPA Method 7E: May 2018	
		Sulphur Dioxide	EMT-M-OP-SA-MD001 by Gases by Instrumental Technique based on - US EPA Method 6C: Sep 2017	
		Carbon Monoxide	EMT-M-OP-SA-MD001 by Gases by Instrumental Technique based on - US EPA Method 10: Sep 2017	
		Carbon Dioxide	EMT-M-OP-SA-MD001 by Gases by Instrumental Technique based on - US EPA Method 3A: Sep 2017	
		Oxygen	EMT-M-OP-SA-MD001 by Gases by Instrumental Technique based on - US EPA Method 3A: Sep 2017	
		Total Particulate Matter	EMT-M-OP-SA-MD003 by Isokinetic method based on US EPA Method 5: –Aug 2015	

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Microbiological Testing	Water	Heterotrophic Plate Count (HPC)	APHA 9215B, 23 rd Edition, Pour plate technique	
		Total Coliforms and Escherichia Coli	APHA 9223B 23 rd Edition - by IDEXX Colilert Quanti-Tray Method	
		Enumeration of Total Coliform	APHA 9222B 23 rd Edition	
		Enumeration of Thermotolerant Coliforms (Fecal Coliforms)	APHA 9222D 23 rd Edition	
		Total Coliforms by MPN	APHA 9221B 23 rd Edition	
		Fecal coliforms by MPN	APHA 9221E 23 rd Edition	
		E. coli by MPN	APHA 9221F 23 rd Edition	
		Enumeration of Faecal Streptococci & Enterococci	BS EN ISO 7899-2:2000	
		Enumeration of Pseudomonas Aeruginosa	BS EN ISO 16266:2008	
		Detection and Enumeration of Legionella	ISO 11731:2017 Matrix A Procedure 5, 7 Matrix B Procedure 8,9,10	
Enumeration of Yeast and Mould	MFHPB-22:2004			

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		Enumeration of Sulphate Reducing Bacteria	ASTM D4412-19 (MPN technique)	
		Detection and Estimation of Sulphate Reducing Bacteria	EMT-M-OP-EN-MD012A SRB BART Method	
		Clostridium perfringens	Standing Committee of Analysts – The Microbiological of Drinking Water Part 6 Method C	
	Food & Environmental Samples/water	Enumeration of Staphylococcus aureus	CCFRA 3.5.1 - 5 th Edition 2007	
		Detection of Salmonella Species- Cultural Method	CCFRA 3.1.2; CCFRA 3.1.5 - 5 th Edition 2007	
		Detection of Vibrio cholera and vibrio parahaemolyticus	CCFRA 3.8.1 - 5 th Edition 2007	
		Standard Plate Count (Total Viable Count)	CCFRA 1.1.1, - 5 th Edition 2007	
		Enumeration of Coliforms: Colony Count Technique	CCFRA 2.2.1, - 5 th Edition 2007	
		Enumeration of Bacillus cereus - Colony Count Technique	CCFRA 3.7.1, - 5 th Edition 2007	
		Enumeration of Enterobacteriaceae:	CCFRA 2.3.1 - 5 th Edition 2007 Colony Count Technique	

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Food & Environmental Samples	Detection of <i>Listeria monocytogenes</i> and other <i>Listeria</i> Species	CCFRA 3.2.4, 5th Edition	
	<i>Clostridium perfringens</i>	CCFRA 3.6.1 - 5 th Edition 2007 Colony count technique	
	Enumeration of Yeast and Mould	MFHPB-22-2004	
	Enumeration of <i>Escherichia coli</i> . 3M Petrifilm <i>E. coli</i> Count Plate Method	3M Petrifilm	
	Enumeration of Aerobic Colony Count	3M Petrifilm method, AOAC OMA 990.12	
	Enumeration of Coliforms	3M Petrifilm method, AOAC OMA 991.14	
	Enumeration of Yeast & Moulds	3M Petrifilm method, AOAC OMA 997.02	
	Enumeration of <i>S. aureus</i>	3M Petrifilm method, AOAC OMA 2003.7, 2003.8 & 2003.11	
	Enumeration of Enterobacteriaceae	3M Petrifilm method, AOAC OMA 2003.01	

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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.

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