

10.6 Scope of Accreditation

Issue No:02/ Issue Date: 22-01-2019
 Accreditation Manager: Atta Subhan



Testing Laboratory Accreditation No. ATL 0023

is accredited by the GCC Accreditation Center (GAC) in accordance with the recognized International Standard ISO/IEC 17025:2005, “General requirements for the competence of testing and calibration laboratories”

Al Futtaim Element Materials Technology Dubai LLC – Laboratory (Formerly Al-Futtaim Exova LLC)	
Issue No: 02	Issue Date: 22-01-2019
Address. Al Futtaim Element Material Technology, Plot 598-221 Dubai Investment Park, Jebel Ali P.O. Box 34924 Dubai, United Arab Emirates	Contact: Ms. Jeneiliza Gayoba Tel: 00971 4 885 1001 Email: jeneiliza.gayoba@element.com Web Address: www.element.com

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

1- address: Plot 598-221 Dubai Investment Park, Jebel Ali P.O. Box 34924, Dubai, United Arab Emirates
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For the following scope:

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Scope:

7. Chemical Testing:

7.81 Constituents of the environment

8. Biological Testing

8.11 Microbiological tests on foods

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
Chemical Testing	Waters	Determination of "Total" Metals including: Aluminium Antimony Arsenic Barium Beryllium Boron Cadmium Calcium Cobalt Copper Chromium Iron Lead Lithium Magnesium Manganese Molybdenum Nickel Phosphorus Potassium Selenium	APHA 3030, 23rd edition , APHA 3120B, 23rd edition APHA 3125, 23rd edition Documented In-house method EMT-M-OP-CH-DXB-MD106A EMT -M-OP-CH-DXB-MD106B EMT -M-OP-CH-DXB-MD106C EMT -M-OP-CH-DXB-MD106D

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		Silicon Sodium Silver Strontium Thallium Tin Titanium Uranium Vanadium Zinc	
Chemical Testing	Waters	Volatile Organic Compounds (VOC's) Dichlorodifluoromethane Chloromethane Vinyl chloride Bromomethane Chloroethane Trichlorofluoromethane 1,1- Dichloroethene Methylene Chloride Trans-1,2 Dichloroethene 1,1 Dichloroethane Cis-1,2-Dichloroethene 2,2-Dichloropropene Bromochloromethane	US EPA 8260B Rev 2 Dec 96, US EPA 5021A Rev 2 Jul 14, Documented In-house method EMT -M-OP-CH-DXB-MD404A

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		Chloroform Carbon Tetrachloride 1,1,1- Trichloroethane 1,1 Dichloropropene 1,2-Dichloroethane Trichloroethene 1,2-Dichloropropane Bromodichloromethane Dibromomethane Cis-1,3-Dichloropropene Toluene Trans-1,3-Dichloropropene 1,1,2- Trichloroethane Tetrachloroethene Chlorodibromomethane MTBE TAME 1,2-Dibromoethane 1,3-Dichloropropane Ethylbenzene 1,1,1,2- Tetrachloroethane Chlorobenzene m, p-Xylene o-Xylene Bromoform	
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		Styrene Isopropylbenzene Bromobenzene n-Propyl benzene 1,1,2,2-Tetrachloroethane 1,2,3- Trichloropropane 1,3,5- Trimethylbenzene 2-Chlorotoluene 4- Chlorotoluene tert-Butylbenzene 1,2,4- Trimethylbenzene sec-Butylbenzene p-Isopropyltoluene 1,3- Dichlorobenzene 1,4-Dichlorobenzene n-butyl benzene 1,2-Dichlorobenzene 1,2-Dibromo-3-Chloropropane 1,2,4- Trichlorobenzene Hexachlorobutadiene Naphthalene 1,2,3- Trichlorobenzene	
Chemical Testing	Waters	BTEX Benzene	US EPA 8260B Rev 2 Dec 96 US EPA 5021A Rev 2 Jul 14

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		Toluene Ethylbenzene o-Xylene p-Xylene m-Xylene	Documented In-house method EMT-M-OP-CH-DXB-MD408
Chemical Testing	Potable Waters	Organochlorine Pesticides(OCP) Alpha BHC Beta BHC Aldrin Heptachlor Heptachlor Epoxide Alpha Endosulfan p,p'-DDE Dieldrin Endrin Endrin Ketone p,p'-DDD Beta Endosulfan Endrin Aldehyde Endosulfan Sulphate p,p'-DDT Methoxychlor Lindane Delta-BHC	US EPA 8081B Rev 2 Feb 07 US EPA 608: 1984 Documented In-house method EMT -M-OP-CH-DXB-MD402

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		Chlordane (Cis &Trans)	
Chemical Testing	Waters, Soil & Sand	Polycyclic Aromatic Hydrocarbon (PAH) Naphthalene Acenaphthylene Acenaphthene Fluorene Phenanthrene Anthracene Fluoranthene Pyrene Benzo(a)anthracene Chrysene Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(a)pyrene Indeno(1,2,3-c,d)pyrene Dibenz(a,h)anthracene Benzo(g,h,i)perylene	US EPA 8270D Rev 5 Jul14, Documented Inhouse method EMT-M-OP-CH-DXB-MD403
Chemical Testing	Waters, Soil & Sand	Total Petroleum Hydrocarbons (TPH)	US EPA 8015C Rev 3 Feb 07, Documented In-house method EMT-M-OP-CH-DXB-MD401
		Volatile Petroleum Hydrocarbons C5-C10 (VPH)	US EPA 8015B Rev 2 Dec 96 Documented In-house method EMT-M-OP-CH-DXB-MD405

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		Extractable Petroleum Hydrocarbons (EPH) C10-C40	US EPA 8015C Rev 3 Feb 07, Documented In-house method EMT-M-OP-CH-DXB-MD401
Chemical Testing	Soils & Sand	Volatile Organic Compounds (VOC's) Dichlorodifluoromethane Chloromethane Vinyl chloride Bromomethane Chloroethane Trichlorofluoromethane 1,1- Dichloroethene Methylene Chloride Trans-1,2 Dichloroethene 1,1 Dichloroethane Cis-1,2-Dichloroethene 2,2-Dichloropropene Bromochloromethane Chloroform Carbon Tetrachloride 1,1,1- Trichloroethane 1,1 Dichloropropene Benzene 1,2-Dichloroethane Trichloroethene	US EPA 5021A Rev 2 Jul 14 US EPA 8260B Rev 2 Dec 96 Documented In-house method EMT-M-OP-CH-DXB-MD404B

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		1,2-Dichloropropane Bromodichloromethane Dibromomethane Cis-1,3-Dichloropropene Toluene Trans-1,3-Dichloropropene 1,1,2- Trichloroethane Tetrachloroethene Chlorodibromomethane 1,3-Dichloropropane Ethylbenzene 1,1,1,2- Tetrachloroethane 1,2-Dibromoethane Chlorobenzene m, p-Xylene o-Xylene Bromoform Styrene Isopropylbenzene Bromobenzene n-Propyl benzene 1,1,2,2-Tetrachloroethane 1,2,3- Trichloropropane 1,3,5- Trimethylbenzene 2-Chlorotoluene	
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		4- Chlorotoluene tert-Butylbenzene 1,2,4- Trimethylbenzene sec-Butylbenzene p-Isopropyltoluene 1,3- Dichlorobenzene 1,4-Dichlorobenzene n-butyl benzene 1,2-Dichlorobenzene 1,2-Dibromo-3-Chloropropane 1,2,4- Trichlorobenzene Hexachlorobutadiene Naphthalene 1,2,3- Trichlorobenzene	
Chemical Testing	Soils & Sand	BTEX Benzene Toluene Ethylbenzene o-Xylene p-Xylene m-Xylene	US EPA 8260B Rev 2 Dec 96 US EPA 5021A Rev 2 Jul 14 Documented In-house method EMT-M-OP-CH-DXB-MD408
Chemical Testing	Sediments, Sludge's and Soils	Determination of "Total" Metals including: Aluminium Antimony	APHA 3120B, 23rd edition APHA 3050B, 23rd edition

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		Arsenic Barium Beryllium Boron Cadmium Cobalt Copper Chromium Iron Lead Magnesium Manganese Molybdenum Nickel Phosphorus Potassium Selenium Silicon Sodium Silver Strontium Thallium Tin Vanadium Zinc	Documented In-house method EMT-M-OP-CH-DXB-MD112
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Biological Testing (Microbiology)	Water/Wastewater	Total Bacterial count (Heterotrophic Plate count)	APHA 9215B, 23 rd edition
		Total Coliform	APHA 9222B, 23 rd edition
		Total Coliform	APHA 9223B, 23 rd edition
		E. coli	APHA 9223B, 23 rd edition
		Fecal Coliform	APHA 9222D, 23 rd edition
		Fecal Streptococci	BS EN ISO 7899-2:2000
		Enterococci	ASTM D6503:2014
		Enterococci	APHA 9230D, 23 rd edition
	Water (Raw, Potable, Process)	Detection and Enumeration of Legionella Species	ISO 11731:2017
		Food and Water	Yeast
	Moulds		MFHPB 22:2004
	Pseudomonas Species		CCFRA 2.5.1:2003
	Pseudomonas Aeruginosa		CCFRA 2.5.2:2003
	Staphylococcus Aureus		CCFRA 3.5.1:2007
	Detection of Salmonella		CCFRA 3.1.2:2007
	Confirmation of Salmonella		CCFRA 3.1.5:2007
	Food		Total Bacterial Count
		E.coli	CCFRA 2.4.4:2007
		Bacillus Cereus	CCFRA 3.7.1:2007
		Detection of Vibrio cholerae	CCFRA 3.8.1:2007
Detection of Vibrio parahaemolyticus		CCFRA 3.8.1:2007	

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		Enumeration of Enterobacteriaceae	CCFRA 2.3.1:2007
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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.

END

This laboratory 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