Accreditation Scope

Al Futtaim Element Material Technology Dubai L.L.C (NAL 056) Testing Laboratory, (ISO/IEC 17025:2017)

Dubai Investments Park – Dubai Country

Issue Date: 22-02-2022 **Expiry Date: 21-02-2025**

Issue No: 05

Testing Field	Materials/ Products tested	Type of test/ Test parameter/ Properties measured/Range of measurement	Test Method (Standard, Internal Procedure, Technique)	Permanent lab (P) / Client-site (S)
Chemical	Water	Determination of "Total" Metals including: Aluminium, Antimony, Arsenic Barium, Beryllium, Boron Cadmium, Calcium, Cobalt, Copper, Chromium Iron, Lead, Lithium Magnesium, Manganese, Molybdenum, Mercury Nickel, Phosphorus, Potassium Selenium, Silicon, Sodium, Silver, Strontium Thallium, Tin, Titanium, Uranium, Vanadium, Zinc	APHA 3030, 23rd edition APHA 3120B, 23rd edition APHA 3125, 23rd edition Documented in-house method EMT-M-OP-CH-DXB-MD106A Iss6, Oct19 EMT-M-OP-CH-DXB-MD106B Iss9, Mar22 EMT-M-OP-CH-DXB-MD106C Iss5, Mar22 EMT-M-OP-CH-DXB-MD106D Iss7, Mar22	P
		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-Dichloropropane Bromochloromethane Chloroform	US EPA 8260D Rev4 Jun 2018 US EPA 5021A Rev 2 Jul 2014 Documented in-house method EMT-M-OP-CH-DXB-MD404A Iss8, Mar22	

Uncontrolled if Printed

Abu Dhabi, Dubai, United Arab Emirates الإمارات العربية المتحدة ،أبوظبي ،دبي | **P.O.BOX** 48666 ص.ب. **TEL** 600565554 هاتف

www.moiat.gov.ae

Accreditation Scope

Al Futtaim Element Material Technology Dubai L.L.C (NAL 056) Testing Laboratory, (ISO/IEC 17025:2017)

Dubai Investments Park – Dubai Country

Issue Date: 22-02-2022 **Expiry Date: 21-02-2025**

Issue No: 05

Testing Field	Materials/ Products tested	Type of test/ Test parameter/ Properties measured/Range of measurement	Test Method (Standard, Internal Procedure, Technique)	Permanent lab (P) / Client-site (S)
Chemical	Water	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 Styrene	US EPA 8260D Rev4 Jun 2018 US EPA 5021A Rev2 Jul 2014 Documented in-house method EMT-M-OP-CH-DXB-MD404A Iss8, Mar22	P

Uncontrolled if Printed

Abu Dhabi, Dubai, United Arab Emirates الإمارات العربية المتحدة، أبوظبي، دبي | **P.O.BOX** 48666 ص.ب. **TEL** 600565554 هاتف

www.moiat.gov.ae

Accreditation Scope

Al Futtaim Element Material Technology Dubai L.L.C (NAL 056) Testing Laboratory, (ISO/IEC 17025:2017)

Dubai Investments Park – Dubai Country

Issue Date: 22-02-2022 **Expiry Date: 21-02-2025**

Issue No: 05

Testing Field	Materials/ Products tested	Type of test/ Test parameter/ Properties measured/Range of measurement	Test Method (Standard, Internal Procedure, Technique)	Permanent lab (P) / Client-site (S)
Chemical	Water	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	US EPA 8260D Rev4 Jun 2018 US EPA 5021A Rev2 Jul 2014 Documented in-house method EMT-M-OP-CH-DXB-MD404A Iss8, Mar22	P
		BTEX, Benzene, Toluene, Ethylbenzene o-Xylene p-Xylene m-Xylene	US EPA 8260D Rev4 Jun 2018 US EPA 5021A Rev2 Jul 2014 Documented in-house method EMT-M-OP-CH-DXB-MD408 Iss5, Oct19	

Uncontrolled If Printed

Abu Dhabi, Dubai, United Arab Emirates الإمارات العربية المتحدة، أبوظبي، دبي | **P.O.BOX** 48666 ص.ب. **TEL** 600565554 هاتف

www.moiat.gov.ae

Accreditation Scope

Al Futtaim Element Material Technology Dubai L.L.C (NAL 056) Testing Laboratory, (ISO/IEC 17025:2017)

Dubai Investments Park – Dubai Country

Issue Date: 22-02-2022 **Expiry Date: 21-02-2025**

Issue No: 05

Testing Field	Materials/ Products tested	Type of test/ Test parameter/ Properties measured/Range of measurement	Test Method (Standard, Internal Procedure, Technique)	Permanent lab (P) / Client-site (S)
Chemical	Potable Water	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 Chlordane (Cis &Trans)	US EPA 8081B Rev2 Feb 2007 US EPA 608:1984 Documented in-house method EMT-M-OP-CH-DXB-MD402 Iss9, Nov20	P
	Water, Soil and Sand	Polycylic Aromatic Hydrocarbon (PAH) Naphthalene Acenaphthylene Acenaphthene Fluorene Phenanthrene Anthracene Fluoranthene Pyrene Benzo(a)anthracene Chrysene	US EPA 8270D Rev5 Jul 2014 EPA Method 625:1984 Documented In house method EMT-M-OP-CH-DXB-MD403 Iss10, Oct19	

Uncontrolled If Printed

Abu Dhabi, Dubai, United Arab Emirates الإمارات العربية المتحدة ,أبوظبي، دبي | **P.O.BOX** 48666 ص.ب. **TEL** 600565554 هاتف

www.moiat.gov.ae

Accreditation Scope

Al Futtaim Element Material Technology Dubai L.L.C (NAL 056) Testing Laboratory, (ISO/IEC 17025:2017)

Dubai Investments Park – Dubai Country

Issue Date: 22-02-2022 **Expiry Date: 21-02-2025**

Issue No: 05

Testing Field	Materials/ Products tested	Type of test/ Test parameter/ Properties measured/Range of measurement	Test Method (Standard, Internal Procedure, Technique)	Permanent lab (P) / Client-site (S)
Chemical	Water, Soil and Sand	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 Rev5 Jul 2014 EPA Method 625:1984 Documented in house method EMT-M-OP-CH-DXB-MD403 Iss10, Oct19	P
		Total Petroleum Hydrocarbons (TPH)	US EPA 8015C Rev3 Feb 2007 US EPA 3550C Rev3 Feb 2007 Documented in-house method EMT-M-OP-CH-DXB-MD401 Iss11, Aug20	
		Volatile Petroleum Hydrocarbons C5-C10 (VPH)	US EPA 8015D Rev4 Jun 2003 EMT-M-OP-CH-DXB-MD405 Iss8, Mar22	
		Extractable Petroleum Hydrocarbons (EPH) C10-C40	US EPA 8015C Rev3 Feb 2007 US EPA 3550C Rev3 Feb 2007 Documented in-house method EMT-M-OP-CH-DXB-MD401 Iss11, Aug20	
	Soil and Sand	Volatile Organic Compounds (VOC's) Dichlorodifluoromethane Chloromethane Vinyl chloride Bromomethane Chloroethane Trichlorofluoromethane 1,1- Dichloroethene Methylene Chloride	US EPA 5021A Rev2 Jul 2014 US EPA 8260D Rev4 Jun 2018 Documented in-house method EMT-M-OP-CH-DXB-MD404B Iss8, Mar22	

Uncontrolled if printed

Abu Dhabi, Dubai, United Arab Emirates الإمارات العربية المتحدة، أبوظبي، دبي | **P.O.BOX** 48666 ص.ب. **TEL** 600565554 هاتف

www.moiat.gov.ae

Accreditation Scope

Al Futtaim Element Material Technology Dubai L.L.C (NAL 056) Testing Laboratory, (ISO/IEC 17025:2017)

Dubai Investments Park – Dubai Country

Issue Date: 22-02-2022 **Expiry Date: 21-02-2025**

Issue No: 05

Testing Field	Materials/ Products tested	Type of test/ Test parameter/ Properties measured/Range of measurement	Test Method (Standard, Internal Procedure, Technique)	Permanent lab (P) / Client-site (S)
Chemical	Soil and Sand	Trans-1,2 Dichloroethene 1,1 Dichloroethane Cis-1,2-Dichloroethene 2,2-Dichloropropane Bromochloromethane Chloroform Carbon Tetrachloride 1,1,1- Trichloroethane 1,1 Dichloropropene Benzene 1,2-Dichloroethane Trichloroethene 1,2-Dichloropropane Bromodichloromethane Dibromomethane Cis-1,3-Dichloropropene Toluene Trans-1,3-Dichloropropene 1,1,2- Trichloroethane Tetrachloroethene Chlorodibromomethane 1,3-Dichloropropane Ethybenzene 1,1,1,2- Tetrachloroethane 1,2-Dibromoethane Chlorobenzene m, p-Xylene o-Xylene Bromoform Styrene	US EPA 5021A Rev2 Jul 2014 US EPA 8260D Rev4 Jun 2018 Documented In-house method EMT-M-OP-CH-DXB-MD404B Iss8, Mar22	P

Uncontrolled if Printed

Abu Dhabi, Dubai, United Arab Emirates الإمارات العربية المتحدة ،أبوظبي ،دبي | **P.O.BOX** 48666 ص.ب. **TEL** 600565554 هاتف

www.moiat.gov.ae

Accreditation Scope

Al Futtaim Element Material Technology Dubai L.L.C (NAL 056) Testing Laboratory, (ISO/IEC 17025:2017)

Dubai Investments Park – Dubai Country

Issue Date: 22-02-2022 **Expiry Date: 21-02-2025**

Issue No: 05

Testing Field	Materials/ Products tested	Type of test/ Test parameter/ Properties measured/Range of measurement	Test Method (Standard, Internal Procedure, Technique)	Permanent lab (P) / Client-site (S)
Chemical	Soils and Sand	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 TAME, MTBE	US EPA 5021A Rev2 Jul 2014 US EPA 8260D Rev4 Jun 2018 Documented In-house method EMT-M-OP-CH-DXB-MD404B Iss8, Mar22	P
		BTEX Benzene, Toluene, Ethylbenzene o-Xylene p-Xylene m-Xylene	US EPA 5021A Rev2 Jul 2014 US EPA 8260D Rev4 Jun 2018 Documented in-house method EMT-M-OP-CH-DXB-MD408 Iss5, Oct19	

Uncontrolled If Printed

Abu Dhabi, Dubai, United Arab Emirates الإمارات العربية المتحدة، أبوظبي، دبي | **P.O.BOX** 48666 ص.ب. **TEL** 600565554 هاتف

www.moiat.gov.ae

Accreditation Scope

Al Futtaim Element Material Technology Dubai L.L.C (NAL 056) Testing Laboratory, (ISO/IEC 17025:2017)

Dubai Investments Park – Dubai Country

Issue Date: 22-02-2022 **Expiry Date: 21-02-2025**

Issue No: 05

Testing Field	Materials/ Products tested	Type of test/ Test parameter/ Properties measured/Range of measurement	Test Method (Standard, Internal Procedure, Technique)	Permanent lab (P) / Client-site (S)
Chemical	Sediments, Sludge and Soil	Determination of "Total" Metals including: Aluminium, Antimony, Arsenic Barium, Beryllium, Boron Cadmium, Calcium, Cobalt, Copper, Chromium Iron, Lead, Magnesium, Manganese, Molybdenum Nickel, Phosphorus, Potassium Selenium, Sodium, Silver, Strontium Thallium, Tin, Titanium, Vanadium, Zinc	APHA 3120B, 23rd Edition US EPA 3050 Rev 2 Dec 1996 Documented in-house method EMT-M-OP-CH-DXB-MD112 Iss8, Mar22	P
Microbiological	Water/Waste Water	Total Bacterial count (Heterotrophic Plate count)	APHA 9215B, 23rd edition	P
		Total Coliform	APHA 9222B, 23rd edition	
		Total Coliform	APHA 9223B, 23rd edition	
		E. coli	APHA 9223B, 23rd edition	
		Fecal Coliform	APHA 9222D, 23rd edition	
		Fecal Streptococci	BS EN ISO 7899-2:2000	
		Enterococci	APHA 9230D, 23rd edition	
	Water (Raw, Potable, Process)	Detection and Enumeration of Legionella	ISO 11731:2017	
	Food	Total Bacterial Count	ISO 4833-1:2013 & A1:2022	

Uncontrolled if Printed

Abu Dhabi, Dubai, United Arab Emirates الإمارات العربية المتحدة، أبوظبي، دبي | **P.O.BOX** 48666 ص.ب. **TEL** 600565554 هاتف

www.moiat.gov.ae

Accreditation Scope

Al Futtaim Element Material Technology Dubai L.L.C (NAL 056) Testing Laboratory, (ISO/IEC 17025:2017)

Dubai Investments Park – Dubai Country

Issue Date: 22-02-2022 **Expiry Date: 21-02-2025**

Issue No: 05

Testing Field	Materials/ Products tested	Type of test/ Test parameter/ Properties measured/Range of measurement	Test Method (Standard, Internal Procedure, Technique)	Permanent lab (P) / Client-site (S)
		E.coli	ISO 7251:2005	
		Bacillus Cereus (presumptive)	ISO 7932:2004 +A1:2020	
		Staphylococcus aureus	ISO 6888-1:2021	
		Detection of Salmonella	ISO 6579-1:2017+A1: 2020	
		Yeast	MFHPB 22: April 2018	
		Mould	MFHPB 22: April 2018	
		Detection of Vibrio cholerae	ISO 21872-1:2017	
		Detection of Vibrio parahaemolyticus	ISO 21872-1:2017	
		Enumeration of Enterobacteriaceae	ISO 21528-2:2017	
END				

Uncontrolled If Printed

Abu Dhabi, Dubai, United Arab Emirates الإمارات العربية المتحدة ،دبي ،أبوظبي | **P.O.BOX** 48666 **ص.ب.** **TEL** 600565554 **هاتف**

www.moiat.gov.ae