

## 10.6 Scope of Accreditation

Issue No: 02/ Issue Date: 02-April-2018  
Accreditation Manager: Hamza Khan

# Accreditation Withdrawn



ACCREDITED  
**TESTING**  
ISO/IEC 17025:2005  
No. ATL 0027

### Testing Laboratory Accreditation No. ATL 0027

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

Inspectorate International Limited - Laboratory	
Issue No: 02	Issue Date: 02-April-2018
Address. Plot TP 010407, Techno Park, Jebel Ali, P.O. Box 49400 Dubai, United Arab Emirates	Contact: Mr. Faheem Tahir Tel: +971 4 8998100 Email: <a href="mailto:Faheem.tahir@inspectorate.com">Faheem.tahir@inspectorate.com</a> Web Address: <a href="http://www.inspectorate.com">www.inspectorate.com</a>

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

1- **address:** Plot TP 010407, Techno Park, Jebel Ali, P.O. Box 49400 Dubai, United Arab Emirates

#### **For the following scope:**

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### Scope:

#### 8. Biological Testing:

- 8.11 Microbiological tests on foods
- 8.70 Waters, including effluents

#### 7. Chemical Testing:

- 7.16 Fuels
- 7.51 Foods
- 7.65 Air
- 7.66 Waters

#### 60. Halal Testing:

- 60.02.08 Genetically modified organisms (GMO)
- 60.03 Cosmetics

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Scope details are as follows:

TEST CATEGORY	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS / PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED	SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED
Chemical Testing Oil & Petroleum	Transformer oil	Dissolved Gas Analysis(DGA)	ASTM D3612 - 02(2017)
		Moisture	ASTM D1533 - 12
		Dielectric Break Down Voltage	IEC 60156
	Diesel /Fuel oil	Flash Point(Auto)	ASTM D93- 16a
		Total Sulphur	ASTM D4294 - 16e1
	Petroleum Distillate	Density	ASTM D4052 - 16
		Pour Point	ASTM D97 - 17b
		Colour	ASTM D1500 - 12(2017)
	Fuel Oil	Metals	IP 501
	OCM analysis for used lube oil	Kinematic Viscosity	ASTM D445 - 17a
Wear Metal		ASTM D5185 - 13e1	
Total Base Number		ASTM D4739 - 17	
Chemical Testing Food	Food & Feed Products	Moisture	In House Method LSI No 093 based on AOAC methods
		Ash	In House Method LSI No 091 based on AOAC methods
		Protein	In House Method LSI No 090 based on BS ISO 1871:2009 & AOAC methods

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		Fat	In House Method LSI No 095 based on BS EN ISO 659:2009 & AOAC methods
		Carbohydrates	AOAC Method 986.25(E)
		Energy	In House Method LSI No 092 based on USDA's National Nutrient Data Bank
		Sodium	In House Method LSI No 080 based on AOAC methods (ICP-OES)
		Phosphate	In House Method LSI No 081 based on AOAC methods (ICP-OES)
	Oil & Fats	Free Fatty Acid	ISO 660 : 2009
		Peroxide Value	ISO 3961 : 2013
		Lovibond Colour	ISO 15305 : 1998
		FAMES	AOAC 969.33 & AOAC 963.22
Chemical Testing Waters	Water & Wastewater	pH	APHA 4500 H+B, 23 <sup>rd</sup> edition, 2017
		Conductivity	APHA 2510, 23 <sup>rd</sup> edition, 2017
		Total Suspended Solids, TSS	APHA 2540 D, 23 <sup>rd</sup> edition, 2017
		Total Dissolved Solids, TDS	APHA 2540 C, 23 <sup>rd</sup> edition, 2017
		Chloride, Cl	APHA 4500 Cl, 23 <sup>rd</sup> edition, 2017 / HACH8113
		Sulphate, SO <sub>4</sub>	APHA 4500 SO <sub>4</sub> C, 23 <sup>rd</sup> edition, 2017 & E /HACH 8051
		Total Hardness	APHA 2340 B, 23 <sup>rd</sup> edition, 2017
		Total Alkalinity	APHA 2320 B, 23 <sup>rd</sup> edition, 2017
		Oil & Grease	APHA 5520 B, 23 <sup>rd</sup> edition, 2017
		Chemical Oxygen Demand, COD	APHA 5220 D, 23 <sup>rd</sup> edition, 2017

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**GAC**

مركز الإعتدال الخليجي  
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		Bio Chemical Oxygen Demand	In-house LSI069 based on APHA 5210D <a href="#">23rd Edition</a> Hach manual <a href="#">Rev 5 7/98</a>
		<u>Anions by Ion Chromatograph</u> 1. Fluoride 2. Chloride 3. Nitrate 4. Nitrite 5. Bromide 6. Phosphate 7. Sulphate	APHA 4110B, <a href="#">23<sup>rd</sup> edition, 2017</a> / EPA 300.1

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		<p><u>Metals by ICP-OES</u></p> <ol style="list-style-type: none"> <li>1. Aluminum</li> <li>2. Antimony</li> <li>3. Arsenic</li> <li>4. Barium</li> <li>5. Beryllium</li> <li>6. Boron</li> <li>7. Cadmium</li> <li>8. Calcium</li> <li>9. Chromium</li> <li>10. Cobalt</li> <li>11. Copper</li> <li>12. Iron</li> <li>13. Lead</li> <li>14. Lithium</li> <li>15. Manganese</li> <li>16. Magnesium</li> <li>17. Molybdenum</li> <li>18. Nickel</li> <li>19. Potassium</li> <li>20. Phosphorous</li> </ol>	<p>APHA 3120 B, <a href="#">23<sup>rd</sup> edition, 2017</a> / EPA 200.7</p>
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		21. Selenium 22. Silver 23. Silicon 24. Sodium 25. Strontium 26. Titanium 27. Vanadium 28. Zinc	
<b>Environmental Monitoring</b>	Indoor Air Quality	Total suspended Particulate Matter (TSPM) Respirable Suspended Particulate Matter (RSPM), PM10, PM7, PM4, PM2.5, PM1	BS EN 12341:1999
		Nitrogen Dioxide (NO <sub>2</sub> )	BS EN 60079-29-2:2015
		Sulphur Dioxide (SO <sub>2</sub> )	
		Carbon Monoxide (CO)	
		Carbon Dioxide (CO <sub>2</sub> )	
		Oxygen (O <sub>2</sub> )	
		Hydrogen Sulphide (H <sub>2</sub> S)	
		Formaldehyde (CH <sub>2</sub> O)	
		Ozone (O <sub>3</sub> )	
		Ammonia (NH <sub>3</sub> )	
		Total Volatile Organic Compound (TVOC)	
		Temperature	

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	Outdoor Air Quality	Relative Humidity	BS EN 60079-29-2:2015
		Nitrogen Dioxide (NO <sub>2</sub> )	
		Sulphur Dioxide (SO <sub>2</sub> )	
		Carbon Monoxide (CO)	
		Carbon Dioxide (CO <sub>2</sub> )	
		Oxygen (O <sub>2</sub> )	
		Hydrogen Sulphide (H <sub>2</sub> S)	
		Formaldehyde (CH <sub>2</sub> O)	
		Ozone (O <sub>3</sub> )	
		Ammonia (NH <sub>3</sub> )	
		Total Volatile Organic Compound (TVOC)	
		Temperature	
		Relative Humidity	
	Respirable Suspended Particulate Matter (RSPM-PM10,PM2.5)	USEPA- eCFR, Title 40: Part 50 and 53	
<b>Noise Monitoring</b>	Noise	Occupational Noise levels	ISO 1996-1:2017-07 & ISO 1996-2:2017-07
<b>Biological Testing – (Microbiological) -Environmental</b>	Indoor Air Quality	Total Bacterial Count	CMMEF Chapter 3, 5th Edition
	Indoor Air Quality	Yeast & Mould	CMMEF Chapter 3, 5th Edition
<b>Biological Testing – (Microbiological)</b>	Water & Wastewater	Total Bacterial Count/ Heterotrophic Plate count	APHA 9215 B, 23 <sup>rd</sup> edition, 2017
	Water & Wastewater	Total Coliform & Faecal Coliform	APHA 9222 B & D, 23 <sup>rd</sup> edition, 2017



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<b>Waters</b>	Water & Wastewater	Enterococci /Fecal Streptococci	APHA 9230 C, 23 <sup>rd</sup> edition, 2017
	Water & Wastewater	Sampling, Enumeration & Detection of Legionella	1.ISO 11731:2017 2. RT-PCR method
	Water & Wastewater	E.coli	APHA 9222D & 9225, 23 <sup>rd</sup> edition, 2017
<b>Biological Testing – (Microbiological) Food &amp; Environment</b>	Food &Swab	Aerobic plate count	USFDA BAM Chapt 3 Jan 2001 /CCFRA 1.1.1:2003
	Food &Swab	Enumeration of Coliforms	USFDA BAM Chapt 4 Jul 2017 ,CCFRA 2.2.1:2007
	Food &Swab	Enumeration and Detection of <i>E.coli</i>	USFDA BAM Chapt 4 Jul 2017
	Food &Swab	Enumeration of <i>Staphylococcus aureus</i>	USFDA BAM Chapt 12 Mar 2016
	Food &Swab	Enumeration of <i>Bacillus cereus</i>	USFDA BAM Chapt 14 Jan 2012
	Food &Swab	Detection & conformation of <i>Salmonella</i>	1. USFDA BAM Chapt 5 August 2016, CCFRA 3.1.2 & CCFRA 3.1.5:2007 2. RT-PCR method
	Food &Swab	Detection and Enumeration of <i>Vibrio parahaemolyticus</i>	USFDA BAM Chapt 9 May 2004/ CCFRA 3.8.2:2007
	Food &Swab	<i>E coli</i> O/157:H7	AOAC 2000.13 / AOAC 2000.14(Reveal kit method)
	Food & Swab	Enumeration and detection of <i>E.coli</i>	CCFRA 2.4.2:2007 Colony count method
<b>Halal Testing</b>	Food& Feed	Detection of GMO (Genetically Modified organisms)	RT PCR technique (Kit method)
	Food, Feed & Cosmetics	Detection of Pork species	RT PCR technique (Kit method)

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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

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