

10.6 Schedule of Accreditation

Issue No: 2/ Issue Date: 05/06/2017
Accreditation Manager: Atta Subhan



ACCREDITED
TESTING
ISO/IEC 17025:2005
No. ATL 0025

Testing Laboratory No. ATL 0025

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”

Qualitas Material Testing Laboratories	
Issue No: 2	Issue Date: 05/06/2017
Address. Qualitas Material Testing Laboratories PO Box: 9035, M-15, Plot No;21, Block C, Stores 7&8, Mussafah, Abu Dhabi, United Arab Emirates	Contact: Mrs. Anila George Tel: 00971 2 555 2928 Email: anila@qualitasme.com Web Address: www.qualitasme.com

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

1- address : M-15, Plot No; 21, Block C, Stores 7&8, Mussafah, Abu Dhabi, United Arab Emirates

For the following scope:

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Scope:

7. Chemical Testing:

7.16 Fuels

7.66 Waters

7.65 Air

8. Biological Testing

8.70 Waters, including effluents

Scope details are as follows:

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TEST CATEGORY	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED
Chemical Testing Physical Tests	Transformer Oil	Appearance	Visual QMTL-SOP-24 / ASTM E 2680 & D 4176
		Breakdown Voltage	ASTM D1816-12/ASTM D877-13/ IEC 60156-1995-07
		Moisture Content	IEC 60814-1997-08/ ASTM D 1533/12
		Dissipation Factor@ 90°C	IEC 60247-2004
		Resistivity @90°C	IEC 60247-2004
		Power Factor @ 100°C	ASTM D924/15
		Acid Number	ASTM D974/14
		Flash Point	ASTM D92/16b
		Density	ASTM D1298/12 ASTM D4052/16
		Colour	ASTM D1500/12
		Dissolved gas Analysis (DGA)	ASTM D3612C/02
		Interfacial tension	ASTM D971/12
		Pour Point	ASTM D97/17
		Total Sulphur	ASTM D4294/16
		Corrosive Sulphur	ASTM D1275 B/15

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Chemical Testing Physical Tests	Diesel	Appearance	Visual QMTL-SOP-24 / ASTM E 2680 & D 4176
		Colour	ASTM D1500/12
		Density/Specific Gravity	ASTM D1298/12 ASTM D4052/16
		Kinematic Viscosity@40°C	ASTM D445/17a
		Water Content	ASTM D95/13
		BS & Water	ASTM D2709/16
		Acid Number	ASTM D974/14
		Strong Acid Number	ASTM D974/14
		Flash Point	ASTM D93A/16a
		Total Sulphur	ASTM D4294/16
		Ash Content	ASTM D482/13
		Distillation	ASTM D86/16
		CCR	ASTM D189/06
		Cetane Index	ASTM D 4737/10 (2016)
		Calorific Value (Gross & net)	ASTM D 4868/17
		Pour Point	ASTM D97/17
		Cloud Point	ASTM D2500/16b

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Chemical Testing Physical Tests	Water / Wastewater	pH @ 25°C	APHA 4500H+B, 22 nd Edition 2012
		Oil & Grease	APHA 5520B, 22 nd Edition 2012
		Total Dissolved Solids	APHA 2540C, 22 nd Edition 2012
		Total Suspended Solids	APHA 2540 D, 22 nd Edition 2012
		Total Solids & Volatile Solids	APHA 2540G, 22 nd Edition 2012
		BOD	APHA 5210D, 22 nd Edition 2012
		COD	APHA 5220 D, 22 nd Edition 2012
		Conductivity at 25°C	APHA 2510B, 22 nd Edition 2012
		Odor	APHA 2150 A, 22 nd Edition 2012
		Color	APHA 2120B, 22 nd Edition 2012
		Turbidity	APHA 2130B, 22 nd Edition 2012
		Chloride Ion	APHA 4500 Cl-B, 22 nd Edition 2012
		Calcium	APHA 3500-Ca B, 22 nd Edition 2012
		Magnesium	APHA 3500-Mg B, 22 nd Edition 2012
		Total Hardness as (CaCO ₃)	APHA 2340-C, 22 nd Edition 2012
		Calcium Hardness	APHA 2340 B& C, 22 nd Edition 2012
		Total Alkalinity	APHA 2320-B, 22 nd Edition 2012
		Carbonates & Bicarbonates	APHA 2320-B, 22 nd Edition 2012
		Free Chlorine	APHA 4500 Cl, 22 nd Edition 2012



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		Cadmium	APHA 3120 B, 22 nd Edition 2012
		Chromium	APHA 3120 B, 22 nd Edition 2012
		Cobalt	APHA 3120 B, 22 nd Edition 2012
		Copper	APHA 3120 B, 22 nd Edition 2012
		Iron	APHA 3120 B, 22 nd Edition 2012
		Lead	APHA 3120 B, 22 nd Edition 2012
		Manganese	APHA 3120 B, 22 nd Edition 2012
		Nickel	APHA 3120 B, 22 nd Edition 2012
		Silver	APHA 3120 B, 22 nd Edition 2012
		Zinc	APHA 3120 B, 22 nd Edition 2012
		Calcium	APHA 3120 B, 22 nd Edition 2012
		Magnesium	APHA 3120 B, 22 nd Edition 2012
		Sodium	APHA 3120 B, 22 nd Edition 2012
Chemical Testing (Environmental)	Clean Room Validation	Clean Room Validation - Airflow velocity	ISO 14644-1:2015, ISO 14644-2:2015, ISO 14644-3:2005
		Differential pressure test - (Containment leak/ Air pressure difference measurement)	ISO 14644-1:2015, ISO 14644-2:2015, ISO 14644-3:2005
		Filter Integrity (Installed filter Leakage)	ISO 14644-1:2015, ISO 14644-2:2015, ISO 14644-3:2005
		Airflow direction and visualization	ISO 14644-1:2015, ISO 14644-2:2015, ISO 14644-3:2005

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Chemical Testing (Environmental)	Clean Room Validation	Airborne particle count for classification and test measurement	ISO 14644-1:2015, ISO 14644-2:2015, ISO 14644-3:2005
		Air Volume	ISO 14644-1:2015, ISO 14644-2:2015, ISO 14644-3:2005
		Temperature	ISO 7726:1998
		Humidity	ISO 7726:1998
		Occupational Noise level	ISO 1996-1:2016
		Illuminance (Lx)	BS EN 12464-1:2011
		Air borne contamination - Total Bacterial Count -Yeast and Mould	ISO 14698-1:2003, ISO 14698-2:2003, CCFRA 1.1.1-2007, 5 th Edition CCFRA 2.1.1-2007, 5 th Edition
Environmental	Indoor air Quality	Total Bacterial Count Yeast and Mould	CCFRA 1.1.1-2007, 5 th Edition CCFRA 2.1.1-2007, 5 th Edition
		Temperature	ISO 7726:1998
		Humidity	ISO 7726:1998
		Occupational Noise level	ISO 1996-1:2016
		Illuminance (Lx)	BS EN 12464-1:2011
Physical Tests	Clean Waters	Taste	Organoleptic QMTL-SOP-23 / APHA 2160A, 22 nd Edition 2012
Biological Testing (Microbiology)	Microbial Contamination in Air	Air borne contamination - Total Bacterial Count -Yeast and Mould	ISO 14698-1:2003, ISO 14698-2:2003, CCFRA 1.1.1-2007, 5 th Edition CCFRA 2.1.1-2007, 5 th Edition
	Water / Wastewater (including clean waters, Potable, Drinking & Ice water / Ground	Total Bacterial (heterotrophic counts)	APHA 9215D, 22 nd Edition 2012
		Enumeration of Total Coliform	APHA 9222B, 22 nd Edition 2012

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	<i>water / Swimming Pool & Marine water).</i>	Enumeration of Faecal Coliform	APHA 9222D, 22 nd Edition 2012
		Enumeration of Faecal Streptococci	APHA 9230D, 22 nd Edition 2012
		Enumeration of Pseudomonas aeruginosa	APHA 9213E, 22 nd Edition 2012
		Heterotrophic plate count	APHA 9215B, 22 nd Edition 2012
		Enumeration of E. coli	APHA 9222G, 22 nd Edition 2012
		Detection of Legionella Spp.	CCFRA 3.9.1, 5 th Edition 2003
	Food (Dairy Products/ Sea foods, Ready to eat Foods, Juices)	Enumeration of Coliforms	CCFRA 2.2.1, 5 th Edition 2007
		Enumeration of E. Coli	CCFRA 2.4.2, 5 th Edition 2003
		Enumeration of Staphylococcus Aureus	CCFRA 3.5.1, 5 th Edition 2007
		Enumeration of presumptive Bacillus Cereus	CCFRA 3.7.1, 5 th Edition 2007
		Total Plate Count	CCFRA 1.1.1, 5 th Edition 2007
		Detection of Vibrio Parahaemolyticus	CCFRA 3.8.1, 5 th Edition 2007
		Enumeration of Yeast & Mould	CCFRA 2.1.1, 5 th Edition 2007
		Enumeration of Listeria Monocytogenes	CCFRA 3.2.1, 5 th Edition 2007
		Enumeration of Clostridium Perfringens	CCFRA 3.6.1, 5 th Edition 2007
		Detection of Salmonella	CCFRA 3.1.2 & 3.1.5, 5 th Edition 2007
		Enumeration of Enterobacteriaceae	CCFRA 2.3.1, 5 th Edition 2007
		Detection of E. Coli O157	AOAC 2000.14

Note: the text in red indicates the new scope in this issue of the schedule of accreditation.

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END

Qualitas Material Testing Laboratories 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