

10.6 Scope of Accreditation

Issue No: xx/ Issue Date: 20- 01-2019
Accreditation Manager: Hamza Khan



ACCREDITED
TESTING
ISO/IEC 17025:2005
No. ATL 0018

Testing Laboratory Accreditation No. ATL 0018

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"

Element Materials Technology ME Limited Abudhabi- Laboratory	
Issue No: 04	Issue Date: 20-01-2019
Address. Exova Ltd (Abu Dhabi), Plot 25 Old Airport Road Umm Al Naar (Sas Al Nakhl), PO Box 9191, Abu Dhabi, United Arab Emirates	Ms. Jeneiliza Gayoba Tel: 00971 4 885 1001 Fax: 00971 4 885 4004 Email: jeneiliza.gayoba@exova.com Web Address: www.exova.com

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

1- **address:** Exova Ltd (Abu Dhabi) Plot 25 Old Airport Road Umm Al Naar (Sas Al Nakhl) PO Box 9191 Abu Dhabi United Arab Emirates

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For the following scope:

Scope:

7. Chemical Testing:

7.01 Metals and alloys

7.65 Air

13. Mechanical Testing

13.01 Metals and metal products

Scope details are as follows:

Version: 3.3

Date: 15th March 2018

Approved by: Atta Subhan

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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
Mechanical Testing	Carbon Steel Ribbed Bars for the Reinforcement of Concrete	Tensile Test	BS 4449:1997 and BS 4449:2005+A3:2016
		Bend Test	BS 4449:1988 and ASTM A615/A615M-18 ^{e1}
		Re-Bend Test	BS 4449:1997 and BS 4449:2005+A3:2016
		Rib Geometry	BS 4449:1997 and BS 4449:2005+A3:2016
Chemical Testing	Plain carbon, low alloy and stainless steels	Plain carbon, low alloy and stainless steels- Elemental analysis- P, S, C, Mo, Co, Ni, Fe, Cr, Si, Mn, Nb, Al, V, Ti, Cu, N	In-house procedure EMT-M-OP-CH-AUH-MD101
	Stack emissions	Total Particulate Matter - Sampling and monitoring	In-house procedure EMT-M-OP-SA- MD003 based US EPA Method 5:2017
	Stack emissions	PAHs - Sampling and monitoring	In-house procedure EMT-M-OP-SA- MD003 based on US EPA Method 5:2017
	Stack emissions	Dioxins, Furans and PCB- Sampling and monitoring	In-house procedure EMT-M-OP-SA--MD003 based on US EPA Method 23:2017
	Stack emissions	Heavy metals- As, Be, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Na, Ni, Pb, Mo, Se, V, Zn- Sampling and monitoring	In-house procedure EMT-M-OP-SA- MD003 based on US EPA Method 29:2017
	Stack emissions	Hydrogen Chloride- Sampling and monitoring	In-house procedure EMT-M-OP-SA- MD003 based on US EPA Method 26A:2017
	Stack emissions	Hydrogen fluoride- Sampling and monitoring	In-house procedure EMT -M-OP-SA- MD003 based on US EPA Method 13B:2017 and US EPA

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			Method 26A:2017
Stack emissions	Hydrogen Sulphide- Sampling and monitoring		In-house procedure EMT-M-OP-SA- MD003 based on US EPA Method 11:2017
Stack emissions	Hydrogen Cyanide- Sampling and monitoring		In-house procedure EMT-M-OP-SA- MD003 based on US EPA OTM 29:2011
Stack emissions	Ammonia-Sampling and monitoring		In-house procedure EMT-M-OP-SA- MD003 based on US EPA CTM 27:1997
Stack emissions	Sulphur dioxide (Wet Chemistry)- Sampling and monitoring		In-house procedure EMT-M-OP-SA- MD003 based on US EPA Method 6:2017
Stack emissions	Sulphur dioxide - Sampling and monitoring		In-house procedure EMT-M-OP-SA- MD001 based on US EPA Method 6C:2017
Stack emissions	Carbon monoxide- Sampling and monitoring		In-house procedure EMT-M-OP-SA- MD001 based on US EPA Method 10:2017
Stack emissions	Carbon dioxide- Sampling and monitoring		In-house method- EMT-M-OP-SA-MD001 based on US EPA Method 3A :2017
Stack emissions	Oxides of Nitrogen (as NO ₂)- Sampling and monitoring		In-house method- EMT-M-OP-SA-MD001 based on US EPA Method 7E:2017
Stack emissions	Oxygen-Sampling and monitoring		In-house method- EMT-M-OP-SA-MD001 based on US EPA Method 3A:2017
Stack emissions	VOCS- Sampling and monitoring		In-house method- EMT-M-OP-SA-MD002 based on US EPA Method 25 A:2017 using onsite Flame ionisation detector instrument
Stack emissions	Sulphur Dioxide, Carbon monoxide, Oxides of Nitrogen (as NO ₂), Oxygen- Sampling and Monitoring		In-house method- EMT-M-OP-SA-MD022 based on Gas Research Institute method GRI 96/008

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			Rev.7 and EMC Conditional test method (CTM) 30 :1997
	Ambient Air Quality/ Ambient Environment	Carbon monoxide, Nitric oxide, Oxides of Nitrogen (NO/NO2), Sulphur Dioxide, Ozone-Sampling and monitoring	In-house method- EX-M-OP-AA-MD002, Using AQMesh Analyzer
	Ambient Air Quality/ Ambient Environment	TSP, PM1, PM2.5, PM10- Sampling and monitoring	In-house method- EMT-M-OP-AA-MD003, Using Osiris Analyzer
	Ambient Environment/ Workplace	Noise -Monitoring	In-house method- EMT-M-OP-NO-MD001, Using Sound level meter

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