

## 10.6 Scope of Accreditation

Issue No: 01/ Issue Date: 15-03-2020  
File Manager: Munerah Aldurehim



ACCREDITED  
**TESTING**  
ISO/IEC 17025:2017  
No. ATL 0087

### Testing Laboratory Accreditation No. ATL 0087

is accredited by the GCC Accreditation Center (GAC) in accordance with the recognized International Standard ISO/IEC 17025:2017, "General requirements for the competence of testing and calibration laboratories"

SHADHA MATERIAL TESTING SERVICES	
Address.  PB 3008, PC 130, AZAIBA, MUSCAT, BUILDING 498, WAY 7904, SOUTH MABELIA, OPPOSITE AL MAHA PETROL PUMP, NEAR TOYOTA ROUND SULTANATE OF OMAN	Contact Person : Sureshchandran Tel : +96893201125 Fax : - Email : info@smtsoman.com Web Address: -

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

1- **address:** PB 3008, PC 130, AZAIBA, MUSCAT, BUILDING 498, WAY 7904, SOUTH MABELIA, OPPOSITE AL MAHA PETROL PUMP, NEAR TOYOTA ROUND SULTANATE OF OMAN

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

##### **Scope:**

Version: 3.6

Date: 24<sup>th</sup> July 2019

Approved by: Brahim Houla

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### 7. Chemical Testing:

7.66 Waters

### 8. Biological Testing:

8.70.11 Bacteriological condition of Potable Waters

Scope details are as follows:

Version: 3.6

Date: 24<sup>th</sup> July 2019

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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	Remarks
Chemical Testing	Drinking water- pH	pH	SOP/CHE/27 based on APHA 4500 H+ B, 23 <sup>rd</sup> edition	
Chemical Testing	Drinking water- Electrical Conductivity	Electrical Conductivity	SOP/CHE/09 based on APHA 2510-B, 23 <sup>rd</sup> edition	
Chemical Testing	Drinking water- TDS	Total Dissolved Solids (TDS)	SOP/CHE/01 based on APHA 2540-C, 23 <sup>rd</sup> edition	
Chemical Testing	Drinking water- Calcium Hardness	Calcium Hardness	SOP/CHE/25 based on APHA 3500-B, 23 <sup>rd</sup> edition	
Chemical Testing	Drinking water- Total Hardness	Total Hardness	SOP/CHE/05 based on APHA 2340-C, 23 <sup>rd</sup> edition	
Chemical Testing	Drinking water- Chloride	Chloride	SOP/CHE/06 based on APHA 4500 Cl B, 23 <sup>rd</sup> edition	
Chemical Testing	Drinking water- P Alkalinity & Total Alkalinity	P Alkalinity & Total Alkalinity	SOP/CHE/04 based on APHA 2320-B, 23 <sup>rd</sup> edition	
Chemical Testing	Drinking water- Fluoride	Fluoride	SOP/CHE/20 based on Hach method 8029	
Chemical Testing	Drinking water- Sodium	Sodium	SOP/CHE/30 based on APHA 3120-B(ICP method), 23 <sup>rd</sup> edition	
Chemical Testing	Drinking water- Potassium	Potassium	SOP/CHE/30 based on APHA 3120B(ICP method), 23 <sup>rd</sup> edition	
Chemical Testing	Drinking water- Sulphate	Sulphate	Hach method 8051	

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Chemical Testing	Drinking water - Orthophosphate	Orthophosphate	Hach method 8048	
Chemical Testing	Drinking water- COD	COD	Hach method 8000	
Chemical Testing	Drinking water- BOD	BOD	SOP/CHE/02 based on APHA 5210-B, 23 <sup>rd</sup> edition	
Chemical Testing	Drinking water- Calcium	Calcium	SOP/CHE/25 based on APHA 3500-Ca-B, 23 <sup>rd</sup> edition	EDTA Titrimetric Method
Chemical Testing	Drinking water- Magnesium	Magnesium	SOP/CHE/12 based on APHA 3500-Mg, 23 <sup>rd</sup> edition	Calculation Method
Chemical Testing	Drinking water- Metals	Metals- Mn, Mg, Ba, Pb, Fe, Al, Cu, Zn, Ca, Cr, Ni, B, Sr, Cd, Co, Ag, Li	SOP/CHE/30 based on APHA 3120B(ICP method), 23 <sup>rd</sup> edition	
Microbiological Testing	Drinking water- Standard Plate Count	Standard Plate Count	SOP/MB/04 based on APHA 9215-B, 23 <sup>rd</sup> edition	
Microbiological Testing	Drinking water- Total Coliform	Total Coliform	SOP/MB/03 based on APHA 9222-B, 23 <sup>rd</sup> edition	
Microbiological Testing	Drinking water- Fecal Coliform	Fecal Coliform	SOP/MB/01 based on APHA 9222-B & G, 23 <sup>rd</sup> edition	
Microbiological Testing	Drinking water- E.coli	E.coli	SOP/MB/02 based on APHA 9222-B & G, 23 <sup>rd</sup> edition	

**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.

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### Log of Suspended Scopes:

TEST CATEGORY	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS / PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED	SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED	Date Suspended	Date Reinstated

### Log of Withdrawn Scopes:

TEST CATEGORY	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS / PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED	SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED	Date Withdrawn

**END**

This conformity assessment body (CAB) 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