



# ACCREDITATION CERTIFICATE

**LB-CAL-018**

**Emirates International Accreditation Centre**

has accredited

**ARABSCALE CALIBRATION SERVICES**

Warehouse #26, 27 | Lootah Warehouse | Damascus Street | Al Qusais

Dubai | United Arab Emirates

In accordance with the requirements of

**ISO/IEC 17025:2017**

**General requirements for the competence of testing and calibration laboratories**

to undertake the calibration in the attached accreditation scope

This Accreditation is invalid without the attached accreditation scope and shall remain in force within the validity period printed below, subject to continuing compliance with the requirements of the accreditation criteria.

Validity: 07-04-2023 to 06-04-2026

Initial Accreditation Date: 07-04-2014



  
Amina Ahmed Mohammed  
CHIEF EXECUTIVE OFFICER  
APPROVAL



## Accreditation Scope

**LB-CAL-018**

### ArabScale Calibration Services

**Warehouse #26, 27 | Lootah Warehouse | Damascus Street | Al Qusais**

**Dubai | United Arab Emirates**

**Date: 13-03-2024**

Accreditation History			
Scope	Issue No.	Details	Date
Pressure	1	Granted accreditation from EIAC	13-03-2024
Mass Calibration	6	Renewal of the accreditation	07-04-2023
Volume Calibration	6	Renewal of the accreditation and modification in Range and	
Balance Calibration	6	Specification and CMC Values	
Temperature Calibration	6		
Dimensional Calibration	3	Renewal of the accreditation	
Mass Calibration	5		
Volume Calibration	5	Renewal accreditation and first issuance under the name of	08-09-2020
Balance Calibration	5	EIAC	
Temperature Calibration	5		
Dimensional Calibration	2		

## Accreditation Scope

### Mass Calibration

**LB-CAL-018**

## ArabScale Calibration Services

**Warehouse #26, 27 | Lootah Warehouse | Damascus Street | Al Qusais**

**Dubai | United Arab Emirates**

Issue no.: 06

Date: 07-04-2023

Valid to: 06-04-2026

Calibration Field/ Measuring Quality	Calibration Method	Range and Specification	Calibration Measurement Capability (CMC)	Location
Mass	ASC/WP/02 Based On STANDARD WEIGHTS AS PER OIML R111-1 F1 from 1 mg to 20 kg	1 mg	0.004	ArabScale Laboratory
		2 mg	mg	
		5 mg	0.004	
		10 mg	mg	
		20 mg	0.004	
		50 mg	mg	
		100 mg	0.006	
		200 mg	mg	
		500 mg	0.008	
		1 g	mg	
		2 g	0.007	
		5 g	mg	
		10 g	0.008	
		20 g	mg	
		50 g	0.010	
			mg	
			0.013	
			mg	
			0.016	
			mg	

## Accreditation Scope

### Mass Calibration

**LB-CAL-018**

## ArabScale Calibration Services

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Issue no.: 06

Date: 07-04-2023

Valid to: 06-04-2026

Calibration Field/ Measuring Quality	Calibration Method	Range and Specification	Calibration Measurement Capability (CMC)	Location
Mass	ASC/WP/02 Based On STANDARD WEIGHTS AS PER OIML R111-1 F1 from 1 mg to 20 kg	100 g	0.1 mg	Arabscale Laboratory
		200 g	0.26	
		500 g	mg	
		1 kg	0.55	
		2 kg	mg	
		5 kg	0.85	
		10 kg	mg 3	
		20 kg	mg	
			8 mg	

16 mg

30 mg



## Accreditation Scope

### Volume Calibration

#### LB-CAL-018

## ArabScale Calibration Services

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Issue no.: 06

Date: 07-04-2023

Valid to: 06-04-2026

Calibration Field/ Measuring Quality	Calibration Method	Range and Specification	Calibration Measurement Capability (CMC)	Location
PIPETTE CALIBRATION (GRAVIMETRIC METHOD)	SC/WP/03 Based on ISO 8655-6	Up to 20 ul	0.087 ul	ArabScale Laboratory
		> 20 ul up to 100 ul	0.40 ul	
		> 100 ul up to 250 ul	0.53 ul	
		> 250 ul up to 500 ul	0.78 ul	
		> 500 ul up to 1000 ul	1.4 ul	
		1000 ul up to 2000 ul	2.4 ul	
		> 2000 ul up to 5000 ul	6.1 ul	
		> 5000 ul up to 10000 ul	12 ul	

## Accreditation Scope

### Balance Calibration

#### LB-CAL-018

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Issue no.: 06

Date: 07-04-2023

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Calibration Field/ Measuring Quality	Calibration Method	Range and Specification	Calibration Measurement Capability (CMC)	Location
Weighing Scale	ASC/WP/01 Based On Non- automatic weighing Instruments-EURAMET GUIDE-CG-18	0 & 1 mg up to 21 g	0.05	Customer premises
		> 21 g Up to 220 g	mg 0.5	
		> 220g up to 6200 g	mg	
		> 6200g up to 10 kg	0.02 g	
		> 10 kg up to 30 kg	0.1 g	
		> 30 kg up to 60 kg	5 g	
		> 60 kg up to 300 kg	10 g	
		> 300 kg up to 500 kg	70 g	
		> 500 kg up to 1000 kg >	0.1 kg	
		1000 kg up to 3000 kg	0.2 kg	
			0.5 kg	

## Accreditation Scope

### Temperature Calibration

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Issue no.: 06

Date: 07-04-2023

Valid to: 06-04-2026

Calibration Field/ Measuring Quality	Calibration Method	Range and Specification	Calibration Measurement Capability (CMC)	Location
Digital thermometers	ASC/WP/22	-30 °C up to 0 °C	0.12	ArabScale Laboratory
		0 °C up to 50 °C	°C	
		50 °C up to 120 °C	0.10	
		120 °C up to 200 °C	°C	
		200 °C up to 400 °C	0.18	
Liquid-in-glass- thermometer	ASC/WP/20	-30 °C up to 0 °C	°C	ArabScale Laboratory
		0 °C up to 50 °C	0.30	
		50 °C up to 120 °C	°C	
Dial type thermometers	ASC/WP/21	-30 °C up to 120 °C	0.50	ArabScale Laboratory
		120 °C up to 200 °C	°C	
		200 °C up to 400 °C	0.18	
Ovens, Freezers, ASC/WP/23	ASC/WP/23	-30 °C up to 50 °C	°C	Customer Premises
Refrigerator, Chiller (9 based on DKD-R 5-7 points)		50 °C up to 250 °C	0.10	
Incubator and liquid bath (5 points) ASC/WP/25	ASC/WP/24 & base don DKD-R 5-7	-30 °C up to 100 °C	°C	Customer Premises
			0.18	
Autoclave ASC/WP/26	based on DKD-R 5-7	100 °C up to 140 °C	°C	Customer Premises
			2.0 °C	
			0.40	

°C

0.80

°C 1.5

## Accreditation Scope

### Dimensional Calibration

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Issue no.: 03

Date: 07-04-2023

Valid to: 06-04-2026

Calibration Field/ Measuring Quality	Calibration Method	Range and Specification	Calibration Measurement Capability (CMC)	Location
Vernier / Digital Calipers In- House method ASC/WP/30	In-House method	0-300 mm	0.03 mm	Arabscale Laboratory
External Micrometer In- House method ASC/WP/31	In-House method	0-25 mm	2.0 µm	Arabscale Laboratory

## Accreditation Scope

### Pressure Calibration

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Issue no.: 01

Date: 13-03-2024

Valid to: 06-04-2026

Calibration Field/ Measuring Quality	Calibration Method	Range and Specification	Calibration Measurement Capability (CMC)	Location
Pneumatic Pressure Analogue and digital pressure gauges / pressure transducers	ASC-WP-06 SOP based on DKD-R-6-1	-90 kPa to 0	0.3 kPa	ArabScale Laboratory/ Customer Premises
		0 to 6 MPa	15 kPa	
Hydraulic Pressure Analogue and digital pressure gauges / pressure transducers	ASC-WP-06 SOP based on DKD-R-6-1	0 to 70 MPa	14 kPa	ArabScale Laboratory/ Customer Premises