



# ACCREDITATION CERTIFICATE

**LB-CAL-030**

**Emirates International Accreditation Centre**

has accredited

**ALBATECH TESTING SERVICES L.L.C.**

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: 14-11-2021 to 06-03-2024

Initial Accreditation Date: 07/03/2015



  
CHIEF EXECUTIVE OFFICER  
APPROVAL



## Accreditation Scope

**LB-CAL-030**

**Albatech Testing Services L.L.C.**

**Dubai-United Arab Emirates**

**Date: 03-02-2022**

**Valid to: 06-03-2024**

Accreditation History			
Scope	Issue No.	Details	Date
Dimensional	8	Voluntarily Reduction in scope (remove: Height Gauge, Depth Gauge & Setting rod)	03-02-2022
Temperature, Pressure, Balance and Dimensional	7	Renewal accreditation	14-11-2021
Temperature, Pressure, Balance and Dimensional	6	Certificate validity was extended for 6 months from 07-09-2021 up to 06-03-2022	07-09-2021
Temperature	5	Certificate validity was extended for 6 months from 07-03-2021 up to 06-09-2021	07/03/2021
Pressure	5		
Balance	5		
Dimensional	5		
Temperature	4	Re-issued to comply with the new accreditation number format	22/10/2020
Pressure	4		
Balance	4	Modification in CMC Values and to comply with the new accreditation number format	
Dimensional	4		
Temperature	3	First issuance under the name of EIAC (which was formerly known as DAC)	23/04/2019
Pressure	3		
Dimensional	3		
Balance	3		

## Accreditation Scope

### Dimensional Calibration

#### LB-CAL-030

**Albatech Testing Services L.L.C.**

**Dubai-United Arab Emirates**

Issue no.: 08

Date: 03-02-2022

Valid to: 06-03-2024

Calibration Field/ Measuring Quality	Calibration Method	Range and Specification	Calibration Measurement Capability (CMC)*	Location
All Typers of Calipers Digital Vernier , Caliper, Dial	In-house method based on BS EN ISO 13385:2019	upto 300 mm	0.018 mm	Laboratory
		300 mm upto 450 mm	0.020 mm	
External Micrometer	In-house method based on JIS 7502 : 1994	Upto 100 mm	0.0025 mm	
Dial Gauge / Digital & Analogue	In-house method based on JIS B 7503: 2017; B5/EN/ 150 463-2006 & B5/EN/ ISO 13102:2012	0 mm upto 25 mm	0.0028 mm	
Micro Indicator / Dial Tester	+/- based on JIS 7519: 1994	0 mm up to 1mm	0.003mm	
LVDT*	In house method	0 mm up to 100mm	0.002mm	
Thickness Gauge (Dial/Digital)	In House method	0 mm upto 20 mm	0.002 mm	
		>20 mm upto 100 mm	0.003 mm	
Feeler gauges	In House method based on DIN 2275 - 1997	0.05mm up to 2mm	0.0038mm	

\* Calibration and Measurement Capability (CMC) is the smallest uncertainty of measurement that a laboratory can achieve within its scope of accreditation when performing more or less routine calibrations of nearly ideal measurement standards or nearly ideal measuring equipment. Calibration and Measurement Capabilities represent expanded uncertainties expressed at approximately the 95 % level of confidence, usually using a coverage factor of  $k = 2$ . The actual measurement uncertainty of a specific calibration performed by the laboratory may be greater than the CMC due to the behavior of the customer's device and to influences from the circumstances of the specific calibration.

**Accreditation Scope**

**Temperature Calibration**

**LB-CAL-030**

**Albatech Testing Services L.L.C.**

**Dubai-United Arab Emirates**

Issue no.: 07

Date: 14-11-2021

Valid to: 06-03-2024

Calibration Field/ Measuring Quality	Calibration Method	Range and Specification	Calibration Measurement Capability (CMC)*	Location
Digital Thermometers with probe	WI-ALBATS-T-03	0 °C up to 50 °C	± 0.29 °C	Laboratory
		50 °C up to 150 °C	± 0.29 °C	
		150 °C up to 300 °C	± 1.53 °C	
		300 °C up to 600 °C	± 1.62 °C	
Direct reading thermo- meters with TC	WI-ALBATS-T-03	0 °C up to 50 °C	± 0.4 °C	
		50 °C up to 150 °C	± 0.6 °C	
		150 °C up to 300 °C	± 0.8 °C	
		300 °C up to 600 °C	± 1.3 °C	
Mechanical dial thermo- meters	WI-ALBATS-T-03	0 °C up to 50 °C	± 0.8 °C	
		50 °C up to 150 °C	± 1.5 °C	
		150 °C up to 300 °C	± 2.5 °C	
		300 °C up to 600 °C	± 5 °C	

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## Accreditation Scope

### Temperature Calibration

#### LB-CAL-030

**Albatech Testing Services L.L.C.**

**Dubai-United Arab Emirates**

Issue no.: 07

Date: 14-11-2021

Valid to: 06-03-2024

Calibration Field/ Measuring Quality	Calibration Method	Range and Specification	Calibration Measurement Capability (CMC)*	Location
Dry Block Calibrator	WI-ALBATS-T-09	-20 °C up to 133 °C	0.2 °C	Laboratory
		133 °C up to 600 °C	1.5 mK * t / °C	
Drying Oven (9 points)	WI-ALBATS-T-01	50 °C up to 150 °C	± 1.0 °C	Customer Premises
		150 °C up to 200 °C	± 1.5 °C	
Incubators (9 points)	WI-ALBATS-T-02	25 °C up to 70 °C	± 1.0 °C	Customer Premises
Water bath (5-9 points)	WI-ALBATS-T-02	5 °C up to 95 °C	± 0.5 °C	
Liquid bath (5-9 points)	WI-ALBATS-T-02	10 °C up to 200 °C	± 0.5 °C	
Refrigerator, Chiller (9 points)	WI-ALBATS-T-02	0 °C up to 20 °C	± 1.0 °C	
Freezer (9 points)	WI-ALBATS-T-02	-18 °C up to 0 °C	± 1.0 °C	
Environmental-chamber (9 points)	WI-ALBATS-T-02	40 °C up to 200 °C	± 1.0 °C	
Hot Cabinet (9 points)	WI-ALBATS-T-02	40 °C up to 200 °C	± 1.0 °C	

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## Accreditation Scope

### Temperature Calibration

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Calibration Field/ Measuring Quality	Calibration Method	Range and Specification	Calibration Measurement Capability (CMC)*	Location
Muffel Furnace (1 point)	WI-ALBATS-T-05	300 °C up to 600 °C	± 5 °C	Customer Premises
		600 °C up to 1100 °C	± 10 °C	
Autoclave (1 point)	WI-ALBATS-T-08	100 °C up to 140 °C	± 1.0 °C	Laboratory
Infrared Thermometer	WI-ALBATS-T-07	20 °C up to 50 °C	± 1.0 °C	
		50 °C up to 100 °C	± 2.0 °C	
Temperature and Humidity meter	WI-ALBATS-T-04	18 °C up to 60 °C	± 0.4 °C	
		15 %RH up to 80 %RH	± 3 %RH	

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## Accreditation Scope

### Pressure Calibration

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Calibration Field/ Measuring Quality	Calibration Method	Range and Specification	Calibration Measurement Capability (CMC)*	Location
Pressure Indicating Instrument (Oil-type)	WI-ALBATS-P-01	0 bar - 700 bar	± 0.058 % of FS	Laboratory
Pressure Indicating Instrument (Gas-type)	WI-ALBATS-P-02	0 bar - 7 bar	± 0.15 % of FS	Laboratory & Customer Premises
Vacuum Meter (Gas-type)	WI-ALBATS-P-02	-95 bar - 0 bar	± 2.4 % of FS	

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**Accreditation Scope**

**Balance Calibration**

**LB-CAL-030**

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Issue no.: 07

Date: 14-11-2021

Valid to: 06-03-2024

Calibration Field/ Measuring Quality	Calibration Method	Range and Specification	Calibration Measurement Capability (CMC)*	Location
Digital Weighing Balance	WI-ALBATS-M-01 In accordance to Euramet cg 18v4	0 - 200g	0.22mg	Customers Premises
		>200-500g	0.77mg	
		>500- 1kg	0.015g	
		> 1kg - 3kg	0.13g	
		> 3 kg - 7kg	0.42g	
		> 7 kg - 20kg	0.51g	
		> 20 kg - 60kg	0.8g	
		> 60 kg - 100kg	3.3g	
		> 100 kg - 150kg	6.5g	

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