



ACCREDITATION CERTIFICATE

LB-CAL-076

Emirates International Accreditation Centre

has accredited

PRUDENT CALIBRATION AND INSTRUMENTATION SERVICE LLC

Warehouse No.2, M-17, Plot No. 15, Musaffah Industrial area

Abu Dhabi-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: 11-11-2025 to 21-07-2028

Initial Accreditation Date: 22-07-2019




Amina Ahmed Mohammed
CHIEF EXECUTIVE OFFICER



Accreditation Scope

LB-CAL-076

Prudent Calibration and Instrumentation Service LLC

Warehouse No.2, M-17, Plot No. 15, Musaffah Industrial area

Abu Dhabi, United Arab Emirates

Date: 11-11-2025

Accreditation History			
Scope	Issue No.	Details	Date
Temperature	05	Renewal accreditation and modification on the scope for temperature	11-11-2025
Temperature	04	Certificate validity was extended for 6 months from 22-07-2025 up to 21-01-2026	22-07-2025
Temperature	03	Modification in Scope's presentation	02-05-2024
Temperature	02	Renewal accreditation	15-07-2022
Temperature	01	Granted accreditation from EIAC	22-07-2019

Accreditation Scope

Temperature-Humidity Calibration

LB-CAL-076

Prudent Calibration and Instrumentation Service LLC

Warehouse No.2, M-17, Plot No. 15, Musaffah Industrial area

Abu Dhabi, United Arab Emirates

Issue no.: 05

Date: 11-11-2025

Valid to: 21-07-2028

Calibration and Measurement Capability (CMC)				
Measured Quantity/ Calibration Instrument	Calibration Method	Range and Specification	Expanded Measurement Uncertainty (U @ k=2)	Location
Thermo-hygrometer Instruments & Dataloggers	Temperature humidity ProbIn-house method No. PCP 01 -WI 03	20 % to 60% RH	2.2%RH	Laboratory
		>60 % to 70% RH	3.4%RH	
		15 °C to 35 °C	0.7°C	
		>35 °C to 50 °C	1.9°C	
Chiller, Refrigerator, Freezer (using 9 sensors)	In-house method No. PCP 01 WI 04 Based on Euramet Cg-20	-40°C to 25°C	±0.7°C	Customer Premises
Climatic Chambers, Ovens, Incubators Temperature Chamber, Incubator, Oven (using 9 sensors)	In-house method No. PCP 01 WI 06 Based on Euramet Cg-20	25°C to 100°C	±0.7°C	Customer Premises
		>100 to 300°C	±0.9°C	