ACCREDITATION CERTIFICATE

LB-CAL-019

Emirates **I**nternational **A**ccreditation **C**entre

has accredited

AL HOTY STANGER LABORATORY L.L.C.

Industrial City Abu Dhabi (ICAD 1) | Plot 9R7B | Near ICAD 1 Gate no. 2

Beside Emirates Steel | 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: 30-04-2026 to 15-04-2029

Initial Accreditation Date: 16-04-2014

Amina Ahmed Mohammed

CHIEF EXECUTIVE OFFICER

مـركـز الإمـارات الـعـالـمـي لـلاعـتـمـاد
Emirates International Accreditation Centre

Accreditation Scope

LB-CAL-019

Al Hoty Stanger Laboratory L.L.C.

Industrial City Abu Dhabi (ICAD 1) | Plot 9R7B | Near ICAD 1 Gate no. 2 Beside Emirates Steel | Abu Dhabi | United Arab Emirates

Date: 30-04-2026

Accreditation History			
Scope	**Issue No.**	**Details**	**Date**
Temperature	10	Reissued due to accreditation renewal and modification in the whole scope	30-04-2026
Dimensional	07	Reissued due to accreditation renewal with no change in the scope	
Balance, Force	13		
Pressure	09		
Dimensional	06	Cetificate validity was extended for 6 months from 16-04-2026 up to 15-10-2026	16-04-2026
Temperature	09		
Balance, Force	12		
Pressure	08		
Dimensional	05	Reissued due to change in the laboratory's name (was formerly known as Al Hoty- Stanger Laboratories)	02-07-2025
Temperature	08		
Balance, Force	11		
Pressure	07		
Dimensional	04	Reissued due to voluntary reduction in scope	01-05-2025
Temperature	07	Reissued due to extension in scope	
Dimensional	03	Reissued due to modification in Expanded Measurement Uncertainty for some calibration tools and voluntary reduction in scope	24-10-2024
Balance, Force	10	Modification in Scope's Presenatation Modification in Expanded Measurement Uncertainty Values under Dimensional scope	18-03-2024
Temperature, Pressure	06		
Dimensional	02		

Accreditation Scope

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Date: 30-04-2026

Accreditation History			
Scope	**Issue No.**	**Details**	**Date**
Balance	09	Renewal of the acceditation	09-05-2023
Force	09	Renewal of the accreditation and modification in Range and Specification and CMC Values	
Temperature	05	Renewal of the acceditation and extension in scope (add Base metal thermocouples)	
Pressure	05	Renewal of the acceditation	
Dimensional	01	Granted accreditation	
Balance, Force	08	Cetificate validity was extended for 6 months from 16-04-2023 up to 15-10-2023	16-04-2023
Temperature, Pressure	04		
Balance, Force	07	Renewal accreditation from EIAC	12-05-2020
Temperature, Pressure	03		
Balance, Force	06	Transfer to ISO/ IEC 17025:2017 and first issuance under the name of EIAC (which was formerly known as DAC)	15-09-2019
Temperature, Pressure	02		

Accreditation Scope

Balance Calibration

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Issue no.: 13 **Date: 30-04-2026** **Valid to: 15-04-2029**

Calibration and Measurement Capability (CMC)				
Measured Quantity/ Calibration Instrument	**Calibration Method**	**Range and Specification**	**Expanded Measurement Uncertainty (U @ k=2)**	**Location**
Weighing Scales	SOP/02:2014 rev.2 "Calibration of Non-automatic Weighing Machines" according to EURAMET cg 18 (2015)	1mg to 500mg	0.3mg	Customer Premises
		Up to 6kg	4.0mg	
		Up to 30kg	34.0mg	
		Up to 60kg	0.2g	

Accreditation Scope

Force Calibration

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Issue no.: 13 **Date: 30-04-2026** **Valid to: 15-04-2029**

Calibration and Measurement Capability (CMC)				
Measured Quantity/ Calibration Instrument	**Calibration Method**	**Range and Specification**	**Expanded Measurement Uncertainty (U @ k=2)**	**Location**
Force Verification/ Calibration of Universal testing machines (Tension)	SOP/01/rev.3/2020 "Calibration of Force Measuring Systems" Comparison method using force proving instruments based on BS EN ISO 7500-1:2018	100 kN to 400 kN	0.53 % of indicator reading	Customer Premises
		>400 kN to 2000 kN	0.30 % of indicator reading	
Force Verification/ Calibration of Compression testing machines	SOP/01/rev.3/2020 "Calibration of Force Measuring Systems" Comparison method using force proving instruments based on BS EN ISO 7500-1:2018	60 kN to 100 kN	1.3 % of indicator reading for increasing forces	Customer Premises
		>100 kN to 150 kN	0.57 % of indicator reading for increasing forces	
		>150 kN to 250 kN	0.39 % of indicator reading for increasing forces	

Accreditation Scope

Force Calibration

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Issue no.: 13 **Date: 30-04-2026** **Valid to: 15-04-2029**

Calibration and Measurement Capability (CMC)				
Measured Quantity/ Calibration Instrument	**Calibration Method**	**Range and Specification**	**Expanded Measurement Uncertainty (U @ k=2)**	**Location**
Force Verification/ Calibration of Compression testing machines	SOP/01/rev.3/2020 "Calibration of Force Measuring Systems" Comparison method using force proving instruments based on BS EN ISO 7500-1:2018	>250 kN to 400 kN	0.27 % of indicator reading for increasing forces	Customer Premises
		>400 kN to 500 kN	0.22 % of indicator reading for increasing forces	
		>500 kN to 600 kN	0.20 % of indicator reading for increasing forces	
Force Verification/ Calibration of Compression testing machines	SOP/01/rev.3/2020 "Calibration of Force Measuring Systems" Comparison method using force proving instruments based on BS EN ISO 7500-1:2018	>600 kN to 3000 kN	0.30 % of indicator reading for increasing forces	Customer Premises

Accreditation Scope

Temperature Calibration

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Issue no.: 10 **Date: 30-04-2026** **Valid to: 15-04-2029**

Calibration and Measurement Capability (CMC)				
Measured Quantity/ Calibration Instrument	**Calibration Method**	**Range and Specification**	**Expanded Measurement Uncertainty (U @ k=2)**	**Location**
Liquid-in-glass thermometers	In house method no. SOP-04	-20 °C – 150 °C	0.1 °C	Laboratory Premises
Direct reading thermometer with resistance temperature sensor (RTD)	In house method no. SOP-05	-20 °C – 150 °C	0.1 °C	
		>150 °C – 500 °C	0.8 °C	
Direct reading thermometer with TC sensor	In house method no. SOP-07	-20 °C – 150 °C	0.3 °C	
		>150 °C – 500 °C	0.8 °C	
Dial thermometers	In house method no. SOP-06	-20 °C – 150 °C	0.1 °C	
		>150 °C – 500 °C	0.8 °C	
Base metal thermocouples	In house method no. SOP-07	-20 °C – 150 °C	0.3 °C	
		>150 °C – 500 °C	0.8 °C	
IR thermometers	In house method no. SOP-08	-35 °C – 150 °C	1.5 °C	

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Temperature Calibration

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Issue no.: 10 **Date: 30-04-2026** **Valid to: 15-04-2029**

Calibration and Measurement Capability (CMC)				
Measured Quantity/ Calibration Instrument	**Calibration Method**	**Range and Specification**	**Expanded Measurement Uncertainty (U @ k=2)**	**Location**
Temperature Chambers (Freezer, Refrigerator, Chillers, Incubator, Ovens) Using 9 sensors	In house method no. SOP-09	-80 °C – 5 °C	1.0 °C	Customer Premises
		>5 °C – 110 °C	0.6 °C	
		>110 °C – 400 °C	1.1 °C	
Liquid baths Using 5 sensors	In house method no. SOP-10	-80 °C – 5 °C	0.7 °C	Customer Premises
		>5 °C – 95 °C	0.4 °C	
		>95 °C – 200 °C	0.7 °C	
Temperature Chambers (Freezer, Refregerator, Chillers, Incubator, Ovens) Using one sensor	In house method no. SOP-11	200 °C – 500 °C	0.9 °C	Customer Premises
		>500 °C – 800 °C	2.0 °C	
		>800 °C – 1200 °C	10.0 °C	

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Temperature Calibration

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Issue no.: 10 **Date: 30-04-2026** **Valid to: 15-04-2029**

Calibration and Measurement Capability (CMC)				
Measured Quantity/ Calibration Instrument	**Calibration Method**	**Range and Specification**	**Expanded Measurement Uncertainty (U @ k=2)**	**Location**
Autoclaves Using 5 sensors	In house method no. SOP-12	50 °C - 100 °C	0.4 °C	Customer Premises
		>100 °C – 140 °C	0.7 °C	
Thermo hygrometer	In house method no. SOP-28	10 ^{0}C to 50 ^{0}C	0.5 ^{0}C	Laboratory
		10% RH to 95% RH	1.2 % RH	

Accreditation Scope

Pressure Calibration

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Issue no.: 09 **Date: 30-04-2026** **Valid to: 15-04-2029**

Calibration and Measurement Capability (CMC)				
Measured Quantity/ Calibration Instrument	**Calibration Method**	**Range and Specification**	**Expanded Measurement Uncertainty (U @ k=2)**	**Location**
Gas Pressure (gauge)/ Digital and analogue indicating devices	SOP/03: 2018 rev. 1 "Calibration of pressure gauges" acc. to DKD-R 6-1 (03/2014)	-0.85 bar to 0 bar	0.30 % F.S.	Laboratory Premises
		0 bar to 40 bar	0.20 % F.S.	
Liquid Pressure (gauge)/ Digital and analogue indicating devices	SOP/03: 2018 rev. 1 "Calibration of pressure gauges" acc. to DKD-R 6-1 (03/2014)	0 bar to 1200 bar	0.20 % F.S.	

مركز الإمارات العالمي للاعتماد
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Accreditation Scope

Dimensional Calibration

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Issue no.: 07 **Date: 30-04-2026** **Valid to: 15-04-2029**

Calibration and Measurement Capability (CMC)				
Measured Quantity/ Calibration Instrument	**Calibration Method**	**Range and Specification**	**Expanded Measurement Uncertainty (U @ k=2)**	**Location**
Vernier Caliper (Analog & Digital)	SOP-013 (As per BS EN ISO 13385-1: 2019)	Up to 300 mm	0.03 mm	Laboratory Premises
		>300 – 600 mm	0.030 mm	
Height Gauge (Analog & Digital)	SOP-014 (As per JIS B 7517:2018)	Up to 300 mm	0.027 mm	Laboratory Premises
		>300 – 600 mm	0.030 mm	
External Micrometer (Analog & Digital)	SOP-015 (As per JIS B 7502:2016)	Up to 25 mm	0.002 mm	Laboratory Premises
		>25 – 100 mm	0.004 mm	
Dial Gauge & Digital Indicator (Plunger Type)	SOP-017 (As per JIS B 7503:2017)	Up to 12.7 mm	0.0027 mm	Laboratory Premises
Lever Type Test Indicator (Analog & Digital)	SOP-018 (As per JIS B 7533:2015)	Up to ±1 mm	2.4 µm	Laboratory Premises
Micro Indicator (Analog & Digital)	SOP-019 (As per JIS B 7519:1994)	Up to ± 1 mm	2.4 µm	Laboratory Premises

Accreditation Scope

Dimensional Calibration

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Issue no.: 07 **Date: 30-04-2026** **Valid to: 15-04-2029**

Calibration and Measurement Capability (CMC)				
Measured Quantity/ Calibration Instrument	**Calibration Method**	**Range and Specification**	**Expanded Measurement Uncertainty (U @ k=2)**	**Location**
Feeler Gauge	SOP-021 (As per JIS B 7524:2008)	Up to 1mm	0.004 mm	Laboratory Premises
LVDT	SOP-022 (In-house Method)	Up to 25 mm	0.002 mm	Laboratory Premises & Client Premises
Squares	SOP-023 (As per JIS B 7526:1995)	Up to 200 mm	0.009 mm	Laboratory Premises
Straight Edge	SOP-024 (As per JIS B 7514:1977)	Up to 300 mm	0.005 mm	Laboratory Premises
Metal Ruler	SOP-025 (As per JIS B 7516:2005)	Up to 600 mm	0.60 mm	Laboratory Premises
Coating Thickness Foils	SOP-026 (In-house Method)	Up to 1533 µm	3.0 µm	Laboratory Premises
Coating Thickness Gauge	SOP-027 (In-house Method)	Up to 1500 µm	8.0 µm	Laboratory Premises