Accreditation Scope

019-LB-CAL

Al Hoty- Stanger Laboratories

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

Abu Dhabi - United Arab Emirates

Date: 12-05-2020 **Valid to: 15-04-2023**

Accreditation History			
Scope	**Issue No.**	**Details**	**Date**
Balance	7	Renewal accreditation from EIAC	12/05/2020
Force	7		
Temperature	3		
Pressure	3		
Balance	6	Transfer to ISO/ IEC 17025:2017 and first issuance under the name of EIAC (which was formerly known as DAC)	15/09/2019
Force	6		
Temperature	2		
Pressure	2		

Accreditation Scope

Balance Calibration

019-LB-CAL

Al Hoty- Stanger Laboratories

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

Abu Dhabi - United Arab Emirates

Issue no.: 07 **Date: 12-05-2020** **Valid to: 15-04-2023**

Calibration Field/ Measuring Quality	Calibration Method	Range and Specification	Calibration Measurement Capability (CMC)*	Location
Weighing Scales	In accordance to Euramet cg 18 ASTM E898- 2004	1mg to 500mg	0.3mg	Customer Premises
		Up to 6kg	4.0mg	
		Up to 30kg	34.0mg	
		Up to 60kg	0.2g	

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Accreditation Scope

Force Calibration

019-LB-CAL

Al Hoty- Stanger Laboratories

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Abu Dhabi - United Arab Emirates

Issue no.: 07 **Date: 12-05-2020** **Valid to: 15-04-2023**

Calibration Field/ Measuring Quality	Calibration Method	Range and Specification	Calibration Measurement Capability (CMC)*	Location
Force Verification/ Calibration of Universal testing machines (Tension)	Comparison method using force proving instruments based on BS EN ISO 7500-1	100 kN to 2000 kN	0.30 % of indicator reading for increasing force	Customer Premises
Force Verification/ Calibration of Compression testing machines	Comparison method using force proving instruments based on BS EN ISO 7500-1	60 kN to 600 kN	0.20 % of indicator reading for increasing force	
Force Verification/ Calibration of Compression testing machines	Comparison method using force proving instruments based on BS EN ISO 7500-1	600 kN to 3000 kN	0.37 % of indicator reading for increasing force	

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Accreditation Scope

Temperature Calibration

019-LB-CAL

Al Hoty- Stanger Laboratories

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

Abu Dhabi - United Arab Emirates

Issue no.: 03 **Date: 12-05-2020** **Valid to: 15-04-2023**

Calibration Field/ Measuring Quality	Calibration Method	Range and Specification	Calibration Measurement Capability (CMC)*	Location
Liquid-in-glass thermometers	SOP-04	-20 °C – 150 °C	0.1 °C	Laboratory
Direct reading thermometers with RTD sensor	SOP-05	-20 °C – 150 °C	0.1 °C	
		>150 °C – 500 °C	0.8 °C	
Direct reading thermometers with TC sensor	SOP-07	-20 °C – 150 °C	0.3 °C	
		>150 °C – 500 °C	0.8 °C	
Dial thermometers	SOP-06	-20 °C – 150 °C	0.1 °C	
		>150 °C – 500 °C	0.8 °C	
IR thermometers	SOP-08	-35 °C – 100 °C	1.5 °C	
		>100 °C – 150 °C	2.0 °C	

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Accreditation Scope

Temperature Calibration

019-LB-CAL

Al Hoty- Stanger Laboratories

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

Abu Dhabi - United Arab Emirates

Issue no.: 03 **Date: 12-05-2020** **Valid to: 15-04-2023**

Calibration Field/ Measuring Quality	Calibration Method	Range and Specification	Calibration Measurement Capability (CMC)*	Location
Climatic Chambers (also Ovens, Freezers, Chillers, Incubators) (9 sensors)	SOP-09	-80 °C – 5 °C	1.0 °C	Customers Premises
		>5 °C – 110 °C	0.6 °C	
		>110 °C – 400 °C	1.1 °C	
Liquid baths (5 sensors)	SOP-10	-80 °C – 5 °C	0.7 °C	Customers Premises
		>5 °C – 95 °C	0.4 °C	
		>95 °C – 200 °C	0.7 °C	
Muffle furnace (1 sensor)	SOP-11	200 °C – 500 °C	0.9 °C	Customers Premises
		>500 °C – 800 °C	2 °C	
		>800 °C – 1200 °C	10 °C	
Autoclaves (temperature indicator)	SOP-12	50 °C - 100 °C	0.4 °C	
		>100 °C – 140 °C	0.7 °C	

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Accreditation Scope

Temperature Calibration

019-LB-CAL

Al Hoty- Stanger Laboratories

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Abu Dhabi - United Arab Emirates

Issue no.: 03 **Date: 12-05-2020** **Valid to: 15-04-2023**

Calibration Field/ Measuring Quality	Calibration Method	Range and Specification	Calibration Measurement Capability (CMC)*	Location
Liquid-in-glass thermometers	SOP-04	-20 °C – 150 °C	0.1 °C	Laboratory
Direct reading thermometers with RTD sensor	SOP-05	-20 °C – 150 °C	0.1 °C	
		>150 °C – 500 °C	0.8 °C	
Direct reading thermometers with TC sensor	SOP-07	-20 °C – 150 °C	0.3 °C	
		>150 °C – 500 °C	0.8 °C	
Dial thermometers	SOP-06	-20 °C – 150 °C	0.1 °C	
		>150 °C – 500 °C	0.8 °C	
IR thermometers	SOP-08	-35 °C – 100 °C	1.5 °C	
		>100 °C – 150 °C	2.0 °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
Climatic Chambers (also Ovens, Freezers, Chillers, Incubators) (9 sensors)	SOP-09	-80 °C – 5 °C	1.0 °C	Customers Premises
		>5 °C – 110 °C	0.6 °C	
		>110 °C – 400 °C	1.1 °C	
Liquid baths (5 sensors)	SOP-10	-80 °C – 5 °C	0.7 °C	Customers Premises
		>5 °C – 95 °C	0.4 °C	
		>95 °C – 200 °C	0.7 °C	
Muffle furnace (1 sensor)	SOP-11	200 °C – 500 °C	0.9 °C	Customers Premises
		>500 °C – 800 °C	2 °C	
		>800 °C – 1200 °C	10 °C	
Autoclaves (temperature indicator)	SOP-12	50 °C - 100 °C	0.4 °C	
		>100 °C – 140 °C	0.7 °C	

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Accreditation Scope

Pressure Calibration

019-LB-CAL

Al Hoty- Stanger Laboratories

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Abu Dhabi - United Arab Emirates

Issue no.: 03 **Date: 12-05-2020** **Valid to: 15-04-2023**

Calibration Field/ Measuring Quality	Calibration Method	Range and Specification	Calibration Measurement Capability (CMC)*	Location
Gas Pressure (gauge)/ Digital and analogue indicating devices	SOP/03: 2018 rev. 2 "Calibration of pressure gauges" acc. to DKD-R 6-1 (03/2014)	-0.85 bar to 0 bar	0.3%	Laboratory Premises
		0 bar to 40 bar	0.20%	
Liquid Pressure (gauge)/ Digital and analogue indicating devices		0 bar to 1200 bar	0.20%	

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