



SCOPE OF ACCREDITATION

Force Calibration

Al Hoty- Stanger Laboratories

Building 21, Al Qouz industrial Area 03, Street 08

Dubai- United Arab Emirates

Issue No: 04

Issue date: 16- 04- 2017

Accreditation Certificate No: LB-179-CAL

DETAILS OF THE APPLICABLE RANGE OF CALIBRATION AND MEASUREMENT CAPABILITY FOR THE SCOPE OF ACCREDITATION				
Calibration Field/ Measured Quantity	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 forces	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 forces	

Note: For history details of accredited conformity assessment activities, please refer to Dubai Accreditation Department, Dubai Municipality.

- 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.

P.O Box: 67, DUBAI-UAE., TEL: 00971-4-3027445, FAX: 00971-4-3362381

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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	0.30 % of indicator reading for increasing forces	Customer Premises

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SCOPE OF ACCREDITATION

Balance Calibration

Al Hoty- Stanger Laboratories

Building 21, Al Qouz industrial Area 03, Street 08

Dubai- United Arab Emirates

Issue No: 04

Issue date: 16- 04- 2017

Accreditation Certificate No: LB-179-CAL

DETAILS OF THE APPLICABLE RANGE OF CALIBRATION AND MEASUREMENT CAPABILITY FOR THE SCOPE OF ACCREDITATION				
Calibration Field/ Measured Quantity	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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