



CERTIFICATE OF ACCREDITATION

This is to attest

ADVANCED CONSTRUCTION TECHNOLOGY SERVICES

GEORGES ASSY STREET KHALIFEH BLDG.
BEIRUT 5918, LEBANON

Calibration Laboratory CL-204

has met the requirements of AC204, *IAS Accreditation Criteria for Calibration Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Expiration Date January 1, 2027
Effective Date November 21, 2025



International Accreditation Service
Issued under the authority of IAS management

IAS is an ILAC MRA Signatory

Visit www.iasonline.org for current accreditation information.

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 101, Brea, California 92821, U.S.A. | www.iasonline.org

ADVANCED CONSTRUCTION TECHNOLOGY SERVICES

www.acts-int.com

Contact Name Mr. Rabih Boukaidbey

Contact Phone +961 1 737400

Accredited to ISO/IEC 17025:2017

Effective Date November 21, 2025

CALIBRATION AND MEASUREMENT CAPABILITY (CMC)*

MEASURED QUANTITY or DEVICE TYPE CALIBRATED	RANGE	UNCERTAINTY ^{1,2} (±)	CALIBRATION METHOD OR PROCEDURE, STANDARD EQUIPMENT (OPTIONAL)
Dimensional			
Rulers	0 mm to 600 mm 600 mm to 1000 mm	790 µm 820 µm	Using reference ruler by comparison as per NISTIR 8028
Digital Micrometer	0 mm to 25 mm	0.72 µm	Using Gauge block set as per ASTM A1073
Mechanical			
Weighing Balance	Up to 200 g Up to 300 g Up to 6 kg Up to 30 kg	0.10 mg 0.29 g 1.4 g 1.4 g	SOP – Balances according to ASTM E898
Thermal			
Hygrometer	Only for 75 %RH	0.89 %RH	SOP – Hygrometer according to ASTM E104
Time and Frequency			
Stopwatch	1 s to 3600 s	0.25 s	SOP – TIM-DIV According to NIST SP 960-12

¹The uncertainty covered by the Calibration and Measurement Capability (CMC) is expressed as the expanded uncertainty having a coverage probability of approximately 95 %. It is the smallest measurement uncertainty that a laboratory can achieve within its scope of accreditation when performing calibrations of a best existing device. The measurement uncertainty reported on a calibration certificate may be greater than that provided in the CMC due to the behavior of the calibration item and other factors that may contribute to the uncertainty of a specific calibration.

²When uncertainty is stated in relative terms (such as percent, a multiplier expressed as a decimal fraction or in scientific notation), it is in relation to instrument reading or instrument output, as appropriate, unless otherwise indicated.

* If information in this CMC is presented in non-SI units, the conversion factors stated in NIST Special Publication 811 "Guide for the Use of the International System of Units (SI)" apply.

CL-204

ADVANCED CONSTRUCTION TECHNOLOGY SERVICES

Effective Date November 21, 2025

Page 2 of 2

IAS/CL/101-4



IAS is an ILAC MRA Signatory