



INTERNATIONAL
ACCREDITATION
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CERTIFICATE OF ACCREDITATION

This is to attest

SOLAR STAR FOR TRAINING AND EQUIPMENT

BLDG 513, ZONE 91, STREET 3085, BIRKAT AL AWAMER
DOHA, 45789, QATAR

Calibration Laboratory CL-309

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 July 1, 2026

Effective Date June 2, 2025



International Accreditation Service

Issued under the authority of IAS management

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SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | www.iasonline.org

SOLAR STAR FOR TRAINING AND EQUIPMENT

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Accredited to ISO/IEC 17025:2017

Effective Date June 8, 0015

CALIBRATION AND MEASUREMENT CAPABILITY (CMC)*

MEASURED QUANTITY or DEVICE TYPE CALIBRATED	RANGE	UNCERTAINTY ^{1,2} (±)	CALIBRATION METHOD OR PROCEDURE, STANDARD EQUIPMENT USED (OPTIONAL)
Dimensional			
Automatic level	Angle: 0° to 360°	0.57°	Using multi tooth indexing table by Direct measurement method
Total station	Angle: 0° to 360°	7.5"	Using multi tooth indexing table by Direct measurement method
	Distance: 1 meter to 10 meter	1.6 mm	Using measuring tape by Direct measurement method
Mechanical			
Weighing balance ³	1 mg to 220 mg	0.064 mg	Using E1 class weights by Direct measurement method
	220 mg to 420 g	0.9 mg	
	420 g to 1 kg	5.7 mg	
	1 kg to 4 kg	6.5 mg	
	4 kg to 31 kg	64 mg	
31 kg to 90 kg	5.8 g		
Sound level meter	Discrete Values 94 dB & 114 dB	0.7 dB	Using sound level calibrator by Direct measurement method
Thermal			
RTD / Thermocouple with or without Indicator / Controller, Temperature Gauge ³	50 °C to 600 °C	0.83 °C	Using field metrology well by direct measurement method
	600 °C to 1200 °C	1.1 °C	

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

* 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.



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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.

³Also applicable for site calibration. Note that actual measurement uncertainties achievable at a customer's site can normally be expected to be larger than the uncertainties listed on this Scope of Accreditation.

