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CERTIFICATE OF ACCREDITATION

This is to attest

INDUSTRIAL INSTRUMENTATION CO. LTD

P.O. BOX 35938
JUBAIL, 31961, SAUDI ARABIA

Calibration Laboratory CL-195

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 August 1, 2027
Effective Date February 9, 2026



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 101, Brea, California 92821, U.S.A. | www.iasonline.org

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Accredited to ISO/IEC 17025:2017

Effective Date February 9, 2026

CALIBRATION AND MEASUREMENT CAPABILITY (CMC)*

MEASURED QUANTITY or DEVICE TYPE CALIBRATED	RANGE	UNCERTAINTY ^{1,2} (±)	CALIBRATION METHOD OR PROCEDURE, STANDARD EQUIPMENT (OPTIONAL)
Dimensional			
Coating Thickness Gauge	25 µm to 1500 µm	3.7 µm	Coating thickness foils standards by Direct Method
Dial Gauge	0 mm to 25 mm	1.2 µm	Dial Gauge Calibrator by comparison method
Vernier Calipers	0 mm to 150 mm	13 µm	Gauge Block Set by Direct Method
Micrometers	0 mm to 150 mm	6.7 µm	Gauge Block Set by Direct Method
Mechanical			
Pressure Gauge, Pressure Transmitter, and Pressure Switch	10 psi to 40000 psi	1.4 %	Digital Pressure gauge by Comparison method
Pressure relief valve	0.1 bar to 700 bar	2.7 %	Digital Pressure gauge by Comparison method
Torque wrenches	50 N m to 300 N m	6.5 %	Torque Wrench Calibrator by comparison method
	300 N m to 1500 N m	0.79 %	
Thermal			
Temperature gauge, and Temperature transmitter	−55 °C to 650 °C	0.87 °C	Reference PRT with reader by comparison method
RTD / Thermocouple with and without indicator	−55 °C to 650 °C	0.87 °C	RTD calibrator and / or thermocouple calibrator by Comparison method
Welding ovens	50 °C to 500 °C	2.6 °C	Reference PRT with reader by comparison method

* 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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MEASURED QUANTITY or DEVICE TYPE CALIBRATED	RANGE	UNCERTAINTY ^{1,2} (±)	CALIBRATION METHOD OR PROCEDURE, STANDARD EQUIPMENT (OPTIONAL)
<i>Electrical – DC/LF</i>			
Welding machines	1 A to 750 A	2.5 %	Load-bank with Clamp meter by comparison method
	1 V to 50 V @ 50 Hz AC	2.5 %	
	1 V to 50 V DC	2.5 %	

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.

