



# CERTIFICATE OF ACCREDITATION

*This is to attest that*

## **AL JAZEERA ENGINEERING LABORATORIES – CALIBRATION DIVISION**

P.O. BOX NO. 300, BUILDING NO. 106, ZONE 57, STREET 43  
DOHA 300, STATE OF QATAR

### **Calibration Laboratory CL-191**

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.

Effective Date April 12, 2023

Expiration Date July 1, 2025



A handwritten signature in black ink that reads 'Raj Nathan'.

**President**

Visit [www.iasonline.org](http://www.iasonline.org) for current accreditation information.

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | [www.iasonline.org](http://www.iasonline.org)

## AL JAZEERA ENGINEERING LABORATORIES – CALIBRATION DIVISION

[www.aljazeeralabs.com.com](http://www.aljazeeralabs.com.com)

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Accredited to ISO/IEC 17025:2017

Effective Date April 12, 2023

### CALIBRATION AND MEASUREMENT CAPABILITY (CMC)\*

MEASURED QUANTITY or DEVICE TYPE CALIBRATED	RANGE	UNCERTAINTY <sup>1,2</sup> (±)	CALIBRATION METHOD OR PROCEDURE, STANDARD EQUIPMENT (OPTIONAL)
<i>Mechanical</i>			
Batch Mix Plant Scales	10 kg to 25 kg 25 kg to 200 kg 200 kg to 2000 kg 2000 kg to 3500 kg 3500 kg to 7500 kg 7500 kg to 10000 kg	0.03 kg 0.58 kg 1.2 kg 2.9 kg 5.8 kg 10 kg	Using M1 class CI Weights by direct/ substitution method as per ASTM C94/C94M-16a-
Weights (M1 class and coarser)	1 kg 2 kg 5 kg 10 kg 20 kg	0.02 g 0.02 g 0.02 g 0.2 g 0.3 g	JEL/CM/03 based on OIML R 111-1, by ABBA method using F1 class stainless steel weights

<sup>1</sup>The 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.

<sup>2</sup>When 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.