



INTERNATIONAL  
ACCREDITATION  
SERVICE®

# CERTIFICATE OF ACCREDITATION

*This is to attest*

## **THREE LIONS TRADING COMPANY WLL**

OFFICE 101, BUILDING 1996, ROAD 1527, BLOCK 115, P.O BOX:13078,  
BAHRAIN INVESTMENT WHARF (BIW) AL HIDD, MU 115, BAHRAIN

### **Calibration Laboratory CL-329**

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 November 1, 2027

Effective Date October 23, 2026



*International Accreditation Service*

Issued under the authority of IAS management

Visit [www.iasonline.org](http://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](http://www.iasonline.org)

## THREE LIONS TRADING COMPANY WLL

[www.3lionsgroup.com](http://www.3lionsgroup.com)

**Contact Name** Roshin Chacko Mathew

**Contact Phone** +973 34018436

**Accredited to** ISO/IEC 17025:2017

**Effective Date** October 23, 2026

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

| MEASURED<br>QUANTITY or DEVICE<br>TYPE CALIBRATED | RANGE                                                                                          | UNCERTAINTY <sup>1,2</sup><br>(±)             | CALIBRATION METHOD OR<br>PROCEDURE, STANDARD<br>EQUIPMENT (OPTIONAL)                        |
|---------------------------------------------------|------------------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------------------------------------------------------------------|
| <b>Mechanical</b>                                 |                                                                                                |                                               |                                                                                             |
| Pressure Gauges <sup>4</sup>                      | 0 bar < x ≤ 1000 bar                                                                           | 0.95 bar                                      | Using Reference digital pressure gauge with hydraulic pressure comparator Comparison method |
| <b>Electrical – DC/LF</b>                         |                                                                                                |                                               |                                                                                             |
| DC Voltage – Generate <sup>3,4</sup>              | 0 V < x ≤ 2 V<br>2 V < x ≤ 20 V<br>20 V < x ≤ 200 V<br>200 V < x ≤ 1000 V                      | 5.2 mV<br>52 mV<br>0.38 V<br>2 V              | Using Multifunction Calibrator by Direct Method                                             |
| AC Voltage – Generate <sup>3,4</sup><br>@50 Hz    | 0.5 V ≤ x ≤ 2 V<br>2 V < x ≤ 20 V<br>20 V < x ≤ 200 V<br>200 V < x ≤ 1000 V                    | 71 mV<br>0.17 V<br>0.62 V<br>4.3 V            | Using Multifunction Calibrator by Direct Method                                             |
| DC Current – Generate <sup>3,4</sup>              | 0 mA < x ≤ 2 mA<br>2 mA < x ≤ 20 mA<br>20 mA < x ≤ 200 mA<br>0.2 A < x ≤ 2 A<br>2 A < x ≤ 10 A | 6.3 uA<br>26 uA<br>0.25 mA<br>6.2 mA<br>15 mA | Using Multifunction Calibrator by Direct Method                                             |
| AC Current – Generate <sup>3,4</sup><br>@50 Hz    | 1 mA ≤ x ≤ 20 mA<br>20 mA < x ≤ 200 mA<br>0.2 A < x ≤ 2 A<br>2 A < x ≤ 10 A                    | 3 %<br>1.1 mA<br>12 mA<br>22 mA               | Using Multifunction Calibrator by Direct Method                                             |

<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.

\* 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-329

THREE LIONS TRADING COMPANY WLL

Effective Date October 23, 2026

Page 2 of 3

IAS/CL/100-3



# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 101, Brea, California 92821, U.S.A. | [www.iasonline.org](http://www.iasonline.org)

<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.

<sup>3</sup>Capability is suitable for the calibration of measuring devices in the stated ranges.

<sup>4</sup>Also available as 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.

