

International Accreditation Service, Inc.

This accreditation is suspended as of
May 25, 2026.

Please contact IAS for current information.

562-364-8201, ext. 3309
iasinfo@iasonline.org



INTERNATIONAL
ACCREDITATION
SERVICE®

CERTIFICATE OF ACCREDITATION

This is to attest

ADVANCED TECHNICAL SERVICE COMPANY FOR INDUSTRIAL INSPECTION AND RADIOLOGICAL SERVICES WLL (ATSI)

PLOT 5A BLOCK 31
MINA ABDULLA INDUSTRIAL AREA, KUWAIT

Calibration Laboratory CL-261

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 May 1, 2027
Effective Date March 25, 2025



International Accreditation Service
Issued under the authority of IAS management

Visit 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

ADVANCED TECHNICAL SERVICE COMPANY FOR INDUSTRIAL INSPECTION AND RADIOLOGICAL SERVICES WLL (ATSI)

www.ats-kw.com

Contact Name Bobby Sadanandan

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Accredited to ISO/IEC 17025:2017

Effective Date March 25, 2025

CALIBRATION AND MEASUREMENT CAPABILITY (CMC)*

| MEASURED QUANTITY or DEVICE TYPE CALIBRATED | RANGE | UNCERTAINTY ^{1,2} (±) | CALIBRATION METHOD OR PROCEDURE, STANDARD EQUIPMENT (OPTIONAL) |
|---|---|--|--|
| Dimensional | | | |
| Calipers | Up to 150 mm | 5.8 µm | L3-ATS-CA-M-004 Gauge block set (Grade 0) IS 16491 |
| Micrometers (External) | Up to 25 mm Up to 150 mm | 0.61 µm 5.8 µm | L3-ATS-CA-M-005 Gauge block set (Grade 0) BS 870 |
| Dial Gauges | Up to 25 mm | 2.4 µm | L3-ATS-CA-M-002 Dial indicator Tester IS 2092 |
| Feeler Gauges | 0.04 mm to 5 mm | 2.0 µm | L3-ATS-CA-M-001 Digital Micrometer IS 3179 |
| Tapes and Scales | Up to 1000 mm | 60 µm | L3-ATS-CA-M-018 Tape and Scale Calibration unit IS 1481 |
| Ultrasonic Thickness Gauge | 2 mm to 20 mm | 58 µm | L3-ATS-CA-M-014 Ultrasonic Test Sample BS EN 15317 |
| Mechanical | | | |
| Pressure Measuring Equipment | -1 bar to 0 bar 0.03 bar to 2 bar 2 bar to 20 bar 20 bar to 35 bar | 0.21 mbar 0.42 mbar 2.8 mbar 4.7 mbar | L3-ATS-CA-M-009 Pressure comparator Additel 949, |

* 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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|--|---|---|---|
| Pressure Measuring Equipment (continued) | 35 bar to 100 bar 100 bar to 140 bar 140 bar to 350 bar 350 bar to 2000 bar | 19 mbar 22 mbar 0.08 bar 0.40 bar | Dead Weight Testers Fluke P3023 mbar-P, P3032 or P3830 DKD R6-1 L3-ATS-CA-M-009 Dead Weight Testers Fluke P3023 mbar-P, P3032 or P3830 DKD R6-1 |
| Weighing Balances | Up to 4000 g Up to 30 kg | 6.0 mg 0.06 g | L3-ATS-CA-M-012 Standard OIML E1 Class Weight set OIML R-76 |
| Thermal | | | |
| Temperature Calibration for Baths, Chillers, Furnace, Incubator, Freezer, Oven, Hot plates, Autoclaves and Slide warmers | -35 °C to 120 °C 120 °C to 660 °C 660 °C to 1200 °C | 0.06 °C 0.11 °C 0.75 °C | L3-ATS-CA-T-009 Precision Thermometer Millik With SPRT and S type T/C probe By direct method |
| Temperature calibration for RTD, Thermocouples, Recorders and Temperature Loggers | -35 °C to 120 °C 120 °C to 600 °C 600 °C to 1200 °C | 0.01 °C 0.09 °C 0.75 °C | L3-ATS-CA-T-004 Precision Thermometer Millik With SPRT and S type T/C probe by comparison method, as per EURAMET CG-11 |
| Infrared Thermometer | -15 °C to 0 °C 0 °C to 40 °C 40 °C to 120 °C | 0.53 °C 0.62 °C 0.75 °C | L3-ATS-CA-T-005 Fluke 4180 IR Calibrator ASTM E 2847-14 |
| Electrical – DC/LF | | | |
| DC Voltage - Generate ³ | 10 mV to 200 mV 200 mV to 2 V 2 V to 20 V 20 V to 200 V 200 V to 1000 V | 0.003 % 0.002 % 0.002 % 0.004 % 0.003 % | L3-ATS-CA-E-002 Multifunction Calibrator 5025C EURAMET CG-15 |
| AC Voltage - Generate ³ (40 Hz to 1 kHz) | 10 mV to 200 mV 200 mV to 2 V 2 V to 20 V 20 V to 200 V 200 V to 1000 V | 0.10 % 0.086 % 0.091 % 0.036 % 0.066 % | L3-ATS-CA-E-002 Multifunction Calibrator 5025C EURAMET CG-15 |
| DC Resistance - Generate ³ | 1 Ω to 200 Ω 200 Ω to 2 kΩ 2 kΩ to 20 kΩ 20 kΩ to 200 kΩ 200 kΩ to 2 MΩ 2 MΩ to 20 MΩ 20 MΩ to 100 MΩ | 0.013 % 0.020 % 0.015 % 0.015 % 0.024 % 0.10 % 0.10 % | L3-ATS-CA-E-002 Multifunction Calibrator 5025C EURAMET CG-15 |

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|---|--|--|--|
| Insulation DC Resistance - Generate ³ | 100 kΩ to 1 MΩ 1 MΩ to 10 MΩ 10 MΩ to 100 MΩ 100 MΩ to 1 GΩ 1 GΩ to 10 GΩ 10 GΩ to 20 GΩ 20 GΩ to 40 GΩ 40 GΩ to 60 GΩ 60 GΩ to 80 GΩ 80 GΩ to 100 GΩ | 0.09 % 0.10 % 1.2 % 0.10 % 0.58 % 1.1 % 2.3 % 3.5 % 4.6 % 5.8 % | L3-ATS-CA-E-006 Insulation Tester Calibrator By direct method |
| DC Current - Generate ³ | 1 μA to 200 μA 200 μA to 2 mA 2 mA to 20 mA 20 mA to 200 mA 200 mA to 2 A 2 A to 10 A | 0.015 % 0.008 % 0.007 % 0.007 % 0.011 % 0.029 % | L3-ATS-CA-E-002 Multifunction Calibrator 5025C EURAMET CG-15 |
| AC Current - Generate ³ (40 Hz to 500 Hz) | 1 mA to 20 mA 20 mA to 200 mA 200 mA to 2 A 2 A to 10 A | 0.11 % 0.12 % 0.11 % 0.13 % | L3-ATS-CA-E-002 Multifunction Calibrator 5025C EURAMET CG-15 |
| DC Voltage – Measure ⁴ | 1 mV to 300 mV 300 mV to 3 V 3 V to 10 V 10 V to 30 V 30 V to 100 V 100 V to 300 V 300 V to 1000 V | 0.006 % 0.004 % 0.002 % 0.005 % 0.003 % 0.009 % 0.004 % | L3-ATS-CA-E-001 5075 precision Multimeter Comparison method by using 8½ digit Digital Multimeter |
| DC High Voltage - Measure ⁴ | 2 kV to 40 kV | 2.4 % | L3-ATS-CA-E-008 HV Probe (Fluke 80k-40) 5075 Precision Multimeter Direct measurement using HV Probe Fluke 80k-40 and Digital Multimeter |
| AC Voltage – Measure ⁴ (40 Hz to 20 kHz) | 1 mV to 300 mV 300 mV to 3 V 3 V to 30 V 30 V to 300 V 300 V to 1 kV | 0.09 % 0.19 % 0.19 % 0.23 % 0.10 % | L3-ATS-CA-E-001 5075 precision Multimeter Comparison method by using 8½ digit Digital Multimeter |
| AC High Voltage - Measure ⁴ | 1 kV to 20 kV | 6.3 % | L3-ATS-CA-E-008 HV Probe (Fluke 80k-40) 5075 precision Multimeter Direct measurement using HV Probe Fluke 80k-40 and Digital Multimeter |
| DC Current – Measure ⁴ | 1 μA to 100 μA 100 μA to 300 μA | 0.010 % 0.013 % | L3-ATS-CA-E-001 5075 precision Multimeter |

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|--|---|---|--|
| DC Current – Measure ⁴ (continued) | 300 µA to 1 mA 1 mA to 10 mA 10 mA to 30 mA 30 mA to 100 mA 100 mA to 300 mA 300 mA to 1 A 1 A to 3 A 3 A to 10 A 10 A to 20 A | 0.010 % 0.013 % 0.013 % 0.011 % 0.023 % 0.019 % 0.079 % 0.076 % 0.056 % | Comparison method by using 8½ digit Digital Multimeter L3-ATS-CA-E-001 5075 precision Multimeter Comparison method by using 8½ digit Digital Multimeter |
| AC Current - Measure ⁴ | (40 Hz to 1 kHz) 10 µA to 300 µA 300 µA to 3 mA 3 mA to 30 mA 30 mA to 300 mA (40 Hz to 400 Hz) 300 mA to 3 A 3 A to 20 A | 0.25 % 0.023 % 0.23 % 0.23 % 0.23 % 0.17 % | L3-ATS-CA-E-001 5075 precision Multimeter Comparison method by using 8½ digit Digital Multimeter |
| DC Resistance - Measure ⁴ | 0.1 Ω to 1 Ω 1 Ω to 10 Ω 10 Ω to 100 Ω 100 Ω to 1 kΩ 1 kΩ to 10 kΩ 10 kΩ to 100 kΩ 100 kΩ to 1 MΩ 1 MΩ to 10 MΩ 10 MΩ to 100 MΩ | 0.007 % 0.005 % 0.004 % 0.004 % 0.005 % 0.009 % 0.015 % 0.10 % | L3-ATS-CA-E-001 5075 precision Multimeter Comparison method by using 8½ digit Digital Multimeter |
| DC Current Clamp | 20 A to 600 A 600 A to 1000 A | 0.55 % 0.53 % | L3-ATS-CA-E-002 Multifunction Calibrator 5025C |
| AC Current Clamp (@ 50 Hz) | 20 A to 600 A 600 A to 1000 A | 0.69 % 0.65 % | By Direct Method using Multifunction Calibrator and Current Coil |

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|---|---|---|--|
| Electrical Simulation of Thermocouples and RTDs | | | L3-ATS-CA-E-005 Multifunction Calibrator 5025C By Direct method by using Multifunction Calibrator 5025C |
| TC Type-K | -190 °C to 1200 °C | 0.33 °C | |
| TC Type-J | -180 °C to 1000 °C | 0.73 °C | |
| TC Type-R | 0 °C to 1000 °C | 2.1 °C | |
| TC Type-T | -180 °C to 350 °C | 0.23 °C | |
| RTD (PT-100) | -180 °C to 800 °C | 0.11 °C | |
| Time and Frequency | | | |
| Tachometer (Non-contact type) | 60 rpm to 600 rpm 600 rpm to 6000 rpm 6000 rpm to 30000 rpm 30000 rpm to 90000 rpm | 0.07 rpm 0.60 rpm 0.83 rpm 3.7 rpm | L3-ATS-CA-E-004 Multifunction Calibrator 5025C SANAS TR-45 Direct method by using Multifunction Calibrator 5025C. |
| Chemical/Gas | | | |
| Gas Monitors and Detectors | | | L3-ATS-CA-G-001 Direct method by using standard Reference Gases |
| Hydrogen Sulfide (H ₂ S) | 25 parts in 10 ⁶ | 2 % | |
| Carbon Monoxide (CO) | 50 parts in 10 ⁶ | 2 % | |
| Methane (CH ₄) | 50 % LEL | 2 % | |
| Oxygen (O ₂) | 18 % | 2 % | |

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.

³Capability is suitable for the calibration of measuring devices in the stated ranges.

⁴Capability is suitable for the calibration of devices intended to generate the indicated quantity in the stated ranges.

⁵LEL= Lower explosive limit

