



INTERNATIONAL
ACCREDITATION
SERVICE®

CERTIFICATE OF ACCREDITATION

This is to attest

MEJDAF TRADING COMPANY

SERVICE & CALIBRATION LABORATORY
2761 PRINCE MISHA'AL STREET
AL KHOBAR, 34429, SAUDI ARABIA

Calibration Laboratory CL-318

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 July 29, 2026



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

MEJDAF TRADING COMPANY

www.mejdaf.com

Contact Name Mr. Conrado Eugenio III

Contact Phone +966-534550061

Accredited to ISO/IEC 17025:2017

Effective Date July 29, 2026

CALIBRATION AND MEASUREMENT CAPABILITY (CMC)*

MEASURED QUANTITY or DEVICE TYPE CALIBRATED	RANGE	UNCERTAINTY ^{1,2} (±)	CALIBRATION METHOD OR PROCEDURE, STANDARD EQUIPMENT (OPTIONAL)
Mechanical			
Sound Level Meter @ 1 kHz	94 dB 114 dB	0.43 dB 0.51 dB	Direct Method by using Sound Level Calibrator
Pressure Gauge (Pneumatic)	0.1 MPa to 6 MPa	0.00068 MPa	Direct method by using Deadweight Tester
Pressure Gauge (Hydraulic)	0 MPa to 70 MPa	0.016 MPa	Comparison Method by using Reference Pressure Gauge and Comparator.
Thermal			
Temp Dry Block Calibrator/ Liquid Bath	-45 °C to 250 °C 250 °C to 350 °C 350 °C to 660 °C	0.023 °C 0.027 °C 0.049 °C	Direct method by using SPRT and Precision Temperature Readout
Temp Indicator with/without sensor/ Thermometer	-45 °C to 140 °C 140 °C to 400 °C 400 °C to 660 °C	0.031 °C 0.29 °C 0.46 °C	Comparison method by using SPRT, Precision Temperature Readout & Thermal Source
Electrical – DC/LF			
DC Voltage – Generate ³	0 mV to 329.9999 mV 330 mV to 3.299999 V 3.3 V to 32.99999 V 33 V to 329.9999 V 330 V to 1000 V	1.1 µV + 0.0018 % 0.0017 % 0.0017 % 0.0018 % 0.0019 %	Direct Method Using Multi-Product Calibrator
DC Current – Generate ³	0 µA to 329.999 µA 330 µA to 3.29999 mA 3.3 mA to 32.9999 mA 33 mA to 329.999 mA 0.33 A to 1.09999 A 1.1 A to 2.99999 A 3 A to 10.9999 A 11 A to 20 A	0.017 µA + 0.012 % 0.017 % 0.018 % 0.020 % 0.04 % 0.04 % 0.048 % 0.082 %	Direct Method Using Multi-Product Calibrator

* 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.



SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 101, Brea, California 92821, U.S.A. | www.iasonline.org

MEASURED QUANTITY or DEVICE TYPE CALIBRATED	RANGE	UNCERTAINTY ^{1,2} (±)	CALIBRATION METHOD OR PROCEDURE, STANDARD EQUIPMENT (OPTIONAL)
AC Voltage – Generate ³	10 mV to 32.999 mV (10 Hz to 45 Hz)	0.066 % + 0.24 µV	Direct Method Using Multi-Product Calibrator
	(45 Hz to 10 kHz)	0.04 % + 1.2 µV	
	(10 kHz to 20 kHz)	0.02 % + 0.81 µV	
	(20 kHz to 50 kHz)	0.08 % + 0.078 µV	
	(50 kHz to 100 kHz)	0.29 % + 0.032 µV	
	(100 kHz to 500 kHz)	0.64 %	
	33 mV to 329.999 mV (10 Hz to 45 Hz)	0.024 %	
	(45 Hz to 10 kHz)	0.0057 %	
	(10 kHz to 20 kHz)	0.0071 %	
	(20 kHz to 50 kHz)	0.032 %	
	(50 kHz to 100 kHz)	0.11 %	
	(100 kHz to 500 kHz)	0.40 %	
	0.33 V to 3.29999 V (10 Hz to 45 Hz)	0.024 %	
	(45 Hz to 10 kHz)	0.013 %	
	(10 kHz to 20 kHz)	0.016 %	
	(20 kHz to 50 kHz)	0.024 %	
	(50 kHz to 100 kHz)	0.056 %	
	(100 kHz to 500 kHz)	0.19 %	
	3.3 V to 32.9999 V (10 Hz to 45 Hz)	0.024 %	
	(45 Hz to 10 kHz)	0.013 %	
	(10 kHz to 20 kHz)	0.015 %	
	(20 kHz to 50 kHz)	0.024 %	
	(50 kHz to 100 kHz)	0.057 %	
	33 V to 329.999 V (45 Hz to 1 kHz)	0.013 %	
	(1 kHz to 10 kHz)	0.013 %	
	(10 kHz to 20 kHz)	0.016 %	
	(20 kHz to 50 kHz)	0.024 %	
	(50 kHz to 100 kHz)	0.16 %	
	330 V to 1000 V (45 Hz to 1 kHz)	0.025 %	
	(1 kHz to 5 kHz)	0.016 %	
	(5 kHz to 10 kHz)	0.024 %	
AC Current – Generate ³	100 µA to 329.99 µA (10 Hz to 20 Hz)	0.18 %	Direct Method Using Multi-product Calibrator
	(20 Hz to 45 Hz)	0.14 %	
	(45 Hz to 1 kHz)	0.11 %	
	(1 kHz to 5 kHz)	0.25 %	



SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 101, Brea, California 92821, U.S.A. | www.iasonline.org

MEASURED QUANTITY or DEVICE TYPE CALIBRATED	RANGE	UNCERTAINTY ^{1,2} (±)	CALIBRATION METHOD OR PROCEDURE, STANDARD EQUIPMENT (OPTIONAL)
	(5 kHz to 10 kHz) (10 kHz to 30 kHz)	0.65 % 1.6 %	
	0.33 mA to 3.29999 mA (10 Hz to 20 Hz) (20 Hz to 45 Hz) (45 Hz to 1 kHz) (1 kHz to 5 kHz) (5 kHz to 10 kHz) (10 kHz to 30 kHz)	0.16 % 0.1 % 0.08 % 0.16 % 0.40 % 0.80 %	
	3.3 mA to 32.9999 mA (10 Hz to 20 Hz) (20 Hz to 45 Hz) (45 Hz to 1 kHz) (1 kHz to 5 kHz) (5 kHz to 10 kHz) (10 kHz to 30 kHz)	0.14 % 0.070 % 0.035 % 0.065 % 0.17 % 0.32 %	
	33 mA to 329.999 mA (10 Hz to 45 Hz) (45 Hz to 1 kHz) (1 kHz to 5 kHz) (5 kHz to 10 kHz) (10 kHz to 30 kHz)	0.07 % 0.035 % 0.08 % 0.17 % 0.32 %	
	0.33 A to 2.99999 A (10 Hz to 45 Hz) (45 Hz to 1 kHz) (1 kHz to 5 kHz) (5 kHz to 10 kHz)	0.15 % 0.05 % 0.48 % 2 %	
	3 A to 20 A (45 Hz to 100 Hz) (100 Hz to 1 kHz) (1 kHz to 5 kHz)	0.1 % 0.13 % 2.4 %	
Resistance (4-Wire) – Generate ³	0 Ω to 10.99999 Ω 11 Ω to 32.9999 Ω 33 Ω to 109.9999 Ω 110 Ω to 329.999 Ω 330 Ω to 1.09999 kΩ 1.1 kΩ to 3.29999 kΩ 3.3 kΩ to 10.9999 kΩ 11 kΩ to 32.9999 kΩ 33 kΩ to 100 kΩ	0.81 mΩ + 0.0043 % 0.011 % 0.0050 % 0.004 % 0.008 % 0.0095 % 0.0045 % 0.0035 % 0.0015 %	Direct Method Using Multi- product Calibrator
Resistance (2-Wire) – Generate ³	100 kΩ to 329.999 kΩ 330 kΩ to 1.09999 MΩ	0.004 % 0.004 %	Direct Method Using Multi- product Calibrator



SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 101, Brea, California 92821, U.S.A. | www.iasonline.org

MEASURED QUANTITY or DEVICE TYPE CALIBRATED	RANGE	UNCERTAINTY ^{1,2} (±)	CALIBRATION METHOD OR PROCEDURE, STANDARD EQUIPMENT (OPTIONAL)
	1.1 MΩ to 3.29999 MΩ 3.3 MΩ to 10.9999 MΩ 11 MΩ to 32.9999 MΩ 33 MΩ to 109.999 MΩ 110 MΩ to 329.999 MΩ 330 MΩ to 1 GΩ	0.011 % 0.012 % 0.033 % 0.045 % 0.30 % 1.3 %	
Capacitance – Generate ³ @ 1 kHz	300 pF to 399.9 pF 0.4 nF to 1.0999 nF 1.1 nF to 3.2999 nF 3.3 nF to 10.9999 nF 11 nF to 32.9999 nF 33 nF to 109.999 nF 110 nF to 300 nF	0.0092 nF 0.012 nF 0.020 nF 0.029 nF 0.15 nF 0.28 nF 0.94 nF	Direct Method Using Multi-product Calibrator
Capacitance – Generate ³ @ 100 Hz	0.33 μF to 1.09999 μF 1.1 μF to 3.29999 μF 3.3 μF to 10.9999 μF 11 μF to 32.9999 μF 33 μF to 109.999 μF	0.0028 μF 0.0096 μF 0.029 μF 0.14 μF 0.44 μF	
Capacitance – Generate ³ @ 50 Hz	110 μF to 329.999 μF 0.33 mF to 10.9999 mF 11 mF to 32.9999 mF 33 mF to 100 mF	1.5 μF 4.3 μF 13 μF 43 μF	
AC/DC Current Clamp – Generate ³	5 A to 1000 A; DC	0.3 %	Direct Method Using Multiproduct Calibrator with 50-Turn Coil
	5 A to 1000 A; AC @ 45 Hz to 65 Hz	0.3 %	
Thermocouple Simulation – Measure / Generate ³ Type B Type C Type E Type J Type K Type N Type R / S Type T	600 °C to 1800 °C 0 °C to 2300 °C -250 °C to 1000 °C -200 °C to 1200 °C -200 °C to 1300 °C -200 °C to 1300 °C 0 °C to 1700 °C -250 °C to 400 °C	0.35 °C 0.66 °C 0.39 °C 0.21 °C 0.32 °C 0.32 °C 0.45 °C 0.49 °C	Direct Method Using Multi-product Calibrator and Thermocouple Simulation Direct Output/Measure
DC Voltage – Measure ⁴	0 mV to 200 mV 0.2 V to 2 V 2 V to 20 V 20 V to 200 V 200 V to 1000 V	0.00095 mV 0.00012 V 0.00013 V 0.00083 V 0.0047 V	Direct Method Using Reference Multimeter
DC Current – Measure ⁴	0 μA to 200 μA 0.2 mA to 2 mA 2 mA to 20 mA 20 mA to 200 mA 0.2 A to 2 A	0.0019 μA 0.13 μA 0.22 μA 6.6 μA 0.03 %	Direct Method Using Reference Multimeter

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 101, Brea, California 92821, U.S.A. | www.iasonline.org

MEASURED QUANTITY or DEVICE TYPE CALIBRATED	RANGE	UNCERTAINTY ^{1,2} (±)	CALIBRATION METHOD OR PROCEDURE, STANDARD EQUIPMENT (OPTIONAL)
	2 A to 10 A	0.047 %	
AC Voltage – Measure ⁴	100 mV to 200 mV (20 Hz to 40 Hz) (40 Hz to 100 Hz) (100 Hz to 2 kHz) (2 kHz to 10 kHz) (10 kHz to 30 kHz) (30 kHz to 100 kHz) 0.2 V to 2 V (20 Hz to 40 Hz) (40 Hz to 100 Hz) (100 Hz to 2 kHz) (2 kHz to 10 kHz) (10 kHz to 30 kHz) (30 kHz to 100 kHz) (100 kHz to 300 kHz) (300 kHz to 1 MHz) 2 V to 20 V (20 Hz to 40 Hz) (40 Hz to 100 Hz) (100 Hz to 2 kHz) (2 kHz to 10 kHz) (10 kHz to 30 kHz) (30 kHz to 100 kHz) (100 kHz to 300 kHz) (300 kHz to 1 MHz) 20 V to 200 V (20 Hz to 40 Hz) (40 Hz to 100 Hz) (100 Hz to 2 kHz) (2 kHz to 10 kHz) (10 kHz to 30 kHz) (30 kHz to 100 kHz) 200 V to 1000 V (50 Hz to 10 kHz) (10 kHz to 30 kHz)	0.012 % + 0.0038 mV 0.0098 % + 0.0037 mV 0.0090 % + 0.0024 mV 0.0096 % + 0.0038 mV 0.027 % + 0.0078 mV 0.059 % + 0.019 mV 0.0092 % + 0.018 mV 0.0072 % + 0.018 mV 0.0057 % + 0.018 mV 0.0072 % + 0.018 mV 0.019 % + 0.039 mV 0.043 % + 0.19 mV 0.23 % + 1.9 mV 0.78 % + 19 mV 0.0092 % + 0.18 mV 0.0072 % + 0.18 mV 0.0057 % + 0.18 mV 0.0072 % + 0.18 mV 0.019 % + 0.39 mV 0.043 % + 1.9 mV 0.23 % + 19 mV 0.78 % + 190 mV 0.0096 % + 0.0018 V 0.0077 % + 0.0017 V 0.0060 % + 0.0018 V 0.0074 % + 0.0018 V 0.019 % + 0.0039 V 0.043 % + 0.019 V 0.013 % 0.031 %	Direct Method Using Reference Multimeter
AC Current – Measure ⁴	100 µA to 200 µA (50 Hz to 10 kHz)	0.025 % + 0.019 µA	Direct Method Using Reference Multimeter



SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 101, Brea, California 92821, U.S.A. | www.iasonline.org

MEASURED QUANTITY or DEVICE TYPE CALIBRATED	RANGE	UNCERTAINTY ^{1,2} (±)	CALIBRATION METHOD OR PROCEDURE, STANDARD EQUIPMENT (OPTIONAL)
AC Current – Measure ⁴ (continued)	0.2 mA to 2 mA (50 Hz to 10 kHz)	0.024 %	Direct Method Using Reference Multimeter
	2 mA to 20 mA (50 Hz to 10 kHz)	0.024 %	
	20 mA to 200 mA (50 Hz to 10 kHz)	0.024 %	
	0.2 A to 2 A (50 Hz to 2 kHz) (2 kHz to 10 kHz)	0.055 % 0.063 %	
	2 A to 20 A (50 Hz to 2 kHz) (2 kHz to 10 kHz)	0.071 % 0.2 %	
Resistance – Measure ⁴	0 Ω to 2 Ω 2 Ω to 20 Ω 20 Ω to 200 Ω 200 Ω to 2 kΩ 2 kΩ to 20 kΩ 20 kΩ to 200 kΩ 0.2 MΩ to 2 MΩ 2 MΩ to 20 MΩ 20 MΩ to 200 MΩ 0.2 GΩ to 1 GΩ	0.00097 % + 0.0039 mΩ 0.00070 % + 0.015 mΩ 0.00070 % + 0.052 mΩ 0.00069 % + 0.52 mΩ 0.00069 % + 5.2 mΩ 0.00072 % + 0.052 Ω 0.00085 % + 0.96 Ω 0.0014 % + 0.094 kΩ 0.0038 % + 0.0093 MΩ 0.051 % + 0.94 MΩ	Direct Method Using Reference Multimeter
Capacitance – Measure ⁴	10 nF 100 nF 1 μF 10 μF 100 μF	0.072 nF 0.51 nF 0.0052 μF 0.041 μF 0.51 μF	Direct Method Using Reference Multimeter
Low Resistance (Active) – Source ³	100 mΩ to 4.99 Ω 5 Ω to 29.9 Ω 30 Ω to 199.9 Ω 200 Ω to 499 Ω 500 Ω to 1.999 kΩ 2 kΩ to 4.99 kΩ 5 kΩ to 10 kΩ	0.24 % + 7.8 mΩ 0.18 % + 7.0 mΩ 0.18 % + 9.2 mΩ 0.18 % + 10 mΩ 0.18 % + 40 mΩ 0.18 % + 100 mΩ 0.18 % + 400 mΩ	Direct Method Using Multifunction Electrical Tester Calibrator
High Resistance (Active) – Source ³	10 kΩ to 999.9 kΩ 1 MΩ to 9.999 MΩ 10 MΩ to 999.9 MΩ 1 GΩ to 10 GΩ	0.16 % 0.24 % 0.41 % 0.91 %	Direct Method Using Multifunction Electrical Tester Calibrator



SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 101, Brea, California 92821, U.S.A. | www.iasonline.org

MEASURED QUANTITY or DEVICE TYPE CALIBRATED	RANGE	UNCERTAINTY ^{1,2} (±)	CALIBRATION METHOD OR PROCEDURE, STANDARD EQUIPMENT (OPTIONAL)
High Resistance (Active) – Source ³ (continued)	100 GΩ (single value)	2.4 %	
	350 MΩ to 99.99 GΩ	0.91 %	Direct Method using Multifunction Electrical Tester Calibrator with Resistance Multiplier
	100 GΩ to 999.9 GΩ	1.6 %	
	1 TΩ to 10 TΩ	2.4 %	
DC Voltage Measure ⁴ (Electrical Safety)	0 V to 10 V 10 V to 100 V 100 V to 1100 V	0.13 % + 0.038 mV 0.16 % + 0.36 mV 0.16 % + 3.6 mV	Direct Method Using Multifunction Electrical Tester Calibrator
DC Current Measure ⁴ (Electrical Safety)	100 mA to 300 mA 300 mA to 3 A 3 A to 20 A	0.12 % + 0.00016 mA 0.12 % + 0.0018 mA 0.23 %	Direct Method Using Multifunction Electrical Tester Calibrator
AC Voltage Measure ⁴ (Electrical Safety)	0 V to 10 V (50 Hz to 400 Hz)	0.13 % + 0.038 mV	Direct Method Using Multifunction Electrical Tester Calibrator
	10 V to 200 V (50 Hz to 400 Hz)	0.16 % + 0.36 mV	
	200 V to 1000 V (60 Hz)	0.16 % + 3.6 mV	
AC Current Measure ⁴ (Electrical Safety)	100 mA to 300 mA (50 Hz to 400 Hz)	0.12 % + 0.15 µA	Direct Method Using Multifunction Electrical Tester Calibrator
	300 mA to 3 A (50 Hz to 400 Hz)	0.12 % + 0.0013 mA	
	3 A to 30 A (50 Hz to 400 Hz)	0.24 %	
DC Voltage Sourcing ³ (Electrical Safety)	20 V to 149.9 V 150 V to 600 V	0.091 % + 32 mV 0.090 % + 130 mV	Direct Method Using Multifunction Electrical Tester Calibrator
AC Voltage Sourcing ³ (Electrical Safety)	20 V to 99.99 V (50 Hz to 400 Hz)	0.091 % + 22 mV	Direct Method Using Multifunction Electrical Tester Calibrator
	100 V to 299.9 V (50 Hz to 400 Hz)	0.091 % + 64 mV	
	300 V to 600 V (50 Hz to 400 Hz)	0.091 % + 130 mV	
DC High Voltage – Measurement ⁴	1 kV to 10 kV	0.64 %	Direct Method Using Multifunction Electrical Tester Calibrator + 10 kV Adapter
	5 kV to 40 kV	2.3 %	Direct Method Using Multifunction Electrical Tester Calibrator + 80 K-40 kV Probe



SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 101, Brea, California 92821, U.S.A. | www.iasonline.org

MEASURED QUANTITY or DEVICE TYPE CALIBRATED	RANGE	UNCERTAINTY ^{1,2} (±)	CALIBRATION METHOD OR PROCEDURE, STANDARD EQUIPMENT (OPTIONAL)
AC High Voltage – Measurement ⁴ @50/60 Hz	1 kV to 7 kV	0.87 %	Direct method Using Multifunction Electrical Tester Calibrator + 10 kV Adapter
	7 kV to 25 kV	5.8 %	Direct Method Using Multifunction Electrical Tester Calibrator + 80 K-40 kV Probe
Time and Frequency			
Rotational Speed (RPM) – Optical Tachometers ³	6000 rpm to 99999 rpm	0.01 %	Comparison Using Frequency Source with Optical Pulse Converted
Frequency – Generate ³	100 Hz to 2 MHz	0.0002 %	Direct Method Using Multi- product Calibrator

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.

