CERTIFICATE OF ACCREDITATION

This is to attest that

PRIME INNOVATION

BUILDING NO 2099, AL AMIR NAYEF BIN ABDUL AZIZ STREET
RAS TANNURAH, 32817, SAUDI ARABIA

Calibration Laboratory CL-286

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 8, 2024

Expiration Date May 1, 2025

President

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

PRIME INNOVATION

www.primearabiagroup.com

Contact Name HARIKRISHNAN M **Contact Phone** +966-535082263

Accredited to ISO/IEC 17025:2017 *Effective Date April 8, 2024*

CALIBRATION AND MEASUREMENT CAPABILITY (CMC)*

MEASURED QUANTITY or DEVICE TYPE CALIBRATED	RANGE	UNCERTAINTY[1,2] (±)	CALIBRATION METHOD OR PROCEDURE, STANDARD EQUIPMENT (OPTIONAL)
Dimensional			
Vernier Caliper	600 mm	13 µm	Caliper checker/gauge block set, Prime procedure PRM-CALPR-VC-01, EN ISO 13385-1
Height Gauge	600 mm	13 µm	Caliper checker, gauge block set Prime procedure PRM-CALPR-HG-01, EN ISO 13225
Mechanical			
Vacuum Gauge	-0.9 bar to 0 bar	0.04 bar	Digital pressure gauge, Prime procedure PRM-CALPR-PG-00, DKD-R 6-1
Pressure Gauge/Pressure Relief Valve	10 bar to 700 bar	2.3 bar	
Pressure Gauge	50 bar to 2000 bar	9.3 bar	
Thermal			
RTD	-25 ˚C to 150 ˚C	0.85 ˚C	PT 100 & Liquid bath calibrator, Prime procedure PRM-CALPR-RTD-00, ASTM E644-11
Thermocouple	150 ˚C to 1100 ˚C	2.9 ˚C	Digital thermometer & dry block calibrator, Prime procedure PRM-CALPR-TC-00, ASTM E220-19

** 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)
Electrical – DC/LF			
DC Current Generate[3]	1 mA to 40 mA	0.06 mA	Multifunction calibrator with current coil, Prime procedure PRM-CALPR-DMM-00, EURAMET CG-15
	40 mA to 1 A	1.35 mA	
	1 A to 10 A	0.061 A	
AC Current Generate[3]	1 A to 100 A	2.0 mA	Multifunction calibrator with current coil, Prime procedure PRM-CALPR-DMM-00, EURAMET CG-15
	100 A to 1000 A	6.6 A	
DC Voltage Generate[3]	1 mV to 500 mV	0.40 mV	Multifunction calibrator with current coil, Prime procedure PRM-CALPR-DMM-00, EURAMET CG-15
	500 mV to 1000 V	0.12 V	
AC Voltage Generate[3]	1 V to 1000 V	0.61 V	Multifunction calibrator with current coil, Prime procedure PRM-CALPR-DMM-00, EURAMET CG-15
Resistance Generate[3]	1 Ω to 200 Ω 200 Ω to 200 kΩ 200 kΩ to 2 MΩ	0.069 Ω 0.024 kΩ 9.8 kΩ	Multifunction calibrator with current coil, Prime procedure PRM-CALPR-DMM-00, EURAMET CG-15
Frequency Generate[3]	1 kHz to 100 kHz	0.81 kHz	Multifunction calibrator with current coil, Prime procedure PRM-CALPR-DMM-00, EURAMET Cg-15

[1]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.

[2]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.

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