CERTIFICATE OF ACCREDITATION

This is to attest that

OMEGA MEASURING & CALIBRATION LABORATORY

AL QUOZ INDUSTRIAL AREA NO. 4
DUBAI 125349, UNITED ARAB EMIRATES

Calibration Laboratory CL-237

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 February 28, 2023

Expiration Date December 1, 2024

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

OMEGA MEASURING & CALIBRATION LABORATORY

www.sanbookomega.com

Contact Name Mr. Shivanand Kumar Ruhela

Contact Phone + 971 505250916

Accredited to ISO/IEC 17025:2017 *Effective Date February 28, 2023*

CALIBRATION AND MEASUREMENT CAPABILITY (CMC)*

MEASURED QUANTITY or DEVICE TYPE CALIBRATED	RANGE	UNCERTAINTY[1,2] (±)	CALIBRATION METHOD OR PROCEDURE, STANDARD EQUIPMENT (OPTIONAL)
Chemical/Gas			
Gas Analyzer/ Detector (SO_2)	Up to 500 ppm	3 %	Reference Gases and Dynamic Gas Calibrator by comparison method (BS EN 60079-29-2)
Gas Analyzer/ Detector (NO_2)	Up to 500 ppm	3 %	
Gas Analyzer/ Detector (NO)	Up to 1000 ppm	3 %	
Gas Analyzer/ Detector (CO)	Up to 300 ppm	3 %	
Gas Analyzer/ Detector (H_2S)	Up to 50 ppm	3 %	
Gas Analyzer/ Detector (NH_3)	Up to 300 ppm	3 %	
Gas Analyzer/ Detector (CO_2)	Up to 1000 ppm	3 %	
	Up to 10%	3 %	
Gas Analyzer/ Detector (O_2)	Up to 20.9 %	3 %	
Gas Analyzer/ Detector (VOC)	Up to 100 ppm	3 %	
Gas Analyzer/ Detector (CH_4)	Up to 5% (100% LEL)	3 %	
Gas Analyzer/ Detector (C_3H_8)	Up to 11000 ppm	3 %	
Gas Analyzer/ Detector (O_3)	Up to 1 ppm	3 %	O_3 Calibrator by Direct method (BS EN 60079-29-2)
Particle Count Devices (TSP, PM2.5, PM10)	Up to 1.0 g/m^3	3 %	Dust Monitor & Generator by comparison method (ISO 21501-4)

** 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.*

[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.