



CERTIFICATE OF ACCREDITATION

This is to attest that

ENDRESS AND HAUSER (ARABIA) LLC

STREET: 323, SUPPORT INDUSTRIAL AREA, JUBAIL II
JUBAIL, 31961, KINGDOM OF SAUDI ARABIA

Calibration Laboratory CL-235

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 January 25, 2023

Expiration Date November 1, 2024



A handwritten signature in black ink that reads 'Raj Nathan'.

President

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | www.iasonline.org

ENDRESS AND HAUSER (ARABIA) LLC

Contact Name Nagasekhar Chandagani

Contact Phone +966-536008066

Accredited to ISO/IEC 17025:2017

Effective Date January 25, 2023

CALIBRATION AND MEASUREMENT CAPABILITY (CMC)*

MEASURED QUANTITY or DEVICE TYPE CALIBRATED	RANGE	UNCERTAINTY ^{1,2} (±)	CALIBRATION METHOD OR PROCEDURE, STANDARD EQUIPMENT (OPTIONAL)
Mechanical			
Mass Flow Meters	0.24 kg/s to 6.00 kg/s	0.026 %	Gravimetric Method
	6.00 kg/s to 10.01 kg/s	0.031 %	
	8.37 kg/s to 27.87 kg/s	0.068 %	Comparison Method by using reference Flow Meter
Volume Flow Meters	0.24 L/s to 6.00 L/s	0.026 %	Gravimetric Method
	6.00 L/s to 10.01 L/s	0.031 %	
	8.39 L/s to 27.9 L/s	0.068 %	Comparison Method by using reference Flow Meter
On-Site Flow Calibration Rig - Mass Flow Meter ³	0.28 kg/s to 1.67 kg/s	0.15 %	Comparison Method by using reference Flow Meter
	1.67 kg/s to 8.33 kg/s	0.12 %	
On-Site Flow Calibration Rig - Volume Flow Meter ³	0.28 L/s to 1.67 L/s	0.17 %	Comparison Method by using reference Flow Meter
	1.67 L/s to 8.33 L/s	0.15 %	

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.

³Scope parameter applicable for onsite calibration only

* 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.