

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Cal-Corr Services & Repairs

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CALIBRATION

Valid to: **September 2, 2020**

Certificate Number: **L2010-1**

Mass

Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method and/or Equipment
Gas Flow	(0.001 to 849) L/min (0.000 3 to 30) ACFM	0.06 % of reading	Calibration of Air Flow Meters using Bell Provers
Liquid Flow	(0.001 to 115) L/min (0.000 3 to 30) gpm	0.05 % of reading	FSC Calibrator
	(0.25 to 190) L/min (0.065 to 50) gpm	0.05 % of reading	COX 305T Calibrator
	(0.05 to 1 515) L/min (0.013 to 400) gpm	0.05 % of reading	COX 311AHT Calibrator
Correlation of all COX Liquid Flow Weigh and Time Calibrators ¹	(0.05 to 1 515) L/min (0.013 to 400) gpm	0.05 % of reading	COX Nozzle Kit

Calibration and Measurement Capability (CMC) is expressed in terms of the measurement parameter, measurement range, expanded uncertainty of measurement and reference standard, method, and/or equipment. The expanded uncertainty of measurement is expressed as the standard uncertainty of the measurement multiplied by a coverage factor of 2 ($k=2$), corresponding to a confidence level of approximately 95%.

Notes:

1. On-site calibration service is available for this parameter, since on-site conditions are typically more variable than those in the laboratory, larger measurement uncertainties are expected on-site than what is reported on the accredited scope
2. This scope is formatted as part of a single document including Certificate of Accreditation No. L2010-1.



Vice President

