

ANNEXE 5 : CERTIFICAT DE CALIBRATION E-INSTRUMENTS COV



E Instruments
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CALIBRATION CENTER

Calibration Report No.: 21042114711 RMA#: N/A

Instrument Model No.: SI-AQ VOC Calibration Date: 04/21/21

Serial No.: 14711 Calibration Due Date: 4/21/22

Standards: O₂ Cert No.: EB0041719 GASCO
CO Cert No.: J101620PN MESA Air
NO Low Cert No.: CC508362 LIQUID TECHNOLOGY CORP
NO₂ Low Cert No.: EB0024989 GAS & SUPPLY
CO₂ Cert No.: EB0127585 GAS & SUPPLY
CO₂ High Cert No.: EB0035512 LIQUID TECHNOLOGY CORP
VOC Isobutylene Cert No.: EB0020878 GAS & AIR SUPPLY
CH₂O Formaldehyde Cert No.: EB0130540 AIRGAS
H₂S Cert No.: CC151257 AIRGAS

Temperature STD2.2.0002 E Instruments
Barometric Pressure STD2.2.0002 E Instruments
Pressure STD2.2.0002 E Instruments
%RH STD2.2.0002 E Instruments

Parameter	Unit	Standard	Reading	Actual Error	Test Limit	Stated Accuracy
O ₂	% vol				+/- 0.1 % vol	0.1 % vol
CO	ppm				+/- 0.7 ppm	+/- 0.7 ppm
CO ₂	ppm				10 ppm	10 ppm
CO ₂	%				+/- 0.29%	+/- 3% rdg
NO	ppm				+/- 2 ppm	+/- 2 ppm
NO	ppm				+/- 4.5 ppm	+/- 2 % rdg + 0.5 ppm
VOC	ppb	5000	5009	9.0	+/- 3 oC	+/- (0.3%rdg + 5 oC)
P	mbar	20	20	0.0	+/- 1 mbar	+/- 1 % rdg
P	mbar	-20	-20	0.0	+/- 1 mbar	+/- 1 % rdg
Ta	oC	21.6	21.6	0.0	+/- 0.5 °F	+/- (0.3%rdg + 0.3 °F)
%RH	%	38	38.0	0.0	+/- 0.7% R.H.	+/- 2% F.S.
BP	mbar	1013	1013.0	0.0	+/- 2 mbar	+/- 2 mbar

The gas reference standards used for this certificate are traceable to NIST through Scott Specialty Gas

Tech: Smail Cheballah

QA: L. B.