

ANNEXE 6 : CERTIFICAT DE CALIBRATION E-INSTRUMENTS GAZ



Sauermann

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CALIBRATION CENTER

Calibration Report No.: 21111212485

Instrument Model No.: AQ EXPERT

Serial No.: 12485

Calibration Date: 11/12/21

Calibration Due Date: 11/12/22

Standards:

O ₂	Cert No.: EB0041719	GASCO
CO	Cert No.: J101620PN	MESA Air
NO Low	Cert No.: CC508362	LIQUID TECHNOLOGY CORP
NO ₂ Low	Cert No.: EB0024989	GAS & SUPPLY
CO ₂	Cert No.: EB0127585	GAS & SUPPLY
CO ₂ High	Cert No.: EB0035512	LIQUID TECHNOLOGY CORP
VOC	Cert No.: EB0020878	GAS & AIR SUPPLY
CH ₂ O	Cert No.: EB0130540	AIRGAS
H ₂ S	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
CO ₂	ppm	2498	2498	0	10 ppm	10 ppm
NO ₂	ppm	8.2	8.0	-0.20	+/- 0.6 ppm	+/- 2% of rdg ±0.2 ppm
SO ₂	ppm	10.0	10.1	0.10	+/- 0.6 ppm	+/- 2 % FS ± 0.2 ppm
H ₂ S	ppm	20.22	19.9	-0.32	+/- 1 ppm	+/- 1 ppm
CH ₂ O	ppb	2180	2155	-25	+/- 50 ppb	50 ppb
O ₃	ppb	4100	4118	18	+/- 30 ppb	+/- 30 ppb
P	mbar	20	20.0	0.0	+/- 1 mbar	+/- 1 % rdg
P	mbar	-20	-20.1	-0.1	+/- 1 mbar	+/- 1 % rdg
Ta	°C	21.1	21.1	0.0	+/- 3 °C	+/- (0.3%rdg + 5 °C)
%RH	%	40.8	40.8	0.0	+/- 0.7% R.H.	+/- 2% F.S.
BP	mbar	1023	1023	0	+/- 2 mbar	+/- 2 mbar

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

Tech:

SC

QA:

SC