The Appendix is an integral part of
Certificate of Accreditation No. 396/2022 of 11/08/2022

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Technické služby ochrany ovzduší Praha a.s.
Emission Calibration Laboratory
Jenečská 146/44, 161 00 Praha 6

CMC for the field of measured quantity: Emission

Ord. number [1]	Calibrated quantity / Subject of calibration	Nominal range min.	unit		max.	unit	Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified[2]	Calibration principle	Calibration procedure identification[3]	Work place
1*	Concentration of gaseous components								Comparison with a gas standard prepared in a calibrator in a volume-defined mixture of RM with inert gas	IP 101-03 (EN ISO 9169, ISO 11095)	
	NO	0	µmol/mol	to	6	µmol/mol		0.03 µmol/mol			
		6	µmol/mol	to	3,000	µmol/mol		0.50 %			
	CO	0	µmol/mol	to	42	µmol/mol		0.12 µmol/mol			
		42	µmol/mol	to	8,000	µmol/mol		0.28 %			
	SO_2	0	µmol/mol	to	5	µmol/mol		0.03 µmol/mol			
		5	µmol/mol	to	2,000	µmol/mol		0.54 %			
	C_3H_8	0	µmol/mol	to	11	µmol/mol		0.05 µmol/mol			
		11	µmol/mol	to	5,000	µmol/mol		0.42 %			
	CH_4	0	µmol/mol	to	10	µmol/mol		0.05 µmol/mol			
		10	µmol/mol	to	40,000	µmol/mol		0.46 %			
	NH_3	0	µmol/mol	to	6	µmol/mol		0.012 µmol/mol			
		6	µmol/mol	to	2,000	µmol/mol		2.00 %			
	N_2O	0	µmol/mol	to	6	µmol/mol		0.12 µmol/mol			
		6	µmol/mol	to	2,000	µmol/mol		2.00 %			
	NO_2	0	µmol/mol	to	1.5	µmol/mol		0.03 µmol/mol			
		1.5	µmol/mol	to	2,000	µmol/mol		2.00 %			
	O2	0	mol/mol	to	0.002	mol/mol		0.00001 mol/mol			
		0.002	mol/mol	to	0.24	mol/mol		0.54 %			

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Ord. number [1]	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified[2]	Calibration principle	Calibration procedure identification[3]	Work place
		min.	unit	max.	unit					
	CO_2	0 mol/mol 0.002 mol/mol	to to	0.24 mol/mol 0.24 mol/mol			0.00001 mol/mol 0.54 %			
2*	Converter efficiency NO2 – NO (up to 500 µmol/mol NO)	0 %	to	100 %			0.4 % abs	Direct measurement	IP 102-01 (EN ISO 9169, EN 14792, US EPA 40 CFR Ch.I § 86.332 79)	

[1] Asterisk at the ordinal number identifies the calibrations, which the Laboratory is qualified to carry out outside the permanent laboratory premises.

[2] The expanded measurement uncertainty is in accordance with ILAC-P14 and EA-4/02, part of CMC, and it is the lowest value of the respective uncertainty. If not stated otherwise, its coverage probability is approx. 95 %. If not stated otherwise, the uncertainty values stated without a unit are relative to the value measured. If the calibration is carried out outside the laboratory premises, the measurement uncertainty may be affected.

[3] If the document identifying the calibration procedure is dated, only these specific procedures are used. If the document identifying the calibration procedure is not dated, the latest edition of the specified procedure is used (including any changes).