



**EA MLA Signatory**  
**Český institut pro akreditaci, o.p.s.**  
(Czech Accreditation Institute)  
**Hájkova 2747/22, Žižkov, 130 00 Praha 3**

issues

according to section 16 of Act No. 22/1997 Coll., on technical requirements for products and on changes and amendments to some Acts, as amended

# **CERTIFICATE OF ACCREDITATION**

**No. 488/2025**

**Český hydrometeorologický ústav**  
**with registered office Na Šabatce 2050/17, Komořany, 143 00 Praha 12**  
**Company Registration No. 00020699**

**for the Calibration Laboratory No. 2284**  
**Immission Calibration Laboratory**

Scope of accreditation:

Calibration of air pollution measuring instruments to the extent as specified in the appendix to this Certificate.

This Certificate of Accreditation is a proof of accreditation issued on the basis of assessment of fulfillment of the accreditation criteria in accordance with

**ČSN EN ISO/IEC 17025:2018**

In its activities performed within the scope and for the period of validity of this Certificate, the abovementioned Accredited Body is entitled to refer to this Certificate, provided that the accreditation is not suspended and the Accredited Body meets the specified accreditation requirements in accordance with the relevant regulations applicable to the activity of an accredited conformity assessment body.

This Certificate of Accreditation replaces, to the full extent, Certificate No.: 53/2023 of 06/02/2023, and/or any administrative acts building upon it.

**The Certificate of Accreditation is valid until: 06/02/2028**

Prague: 29/09/2025



Signed in the Czech original:  
Zdeňka Drdová on 29/09/2025

**Jan Velíšek**  
Director of the Department  
of Testing and Calibration Laboratories  
Czech Accreditation Institute

This translation of the Czech original has been issued by: Eliška Frycová



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

**Český hydrometeorologický ústav**  
CAB number 2284, Immission Calibration Laboratory  
Generála Šišky 942, 143 00 Prague 4

**CMC for the field of measured quantity: Physicochemical quantities (gas concentration)**

Ord. numb er <sup>1</sup>	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the measurand	Lowest stated expanded measurement uncertainty <sup>2</sup>	Calibration principle	Calibration procedure identification <sup>3</sup>	Loca- tion
		min	unit	max	unit					
1	SO <sub>2</sub> in air	0 nmol/mol		80 nmol/mol			1.2 nmol/mol 1.6 %	Static pressure injection with transfer to a working reference standard	IP-001 + IP-000	
2	NO – NO <sub>x</sub> in air/nitrogen	0 nmol/mol		100 nmol/mol			1.2 nmol/mol 1.3 %	Static pressure injection with transfer to a working reference standard	IP-002 + IP-000	
3	CO in air/nitrogen	0 nmol/mol		4,500 nmol/mol			35 nmol/mol 0.84 %	Static pressure injection with transfer to a working reference standard	IP-003 + IP-000	
4	O <sub>3</sub> in air	0 nmol/mol		50 nmol/mol			1.1 nmol/mol 0.93 %	Reference to an O <sub>3</sub> reference standard	IP-004 + IP-000	
5	BTX in air/nitrogen	0 nmol/mol		1 nmol/mol			0.035 nmol/mol 3.3 %	Direct comparison with a primary BTX reference material	IP-005 + IP-000	

<sup>1</sup> Asterisk at the ordinal number identifies the calibrations, which the Laboratory is qualified to carry out outside the permanent laboratory premises.

<sup>2</sup> 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. The uncertainty value given here is based on the best laboratory conditions achievable; the uncertainty value of a particular calibration may be higher depending on the conditions of that calibration. For identical limit values of adjacent ranges, the lower uncertainty value always applies.

<sup>3</sup> 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).

*"This document is an appendix to the certificate of accreditation. In case of any discrepancies between the English and Czech versions, the Czech version shall prevail, both for the certificate appendix and the certificate itself."*