



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. 425/2025

INPEK spol. s r.o.
with registered office V Holešovičkách 94/41, Libeň, 182 00 Praha 8
Company Registration No. 41196848

for the Testing Laboratory No. **1505**
Testing Laboratory

Scope of accreditation:

Measurement of emissions of pollutants in waste gas 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.: 229/2023 of 10/05/2023, and/or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **14/08/2030**

Prague: 14/08/2025



Signed in the Czech original:
Zdeňka Drdová on 14/08/2025

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

This translation of the Czech original has been issued by: Andrea Muzikářová

**The Appendix is an integral part of
Certificate of Accreditation No. 425/2025 of 14/08/2025**

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

INPEK spol. s r. o.
CAB number 1505, Testing Laboratory
V Holešovičkách 94/41, Libeň, 182 00 Praha 8

The laboratory applies a flexible approach to the scope of accreditation.

The current list of activities carried out within the flexible scope is available on the laboratory's website <https://inpek.cz/index-i=246%7Cakreditace.html> in the form of the „List of activities within the flexible scope of accreditation“.

The laboratory provides opinions and interpretations of the test results.

Detailed information on activities within the scope of accreditation (determined analytes) is given in the section „Specification of the scope of accreditation“.

Tests:

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Tested subject	Degrees of freedom ³
1*	Determination of velocity and volume flow rate	SOP 003 (ČSN ISO 10780; ČSN EN 16911)	Emissions	-
2*	Determination of gas water content by condensation method, adsorption method and capacitance sensor	SOP 105 (ČSN EN 14790)	Emissions	-
3*	Determination of the mass concentration of gaseous pollutants (NO _x , SO ₂ , CO) and volume concentration of CO ₂ by automated analyzers by nondispersive infrared spectroscopy method	SOP 201 – A (ČSN ISO 10849; ČSN ISO 7935; ČSN EN 15058; ČSN P CEN/TS 17405)	Emissions	-
4*	Determination of the mass concentration of gaseous pollutants (NO _x) by automatic analyzers by chemiluminescence method	SOP 201 – B (ČSN ISO 10849; ČSN EN 14792)	Emissions	-
5*	Determination of the volume concentration of oxygen (O ₂) by automatic analyzers by paramagnetic method	SOP 201 – C (ČSN EN 14789)	Emissions	-
6*	Determination of total mass concentration of organic compounds expressed as total organic carbon (TOC) by automatic analyzers by flame ionization method	SOP 202 (ČSN EN 12619)	Emissions	-
7	Determination of the mass concentration of solid pollutants by gravimetric method	SOP 104 – B (ČSN EN 13284-1)	Emissions	-

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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Tested subject	Degrees of freedom ³
8	Determination of volatile inorganic compounds of chlorine by spectrophotometric method	SOP 101-B (ČSN EN 1911)	Emissions	-
9	Determination of volatile inorganic compounds of fluorine by spectrophotometric method	SOP 102 – B (US EPA Method 13 A)	Emissions	-
10	Determination of ammonia by spectrophotometric method	SOP 103 – B (ČSN EN ISO 21877)	Emissions	-
11	Determination of mass concentration of volatile organic compounds (VOCs) by capture on a solid sorbent by calculation from measured values ⁴	SOP 403 – B (ČSN P CEN/TS 13649; ČSN EN ISO 16017-1)	Emissions	-
12	Determination of individual organic compounds by GC/FID method	SOP 301 – B (ČSN P CEN/TS 13649)	Emissions, solid sorbent	B
13	Determination of mass concentration by calculation from measured values (As, Be, Cd, Cr, Co, Cu, Mn, Ni, Pb, Sb, Se, Sn, Sb, Zn, Tl, V, Al) ⁴	SOP 401 – B (ČSN EN 14385; US EPA Method 29)	Emissions	-
14	Determination of total mass concentration of mercury Hg by calculation from measured values ⁴	SOP 404 – B (ČSN EN 13211)	Emissions	-
15	Determination of the mass concentration of persistent organic compounds (PCDD/PCDF, PCB and PAH) by calculation from measured values ⁴	SOP 402 – B (ČSN EN 1948-4+A1)	Emissions	-
16	Determination of sulfur oxides by volumetric analysis method	SOP 106 B (ČSN EN 14791; ČSN 834711-3)	Emissions	-
17*	Quality assurance of automated measuring systems	SOP 204 (ČSN EN 14181 cl. 6 QAL2, cl. 8 AST)	Automated emission measuring systems	-

¹ asterisk at the ordinal number identifies the tests, which the laboratory is qualified to carry out outside the permanent laboratory premises.

² if the document identifying the test procedure is dated, only these specific procedures are used. If the document identifying the test procedure is not dated, the latest valid edition of the specified procedure is used (including any changes)

³ degrees of freedom: A – Flexibility concerning materials/products (subject of the test), B – Flexibility concerning components/parameters/characteristics, C – Flexibility concerning the performance of the method, D – Flexibility concerning the method

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The laboratory can modify the test procedures with the specified degree(s) of freedom in the scope of accreditation while maintaining the principle of measurement. If no degree of freedom is specified, the laboratory cannot apply a flexible approach to the scope of accreditation for the test.

- ⁴ laboratory determination is carried out by an external test provider within the scope of its accreditation

Specification of the scope of accreditation:

Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
12	acetone, benzene, toluene, ethylbenzene, xylenes, styrene, dichloromethane, trichloromethane, tetrachlormethane, trichlorethane, tetrachlorethane, chlorobenzene, 1,2-dichloroethane, n-butyl acetate, benzenes

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Sampling:

Ordinal number ²	Sampling procedure name	Sampling procedure identification ¹	Subject of sampling
1	Sampling for the determination of metals (As, Be, Cd, Cr, Co, Cu, Mn, Ni, Pb, Sb, Se, Sn, Sb, Zn, Tl, V, Al) – isokinetic sampling with automatic or manual isokinetic control and absorption into liquid	SOP 401 – A (ČSN EN 14385; US EPA Method 29)	Emissions
2	Sampling for the determination of mercury Hg – isokinetic sampling with manual or automatic isokinetic control and absorption into liquid	SOP 404 – A (ČSN EN 13211)	Emissions
3	Sampling for the determination of persistent organic compounds (PCDD/PCDF, PCB, and PAH) – isokinetic sampling with automatic or manual isokinetic control, filtration condensation method	SOP 402 – A (ČSN EN 1948-1; ČSN EN 1948-4+A1)	Emissions
4	Sampling of volatile organic compounds (VOCs) by capture on a solid sorbent	SOP 403 – A (ČSN P CEN 13649; ČSN EN ISO 16017-1)	Emissions
5	Sampling of solid pollutants, isokinetic sampling with automatic or manual isokinetic control	SOP 104 – A (ČSN EN 13284-1)	Emissions
6	Sampling for the determination of volatile inorganic compounds of chlorine	SOP 101 – A (ČSN EN 1911)	Emissions
7	Sampling for the determination of volatile inorganic compounds of fluorine	SOP 102 – A (ČSN P CEN/TS 17340)	Emissions
8	Sampling for the determination of ammonia	SOP 103 – A (ČSN EN ISO 21877)	Emissions
9	Sampling for determination of individual organic compounds by GC/FID method	SOP 301 – A (ČSN P CEN/TS 13649)	Emissions
10	Sampling for determination of sulfur oxides by manual method	SOP 106 – A (ČSN EN 14791; ČSN 834711-2)	Emissions

¹ if the document identifying the sampling procedure is dated, only these specific procedures are used. If the document identifying the sampling procedure is not dated, the latest edition of the specified procedure is used (including any changes)

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Explanations and abbreviations:

Emissions	Waste gas containing pollutants released in a controlled manner or leaking into atmosphere from stationary sources of pollution.
GC/FID	Gas Chromatography with Flame Ionization Detector
PAH	Polycyclic Aromatic Hydrocarbons
PCB	Polychlorinated Biphenyls
PCDD/PCDF	Polychlorinated Dibenzodioxins/Polychlorinated Dibenzofurans
SOP	Standard Operating Procedure
US EPA Method	Standardized procedures developed and approved by the US Environmental Protection Agency

"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. "