

**The Appendix is an integral part of
Certificate of Accreditation No. 333/2024 of 10/07/2024**

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

ENVING s.r.o.
CAB number 1510, Measurement Laboratory
č.p. 312, 664 05 Tvarožná

Detailed information on activities within the scope of accreditation (determined analytes, source literature) 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*	Measurement of noise	ČSN EN ISO 9612; MoH CR Bulletin, 2013, Part 4, p. 4	Working environment	-
2*	Measurement of noise	ČSN ISO 1996-1; ČSN ISO 1996-2; MoH CR Bulletin, 2023, Part 14	Non-working environment	-
3*	Measurement of vibrations	ČSN ISO 2631-1; ČSN ISO 2631-2; ČSN EN ISO 5349-1; ČSN EN ISO 5349-2; MoH CR Bulletin, 2013, Part 4, p. 4	Working environment	-
4*	Determination of velocity and volume flowrate of gas streams in ducts	OP 4 (ČSN ISO 10780)	Emissions	-
5*	Determination of the moisture content in gas (condensation method, adsorption method, capacitance detector)	OP 5 (ČSN EN 14790)	Emissions	-
6*	Determination of concentration of oxygen (O ₂) by automatic analyzer (paramagnetic method)	OP 6 (ČSN EN 14789; ČSN ISO 10396:1998)	Emissions	-
7*	Determination of mass concentration of gaseous pollutants (SO ₂ , NO _x , CO) by automated analyzers (NDIR method)	OP 7 (ČSN ISO 7935; ČSN ISO 10849; ČSN EN 15058; ČSN ISO 10396:1998)	Emissions	-
8*	Determination of total mass concentration of organic compounds expressed as total organic carbon (TOC) by automatic analyzers (FID)	OP 8 (ČSN EN 12619)	Emissions	-

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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Tested subject	Degrees of freedom ³
9	Determination of mass concentration of solid pollutants by gravimetry	OP 9 – part A (ČSN EN 13284-1; ČSN ISO 9096:1998)	Emissions	-
10	Determination of mass concentration of metals ⁴ by calculation from measured values	OP 10 – part A (ČSN EN 14385; US EPA 29)	Emissions	-
11	Determination of mass concentration of volatile organic compounds ⁴ by capture on a solid sorbent and by calculation from measured values	OP 11 – part A (ČSN P CEN/TS 13649)	Emissions	-
12	Determination of mass concentration of hydrogen chloride and chlorides ⁴ by calculation from measured values	OP 12 – part A (ČSN EN 1911)	Emissions	-
13	Detection of gases and vapours	OP 13 (Gov. Reg. No. 361/2007 Coll.; Kavalier manual)	Working air	-
14	Determination of concentration of dust by gravimetry	OP 14 – part A (Gov. Reg. No. 361/2007 Coll.; ČSN EN 481; ČSN EN 689 +AC)	Working air	-
15	Determination of mass concentration of organic and inorganic compounds ⁴ by calculation from measured values	OP 15 – part A (Gov. Reg. No. 361/2007 Coll.; ČSN EN 482; ČSN EN 689+AC; ČSN P CEN/TS 13649)	Working air	-
16*	Measurement of airborne sound insulation	ČSN EN ISO 16283-1; ČSN EN ISO 717-1	Building partitioning structures	-
17*	Measurement of impact sound insulation	ČSN EN ISO 16283-2; ČSN EN ISO 717-2	Building partitioning structures	-
18*	Measurement of reverberation time	ČSN EN ISO 3382-1	Performance spaces	-
19*	Measurement of reverberation time	ČSN EN ISO 3382-2	Common spaces	-

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- 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 the laboratory does not apply a flexible approach to the scope of accreditation
- ⁴ the laboratory determination of the analytes in the sample 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)
10	As, Cd, Cr, Co, Cu, Mn, Ni, Pb, Sb, Tl, Zn and V
13	NO _x , CO, CO ₂ , O ₃ , NH ₃ , SO ₂
15	Inorganic substances: mineral acids, cyanides, ammonia, phosphates Metals: Cr _(total) , Cr ^(VI) , Ni, Cu, Mn, Zn, Pb, Cd, Sn, Al, Mo, Ag, Se, Pt, Co, Ti Organic substances: aliphatic, aromatic and halogen hydrocarbons, isocyanates

Ordinal test number	Detailed information on activities within the scope of accreditation (source literature)
1, 3	MoH CR Bulletin 2013, Part 4, p. 4 – Guideline for the measurement and evaluation of noise and vibrations at workplace
2	MoH CR Bulletin, Part 14/2023: Guideline for the measurement and evaluation of noise in non-working environment

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Sampling:

Ordinal number	Sampling procedure name	Sampling procedure identification ¹	Subject of sampling
1	Sampling of solid pollutants (isokinetic sampling with manual isokinetic control)	OP 9 – part B (ČSN EN 13284-1; ČSN ISO 9096:1998)	Emissions
2	Isokinetic sampling for the determination of metals by filtration-absorption method (manual isokinetic sampling)	OP 10 – part B (ČSN EN 14385; US EPA 29)	Emissions
3	Sampling of volatile organic compounds by capture on a solid sorbent	OP 11 – part B (ČSN P CEN/TS 13649)	Emissions
4	Sampling of workplace air by catching on a filter	OP 14 – part B (Gov. Reg. No. 361/2007 Coll.; ČSN EN 481; ČSN EN 689+AC)	Working air
5	Sampling of workplace air on a solid sorbent	OP 15 – part B (Gov. Reg. No. 361/2007 Coll.; ČSN EN 482; ČSN EN 689+AC; ČSN P CEN/TS 13649)	Working air
6	Sampling for the determination of hydrogen chloride and chlorides by absorption into solution – non-isokinetic and manual isokinetic sampling	OP 12 – part B (ČSN EN 1911)	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)

Explanations:

OP – Operating Procedure

GR – Government Regulation, as amended

NDIR – Nondispersive Infrared Spectrometry

FID – Flame Ionization Detection

Emission – Waste gas containing pollutants released in a controlled manner or leaking into atmosphere from stationary sources of pollution.

"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."