

**The Appendix is an integral part of  
Certificate of Accreditation No. 425/2022 of 30/08/2022**

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

**EVECO, s.r.o.**  
EVECO, s.r.o. Testing Laboratory  
Sažinova 1339, 399 01 Milevsko

**Tests:**

Ordinal number <sup>1</sup>	Test procedure/method name	Test procedure/method identification <sup>2)</sup>	Tested object
1*	Determination of velocity and volume flow rate	SOP 1, part A (ČSN ISO 10780, ČSN EN ISO 16911-1)	Emissions
2*	Determination of water vapour (capacitance detector, condensation method, adsorption method, psychrometrically)	SOP 1, part B (ČSN EN 14790, Bartec Ultrakust manual)	Emissions
3*	Determination of mass concentration of gaseous pollutants by automated NDIR (SO <sub>2</sub> , NO <sub>x</sub> , CO) analyzers and volumetric concentration of CO <sub>2</sub>	SOP 2 (ČSN ISO 7935, ČSN ISO 10 849, ČSN EN 15058, ČSN P CEN/TS 17405)	Emissions
4	Determination of mass concentration of solid pollutants by gravimetry	SOP 3, part B (ČSN EN 13284-1, ČSN ISO 9096:1998)	Emissions
5*	Determination of the volume concentration of oxygen by automatic analyzer - paramagnetic method	SOP 4 (ČSN EN 14789)	Emissions
6*	Determination of total mass concentration of organic compounds expressed as total organic carbon (TOC) by automatic analyzers – FID	SOP 5 (ČSN EN 12619)	Emissions
7	Determination of the mass concentration of gaseous substances by absorption into a liquid sorbent (HCl, Cl <sup>-</sup> , SO <sub>2</sub> , SO <sub>x</sub> , H <sub>2</sub> SO <sub>4</sub> , NH <sub>3</sub> , HF, F <sup>-</sup> ) by calculation <sup>3</sup>	SOP 6, part B (ČSN EN 1911, ČSN EN 14791, ČSN 83 4728-1, ČSN 83 4752-1:1990, ČSN P CEN/TS 17340)	Emissions

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Ordinal number <sup>1</sup>	Test procedure/method name	Test procedure/method identification <sup>2)</sup>	Tested object
8*	Quality assurance of automated measuring systems	SOP 7 (ČSN EN 14181, cl. 6, QAL2, cl. 8 AST)	Automated measuring systems
9*	Determination of the mass concentration of gaseous pollutants (NO <sub>x</sub> ) by automatic analyzers - chemiluminescence	SOP 8 (ČSN EN 14792)	Emissions
10	Determination of the mass concentration of volatile organic compounds (VOC) <sup>5</sup> by calculation <sup>3</sup>	SOP 9, part B (ČSN P CEN/TS 13649, ČSN EN ISO 16017-1)	Emissions
11	Determination of mass concentration of metals <sup>4</sup> by calculation <sup>3</sup>	SOP 10, part B (ČSN EN 14385, ČSN EN 13211, EPA 29)	Emissions

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

<sup>2</sup> 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 edition of the specified procedure is used (including any changes).

<sup>3)</sup> at the test procedure name indicates that the laboratory determination of an analyte in the sample is subcontracted to an accredited laboratory.

<sup>4</sup> metals - arsenic, cadmium, chromium, cobalt, copper, manganese, nickel, lead, antimony, thallium, vanadium, zinc, mercury

<sup>5</sup> VOC (volatile organic compounds) - benzene, toluene, xylenes, trichloroethylene, tetrachloroethylene, acetone, styrene

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**Sampling:**

Ordinal number	Sampling procedure name	Sampling procedure identification <sup>1</sup>	Sampled object
1	Isokinetic sampling of solid pollutants with manual and automatic isokinetic control	SOP 3, part A (ČSN EN 13284-1, ČSN ISO 9096:1998)	Emissions
2	Sampling of gaseous substances by absorption into a liquid sorbent (HCl, Cl <sup>-</sup> , SO <sub>2</sub> , SO <sub>x</sub> , H <sub>2</sub> SO <sub>4</sub> , NH <sub>3</sub> , HF, F <sup>-</sup> )	SOP 6, part A (ČSN EN 1911, ČSN EN 14791, ČSN 83 4728-2, ČSN 83 4752-2:1990, ČSN P CEN/TS 17340)	Emissions
3	Sampling of volatile organic compounds (VOC) <sup>3</sup> by capture on a solid sorbent	SOP 9, part A (ČSN P CEN/TS 13649, ČSN EN ISO 16017-1)	Emissions
4	Isokinetic sampling for the determination of heavy metals <sup>2</sup> with manual or automatic isokinetic control and absorption into a liquid sorbent	SOP 10, part A (ČSN EN 14385, ČSN EN 13211, EPA 29)	Emissions

<sup>1</sup> 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).

<sup>2</sup> metals - arsenic, cadmium, chromium, cobalt, copper, manganese, nickel, lead, antimony, thallium, vanadium, zinc, mercury

<sup>3</sup> VOC (volatile organic compounds) - benzene, toluene, xylenes, trichloroethylene, tetrachloroethylene, acetone, styrene

**EXPLANATORY NOTES:**

Emissions Waste gas containing pollutants, which is released in a controlled way or leaks into atmosphere from air pollution sources

NDIR Nondispersive Infrared Spectrometry

SOP Standard Operating Procedure

TOC Total Organic Carbon

FID Flame Ionization Detector

QAL2 second level of AMS quality assurance (calibration and determination of variability of measured values)

AST Annual Surveillance Test

EPA Environmental Protection Agency (USA)