

**The Appendix is an integral part of  
Certificate of Accreditation No. 415/2021 of 02/08/2021**

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

**ORGREZ, a.s.**

Authorised Emission Measurement Laboratory

Počáteční 1879/19, 710 00 Ostrava

**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 No. 1/53 (ČSN ISO 10780)	Emission
2.*	Determination of gas moisture (condensation method)	SOP No. 2/53 (ČSN EN 14790)	Emission
3.*	Determination of concentration of oxygen (O <sub>2</sub> ) by automatic analyzer (paramagnetic method)	SOP No. 3/53 (ČSN EN 14789)	Emission
4.*	Determination of the mass concentration of gaseous pollutants (SO <sub>2</sub> , CO) by automated analyzers (nondispersive infrared spectroscopy)	SOP No. 4/53 A (ČSN EN 15058, ČSN ISO 7935)	Emission
5.*	Determination of the mass concentration of gaseous pollutants (NO <sub>x</sub> ) by automatic analyzers (chemiluminescence)	SOP No. 4/53 B (ČSN EN 14792)	Emission
6.*	Determination of total mass concentration of organic compounds expressed as total organic carbon (TOC) by automatic analyzers (FID)	SOP No. 5/53 (ČSN EN 12619)	Emission
7.	Determination of the mass concentration of solid pollutants by gravimetry	SOP No. 6/53 (ČSN EN 13284-1)	Emission – filtration medium
8.	Determination of the mass concentration of metals by calculation from measured values <sup>3</sup> (As,Cd,Be,Cr,Co,Ni,Tl,Se,Te,Sb,Sn,Mn, Cu,Pb,V,Zn,Al,Hg)	SOP No. 8/53 (ČSN EN 14385, ČSN EN 13211, EPA 29)	Emission
9.	Determination of the mass concentration of persistent organic compounds by calculation from measured values <sup>3</sup> (PCDD/PCDF, PCB, PAH)	SOP No. 7/53 (ČSN EN 1948-3, ČSN EN 1948-4+A1)	Emission
10.*	Determination of the mass concentration of carbon dioxide (CO <sub>2</sub> ) by automated analyzer (nondispersive infrared spectroscopy)	SOP No. 9/53 (ISO 12039)	Emission
11.*	Quality assurance of automated measuring systems	SOP No. 10/53 (ČSN EN 14181, p. 6 QAL 2, p. 8 AST)	Automated emission measuring systems
12.	Determination of the mass concentration of gaseous chlorides expressed as HCl by calculation from measured values <sup>3</sup>	SOP No. V12/53 (ČSN EN 1911 chap. 7)	Emission
13.	Determination of the mass concentration of SO <sub>2</sub> by calculation from measured values <sup>3</sup>	SOP No.V13/53 (ČSN EN 14791)	Emission
14.	Determination of the mass concentration of NH <sub>3</sub> by calculation from measured values <sup>3</sup>	SOP No.V14/53 (ČSN 83 4728)	Emission

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

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<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> the laboratory determination of an analyte in the sample is subcontracted to an accredited testing laboratory

**Sampling:**

Ordinal number	Sampling procedure name	Sampling procedure identification <sup>1</sup>	Sampled object
1.	Sampling of solid pollutants (isokinetic sampling with manual and automatic isokinetic control)	SOP No. V6/53 (ČSN EN 13284-1)	Emission
2.	Sampling for the determination of metals (As, Cd, Be, Cr, Co, Ni, Tl, Se, Te, Sb, Sn, Mn, Cu, Pb, V, Zn, Al, Hg) – isokinetic sampling with automatic isokinetic control, filtration-absorption method	SOP No. V8/53 (ČSN EN 14385, ČSN EN 13211, EPA 29)	Emission
3.	Sampling for the determination of persistent organic compounds (PCDD/PCDF, PCB, PAH) - isokinetic sampling with automatic isokinetic control, filtration condensation method	SOP No. V7/53 (ČSN EN 1948-4+A1)	Emission
4.	Sampling of gases and vapours for the determination of gaseous chlorides expressed as HCl by absorption into liquid	SOP No. V12/53 (ČSN EN 1911 chap. 5)	Emission
5.	Sampling of gases and vapours for the determination of SO <sub>2</sub> by absorption into liquid	SOP č.V13/53 (ČSN EN 14791 chap.8)	Emission
6.	Sampling of gases and vapours for the determination of NH <sub>3</sub> by absorption into liquid	SOP No.V14/53 (ČSN 83 4728)	Emission

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Explanations:

SOP	Standard Operating Procedure
Emission	Waste gas containing pollutants, which is released in a controlled way in atmosphere
FID	Flame Ionization Detector
PCDD/PCDF	polychlorinated dibenzodioxins/polychlorinated dibenzofurans
PCB	Polychlorinated Biphenyls
PAH	Polyaromatic Hydrocarbons
EPA	US Environmental Protection Agency