



**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. 564/2025

**ORGREZ, a.s.**  
**with registered office Hudcova 321/76, Medlánky, 612 00 Brno**  
**Company Registration No. 46900829**

for the Testing Laboratory No. 1179  
Most Testing Laboratory

Scope of accreditation:

Measurement of ambient air, immissions including sampling, testing of fuels, biofuels and combustion residues 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.: 213/2021 of 07/04/2021, and/or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **07/04/2026**

Prague: 07/11/2025



Signed in the Czech original:  
Jan Velíšek on 07/11/2025

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

**The Appendix is an integral part of  
Certificate of Accreditation No. 564/2025 of 07/11/2025**

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

**ORGREZ, a.s.**  
CAB number 1179, Most Testing Laboratory  
Tř. Budovatelů 2531, 434 01 Most

**Testing laboratory locations:**

- |                                  |  |
|----------------------------------|--|
| 1. <b>Most Laboratory</b>        | Tř. Budovatelů 2531, 434 01 Most             |
| 2. <b>Reference Testing Unit</b> | Elektrárna Počerady, čp. 57, 439 44 Počerady |

*The laboratory is qualified to carry out standalone sampling.*

1. **Most Laboratory**

**Tests:**

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
1	<b>Fuels and combustion residues</b>			
1.1	Determination of water content by gravimetry	SOP 407/81 (ČSN 44 1377; ČSN EN ISO 18134-1; ČSN P CEN/TS 15414-1)	Solid fuels, biofuels, solid alternative fuels	-
1.2	Determination of ash content by gravimetry	SOP 408/81 (ČSN ISO 1171; ČSN 44 1310)	Solid fuels	-
1.3	Determination of ash and water by TGA method	SOP 412/81 (ČSN 44 1377; ČSN ISO 1171; ČSN EN ISO 18134-3; ČSN EN ISO 18122; ČSN 44 1310; ČSN EN ISO 16993; ČSN EN ISO 21656; ČSN EN ISO 21660-3)	Solid fuels, biofuels, combustion residues, solid alternative fuels	-
1.4	Determination of volatile matter in solid fuels by TGA method	SOP 406/81 (ČSN ISO 562; ČSN ISO 5071-1; ČSN 44 1310)	Solid fuels	-
1.5	Determination of gross calorific value by calorimetry and calculation of net calorific value	SOP 409/81 (ČSN ISO 1928; ČSN EN ISO 18125; ČSN 44 1310; ČSN EN ISO 16993; ČSN ISO 21654)	Solid fuels, biofuels, solid alternative fuels	-

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Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
1.6	Determination of carbon, sulphur and hydrogen by NDIR spectrometry and oxygen by calculation	SOP 415/81, part A, C (ČSN ISO 29541; ČSN EN ISO 16948; ČSN ISO 19579; ČSN EN ISO 16994, cl. 4.4; ČSN 44 1310; ČSN EN ISO 16993; ČSN EN ISO 21663)	Solid fuels, biofuels, solid alternative fuels, combustion residues	-
1.7	Determination of nitrogen content by TCD method	SOP 415/81, part B (ČSN ISO 29541; ČSN EN ISO 16948; ČSN 44 1310; ČSN EN ISO 16993; ČSN EN ISO 21663)	Solid fuels, biofuels, solid alternative fuels	-
1.8	Determination of the content of mercury in solid and liquid samples by atomic absorption spectrometry on the analyzer AMA 254	SOP 421/81 (ČSN 44 1393; ČSN 75 7440; ČSN 44 1310; ČSN EN ISO 16993)	Solid fuels, biofuels, residue after combustion, liquid samples	-
1.9	Determination of chlorine in solid fuels, biofuels, and solid residue after combustion by potentiometric titration using ISE	SOP 419/81 (ČSN ISO 587; ČSN EN ISO 16994; ČSN ISO 6227; ČSN 44 1310; ČSN EN ISO 16993)	Solid fuels, biofuels, residue after combustion	-
<b>2</b>	<b>Immissions</b>			
2.1	Determination of concentration of PM <sub>10</sub> , PM <sub>2.5</sub> , PM <sub>1.0</sub> and SPM by gravimetry and mass concentration of metals by calculation from measured values (As, Be, Cd, Cr, Co, Cu, Fe, Hg, Mn, Ni, Pb, V, Zn) <sup>4</sup>	SOP 103/81; part B and C (ČSN EN 12341; ČSN EN 14902; EPA 29)	Ambient air, immissions	-
2.2*	Determination of concentration of SO <sub>2</sub> by automatic fluorescence analyzers	SOP 101/81 (ČSN EN 14212)	Ambient air, immissions	-

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Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
2.3*	Determination of concentration of NO, NO <sub>2</sub> and NO <sub>x</sub> by automatic chemiluminescence analyzers	SOP 102/81 (ČSN EN 14211)	Ambient air, immissions	-
2.4*	Determination of concentration of PM <sub>10</sub> , PM <sub>2.5</sub> , PM <sub>1.0</sub> and SPM by automatic analyzers by optical radiometry	SOP 104/81 (ČSN EN 12341; ČSN EN 16450)	Ambient air, immissions	-
2.5	Determination of mass of dustfall by gravimetry	SOP 105/81, part B (Government Regulation No. 350/2002 Coll., Annex No. 6, part C)	Ambient air, immissions	-
2.6*	Particle sizing by laser diffraction particle counter	SOP No. 106/81 (GRIMM manual)	Ambient air, immissions	-
2.7*	Determination of concentration of gaseous mercury using CVAFS	SOP No. 108/81 (ČSN EN 15852)	Ambient air, immissions	-

<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 valid edition of the specified procedure is used (including any changes)

<sup>3</sup> the laboratory does not apply a flexible approach to the scope of accreditation

<sup>4</sup> laboratory determination of analytes in the collected sample is performed by an external testing provider within the scope of its accreditation.

## 2. Reference Testing Unit

### Tests:

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
<b>1</b>	<b>Fuels</b>			
1.1	Determination of water content by gravimetry	SOP 407/81, Chapter 4.1 (ČSN 44 1377)	Solid fuels	-

<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 valid edition of the specified procedure is used (including any changes)

<sup>3</sup> the laboratory does not apply a flexible approach to the scope of accreditation

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**Sampling:**

Ordinal number	Sampling procedure name	Sampling procedure identification <sup>1</sup>	Subject of sampling
1	Sampling of ambient air for the determination of mass concentration of dust and determination of metals (As, Be, Cd, Cr, Co, Cu, Fe, Hg, Mn, Ni, Pb, V, Zn) by catching on a filter	SOP 103/81, part A (ČSN EN 12341; ČSN EN 14902; EPA 29)	Ambient air (immissions)
2	Sampling of dustfall for the determination of mass of dustfall	SOP 105/81, part A (Government Regulation No. 350/2002 Coll., Annex No. 6, part C)	Ambient air (immissions)

<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 valid edition of the specified procedure is used (including any changes)

**List of used abbreviations:**

CVAFS	Cold Vapor Atomic Fluorescence Spectrophotometry
EPA	U.S. Environmental Protection Agency
ISE	Ion Selective Electrode
NDIR	Non Dispersive Infrared Spectrometry
PM <sub>10</sub>	fraction of aerosol particles (aerodynamic diameter lower than 10 µm)
PM <sub>2.5</sub>	fraction of aerosol particles (aerodynamic diameter lower than 2.5 µm)
PM <sub>1.0</sub>	fraction of aerosol particles (aerodynamic diameter lower than 1 µm)
SOP	Standard Operating Procedure
SPM	Suspended Particulate Matter
TCD	Thermal Conductivity Detection
TGA	Thermogravimetric Analysis

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*"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."*