



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. **525/2025**

COLAS CZ, a.s.
with registered office Rubeška 215/1, Vysočany, 190 00 Praha 9
Company Registration No. 26177005

for the Testing Laboratory No. **1780**
COLAS CZ Central Laboratory

Scope of accreditation:

Determination of the properties of fresh and hardened concrete, asphalt mixtures, aggregates, soils and pavements, including sampling, and determination of polycyclic aromatic hydrocarbons 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.: 644/2024 of 29/11/2024, and/or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **20/10/2030**

Prague: 20/10/2025



Signed in the Czech original:
Gor Petrosjan on 20/10/2025

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: 525/2025 of 20/10/2025**

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

COLAS CZ, a.s.
CAB number 1780, COLAS CZ Central Laboratory
Kosovská 10, 586 37 Jihlava

Testing laboratory locations:

- | | |
|-------------------|-------------------------------|
| 1. Jihlava | Kosovská 10, 586 37 Jihlava |
| 2. Znojmo | Dyje ev.č. 511, 669 02 Znojmo |
| 3. Západ | Vrbice 67, 364 52 Žlutice |

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 ¹	Determination of PAH by GC/MS method and their sum by calculation from the measured values	SOP-PAH-01 (ČSN EN 15527:2009)	Asphalt mixture, asphalt binder, recycled asphalt and other materials containing asphalt	-
2 ¹	Determination of dry matter by gravimetry	ČSN ISO 11465	Asphalt mixture, asphalt binder, recycled asphalt and other materials containing asphalt	-
3*2,3	Determination of consistency - Slump test	ČSN EN 12350-2	Fresh concrete	-
4*2,3	Determination of consistency - degree of compactibility	ČSN EN 12350-4	Fresh concrete	-
5*2,3	Determination of bulk density	ČSN EN 12350-6	Fresh concrete	-
6*2,3	Determination of air content - pressure method	ČSN EN 12350-7, excl. cl. 5	Fresh concrete	-
7 ^{2,3}	Determination of bulk density	ČSN EN 12390-7	Hardened concrete	-
8 ^{2,3}	Determination of compressive strength	ČSN EN 12390-3	Hardened concrete	-
9 ²	Determination of depth of penetration of water under pressure	ČSN EN 12390-8	Hardened concrete	-
10 ²	Determination of surface resistance to water and chemical de-icing agents by automatic cycling	ČSN 73 1326, method A	Hardened concrete	-
11 ²	Determination of layer thickness on a cored specimen	ČSN EN 13863-3	Concrete pavements	-

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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Tested subject	Degrees of freedom ³
12 ¹	Determination of soluble binder content	ČSN EN 12697-1	Asphalt mixture	-
13 ¹	Determination of grain size	ČSN EN 12697-2+A1	Asphalt mixture	-
14 ^{1,2}	Determination of bulk density	ČSN EN 12697-6, Procedure B, D	Asphalt mixture	-
15 ¹	Determination of the maximum density	ČSN EN 12697-5	Asphalt mixture	-
16 ^{1,2}	Determination of voids	ČSN EN 12697-8	Asphalt mixture	-
17* ¹	Measurement of temperature	ČSN EN 12697-13	Asphalt mixture	-
18 ¹	Determination of dimensions	ČSN EN 12697-29	Asphalt mixture	-
19 ^{1,2}	Determination of thickness	ČSN EN 12697-36, cl. 6.1	Asphalt layer	-
20 ^{1,2}	Determination of the bond strength and degree of compaction	ČSN 73 6160, cl. 7.2, 7.3	Asphalt layer	-
21 ¹	Determination of stiffness - two-point bend test	ČSN EN 12697-26+A1, annex A	Asphalt mixture	-
22 ¹	Determination of stiffness - indirect tensile test	ČSN EN 12697-26+A1, annex C	Asphalt mixture	-
23 ¹	Wheel tracking test – small-size devices	ČSN EN 12697-22+A1, Procedure B in air	Asphalt mixture	-
24 ¹	Specimen prepared by roller compactor	ČSN EN 12697-33+A1, cl. 5.3 and 7.3	Asphalt mixture	-
25 ¹	Determination of indirect tensile strength	ČSN EN 12697-23	Asphalt mixture	-
26 ¹	Determination of the water sensitivity	ČSN EN 12697-12, method A	Asphalt mixture	-
27 ¹	Specimen preparation by impact compactor	ČSN EN 12697-30	Asphalt mixture	-
28 ¹	Determination of particle size distribution - Sieving method	ČSN EN 933-1	Aggregates	-
29 ¹	Determination of particle shape - Shape index	ČSN EN 933-4	Aggregates	-

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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Tested subject	Degrees of freedom ³
30 ¹	Determination of the water content by drying in a ventilated oven	ČSN EN 1097-5	Aggregates	-
31 ¹	Assessment of fines - Sand equivalent test	ČSN EN 933-8+A1	Aggregates	-
32 ¹	Assessment of fines - Methylene blue test	ČSN EN 933-9	Aggregates	-
33 ¹	Determination of needle penetration	ČSN EN 1426	Bitumen and bituminous binders	-
34 ¹	Determination of the softening point - Ring and Ball method	ČSN EN 1427	Bitumen and bituminous binders	-
35* ¹	Static loading test	ČSN 72 1006, Annex A, B, D; ČSN 73 6190	Soils and backfills	-
36* ¹	Impact loading test by light dynamic plate	ČSN 73 6192, cl. 3.1.3, 4.4, 5.3, 5.4, 6.2, 6.3	Soils and backfills	-
37* ¹	Determination of the degree of compaction by non-destructive methods	ČSN 73 6160, cl. 7.2, method B	Pavement courses	-
38* ¹	Irregularity measurement by check bar	ČSN 73 6175, cl. 8	Pavement courses	-
39* ²	Measurement of macrotexture depth by volumetric method	ČSN EN 13036-1	Surfaces of pavements and structures	-
40 ¹	Determination of particle size distribution	ČSN EN ISO 17892-4, excluding cl. 5.4	Soils	-
41 ¹	Determination of liquid and plastic limits	ČSN EN ISO 17892-12, excluding cl. 4.3, 5.4, 6.3	Soils	-
42 ¹	Determination of water content	ČSN EN ISO 17892-1	Soils	-

¹ asterisk at the ordinal number identifies the tests, which the laboratory is qualified to carry out outside the permanent laboratory premises; the numerical index at the test ordinal number identifies the location carrying out the test (the identification of the locations is given on the first page of this document)

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

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Specification of the scope of accreditation:

Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
1	naphthalene, acenaphthylene, acenaphthene, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, benzo[a]anthracene, chrysene, benzo[b]fluoranthene, benzo(k) fluoranthene, benzo[a]pyrene, indeno[1,2,3-cd]pyrene, benzo[ghi]perylene, dibenzo(a,h)anthracene

Sampling:

Ordinal number ²	Sampling procedure name	Sampling procedure identification ¹	Subject of sampling
1 ^{2,3}	Sampling of fresh concrete, manual sampling	ČSN EN 12350-1	Fresh concrete
2 ^{2,3}	Sampling of hardened concrete (cored specimens of structures)	ČSN EN 12504-1, cl. 6	Hardened concrete
3 ^{1,2}	Asphalt mixture sampling	ČSN EN 12697-27, cl. 4.1, 4.3, 4.7	Asphalt mixture
4 ¹	Sampling of aggregates	ČSN EN 932-1, cl. 8.2, 8.8, 8.9	Aggregates

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

² superscript at the sampling ordinal number identifies the number of the location carrying out the sampling (the locations are identified on the first page of the document)

Explanatory notes:

PAH – Polycyclic Aromatic Hydrocarbons

GC/MS – Gas Chromatography / Mass Spectrometry

"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. "