

**The appendix is an integral part of
Certificate of Accreditation No. 444/2023 of 21/08/2023**

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

VIAKONTROL, spol. s r.o.
CAB number 1263, VIAKONTROL Testing Laboratory
Podnikatelská 539, 190 11 Praha 9 - Běchovice

Testing laboratory working sites:

- | | | |
|----|------------------------------|---|
| 1. | A – Praha | Podnikatelská 539, 190 11 Praha 9 - Běchovice |
| 2. | B – Valašské Meziříčí | Jiráskova 613/13, 757 01 Valašské Meziříčí |
| 3. | B1 – Třebovice | Třebovice (premises of the AHM company), 561 24 Třebovice |
| 4. | C – Louny | Průmyslová 2991, 440 01 Louny |
| 5. | C2 – Most | Obrnice 228 (premises of the HERKUL company), 435 21
Obrnice |
| 6. | D – Most | Obrnice 228 (premises of the HERKUL company), 435 21
Obrnice |
| 7. | E – Ostrava | Štěpaňákova 714, 719 00 Ostrava - Kunčice |
| 8. | F – Měcholupy | Holedeč (asphalt mixing plant), 438 01 Žatec |
| 9. | H – Podbrezová | Kolkáreň 35, 976 81 Podbrezová, Slovenská republika |

Detailed information on activities within the scope of accreditation (source literature / determined analytes) is given in the section „Specification of the scope of accreditation“.

1. **A – Praha**

Tests:

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
1	Determination of needle penetration including sample preparation	ČSN EN 1426; STN EN 1426; ČSN EN 13074-1; STN EN 13074-1; ČSN EN 13074-2; STN EN 13074-2	Bituminous binder	-
2	Determination of softening point – Ring and ball method	ČSN EN 1427; STN EN 1427; ČSN EN 13074-1; STN EN 13074-1; ČSN EN 13074-2; STN EN 13074-2	Bituminous binder	-
3	Determination of Fraass breaking point	ČSN EN 12593; STN EN 12593; ČSN EN 13074-1; ČSN EN 13074-2	Bituminous binder	-
4	Determination of ductility	ČSN 65 7061; ČSN EN 13074-1; ČSN EN 13074-2	Bituminous binder	-

**The appendix is an integral part of
Certificate of Accreditation No. 444/2023 of 21/08/2023**

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

VIAKONTROL, spol. s r.o.

CAB number 1263, VIAKONTROL Testing Laboratory
Podnikatelská 539, 190 11 Praha 9 - Běchovice

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
5	Determination of deformation energy	ČSN EN 13703:2004; STN EN 13703:2004; ČSN EN 13074-1; ČSN EN 13074-2	Bituminous binder	-
6	Determination of the tensile properties of modified bitumen by the force ductility method	ČSN EN 13589; ČSN EN 13074-1; ČSN EN 13074-2	Bituminous binder	-
7	Determination of solubility	ČSN EN 12592	Bituminous binder	-
8	Determination of adhesion of bituminous binder to aggregate	ČSN 73 6161	Bituminous binder	-
9	Determination of the affinity between aggregate and bitumen	ČSN EN 12697-11, Annex A; STN EN 12697-11, Annex A	Bituminous binder	-
10	Determination of the resistance to hardening under the influence of heat and air - RTFOT method	ČSN EN 12607-1	Bituminous binder	-
11	Determination of the loss in mass after heating	ČSN EN 13303	Bituminous binder	-
12	Determination of the elastic recovery	ČSN EN 13398; STN EN 13398; ČSN EN 13074-1; STN EN 13074-1; ČSN EN 13074-2; STN EN 13074-2	Bituminous binder	-
13	Determination of the storage stability	ČSN EN 13399 STN EN 13399	Bituminous binder	-
14	Determination of flash and fire points - Cleveland open cup method	ČSN EN ISO 2592	Bituminous binder	-
15	Accelerated long-term ageing conditioning by a Pressure Ageing Vessel (PAV)	ČSN EN 14769	Bituminous binder	-
16	Determination of the flexural creep stiffness by means of Bending Beam Rheometer (BBR)	ČSN EN 14771; ČSN EN 13074-1; ČSN EN 13074-2	Bituminous binder	-
17	Determination of complex shear modulus and phase angle - Dynamic Shear Rheometer (DSR)	ČSN EN 14770; ČSN EN 13074-1; ČSN EN 13074-2	Bituminous binder	-
18	Determination of equivalent temperature to complex modulus in shear - Dynamic Shear Rheometer (DSR) - BTSV test	ČSN EN 17643; ČSN EN 13074-1; ČSN EN 13074-2	Bitumen and bituminous binder	-

**The appendix is an integral part of
Certificate of Accreditation No. 444/2023 of 21/08/2023**

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

VIAKONTROL, spol. s r.o.

CAB number 1263, VIAKONTROL Testing Laboratory
Podnikatelská 539, 190 11 Praha 9 - Běchovice

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
19	Determination of dynamic viscosity by rotary spindle viscometer	ČSN EN 13302; ČSN EN 13074-1; ČSN EN 13074-2	Bitumen and bituminous binder	-
20	Determination of density and specific gravity - Method with capillary plug pycnometer	ČSN EN 15326+A1; ČSN EN 12594	Bitumen and bituminous binder	-
21	MSCR test	ČSN EN 16659	Bitumen and bituminous binder	-
22	Determination of water content - Azeotropic distillation method	ČSN EN 1428; STN EN 1428	Bitumen emulsion	-
23	Determination of water content - Method using drying scales	ČSN EN 16849; STN EN 16849	Bitumen emulsion	-
24	Determination of residue on sieve and determination of storage stability	ČSN EN 1429; STN EN 1429	Bitumen emulsion	-
25	Determination of pH value by potentiometry	ČSN EN 12850; STN EN 12850	Bitumen emulsion	-
26	Determination of adhesion by water immersion test - Aggregate method	ČSN EN 13614; STN EN 13614	Bitumen emulsion	-
27	Determination of mixing stability with cement	ČSN EN 12848; STN EN 12848	Bitumen emulsion	-
28	Determination of miscibility of cationic bituminous emulsions with filler	ČSN EN 13075-2; STN EN 13075-2	Bitumen emulsion	-
29	Determination of the binder-aggregate adhesivity by the Vialit plate shock test method	ČSN EN 12272-3	Bitumen emulsion	-
30	Determination of breaking value of cationic emulsions - mineral filler method	ČSN EN 13075-1; STN EN 13075-1	Bitumen emulsion	-
31	Determination of efflux time by the efflux viscometer	ČSN EN 12846-1; STN EN 12846-1	Bitumen emulsion	-
32	Determination of cohesion with pendulum	ČSN EN 13588; STN EN 13588; ČSN EN 13074-1; STN EN 13074-1; ČSN EN 13074-2; STN EN 13074-2		-

**The appendix is an integral part of
Certificate of Accreditation No. 444/2023 of 21/08/2023**

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

VIAKONTROL, spol. s r.o.
CAB number 1263, VIAKONTROL Testing Laboratory
Podnikatelská 539, 190 11 Praha 9 - Běchovice

Ordinal number¹	Test procedure / method name	Test procedure / method identification²	Subject of the test	Degrees of freedom³
33	Test method for the determination of density at 25 °C	ČSN EN 13880-1	Bitumen sealant	-
34	Test method for the determination of cone penetration at 25 °C	ČSN EN 13880-2	Bitumen sealant	-
35	Test method for the determination of penetration and recovery (resilience)	ČSN EN 13880-3	Bitumen sealant	-
36	Test method for the determination of flow resistance	ČSN EN 13880-5	Bitumen sealant	-

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

³ the laboratory does not apply a flexible approach to the scope of accreditation

Explanations and abbreviations:

BBR - Bending Beam Rheometer

DSR - Dynamic Shear Rheometer

PAV - Pressure Ageing Vessel

RTFOT - Rolling Thin Film Oven Test

MSCR - Multiple Stress Creep and Recovery Test

**The appendix is an integral part of
Certificate of Accreditation No. 444/2023 of 21/08/2023**

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

VIAKONTROL, spol. s r.o.
CAB number 1263, VIAKONTROL Testing Laboratory
Podnikatelská 539, 190 11 Praha 9 - Běchovice

2. B – Valašské Meziříčí

Tests:

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
1	Determination of soluble binder content	ČSN EN 12697-1	Bituminous mixture	-
2	Determination of particle size distribution	ČSN EN 12697-2+A1	Bituminous mixture	-
3	Marshall test	ČSN EN 12697-34	Bituminous mixture	-
4	Determination of the maximum density	ČSN EN 12697-5	Bituminous mixture	-
5	Determination of bulk density of test specimen	ČSN EN 12697-6	Bituminous mixture	-
6	Determination of void characteristics	ČSN EN 12697-8	Bituminous mixture	-
7	Determination of the dimensions of specimen	ČSN EN 12697-29	Bituminous mixture	-
8	Determination of the water resistance of test specimen	ČSN EN 12697-12	Bituminous mixture	-
9	Determination of indirect tensile strength	ČSN EN 12697-23	Bituminous mixture	-
10	Determination of bond strength of layers – shear test	ČSN 73 6160, chap. 7.3	Bituminous mixture, pavement	-
11	Determination of thickness of a bituminous pavement	ČSN EN 12697-36, except chap. 6.2	Bituminous mixture, pavement	-
12	Determination of the degree of compaction in bores	ČSN 73 6160, chap. 7.2, a), c)	Bituminous mixture, pavement	-
13	Determination of bitumen spacing in bores	ČSN 73 6160, chap. 7.4	Bituminous mixture, pavement	-
14	Determination of transverse tensile strength and water resistance	TP 208, Annex B, chap. B.2.5 and B.2.9	Recycled mixture	-
15	Determination of particle size distribution – Sieving analysis	ČSN EN 933-1	Aggregates	-
16	Determination of particle shape - Shape index	ČSN EN 933-4	Aggregates	-
17	Determination of particle density and water absorption	ČSN EN 932-2 ČSN EN 1097-6, except chap. 9	Aggregates	-
18	Determination of the water content by gravimetry	ČSN EN 1097-5	Aggregates	-
19*	Determination of soil density	ČSN 72 1010, method A, D-1	Unbound layers, soil	-

**The appendix is an integral part of
Certificate of Accreditation No. 444/2023 of 21/08/2023**

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

VIAKONTROL, spol. s r.o.
CAB number 1263, VIAKONTROL Testing Laboratory
Podnikatelská 539, 190 11 Praha 9 - Běchovice

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
20	Determination of the water content by gravimetry	ČSN EN ISO 17892-1	Soil	-
21	Determination of the degree of compaction	ČSN 72 1006, chap. 4.2.1.1	Soil, engineering fills	-
22	Determination of compactibility - Proctor compaction	ČSN EN 13286-2, except chap. 7.3 and 7.6	Unbound layers, soil	-
23*	Static loading test	ČSN 72 1006, Annex A, B, D	Pavement course	-
24*	Impact loading test of pavements and base courses	ČSN 73 6192, group C	Pavement course	-
25*	Measurement of pavement surface roughness by lath	ČSN 73 6175, chap. 8	Pavement course	-
26*	Measurement of pavement surface roughness by planograph	ČSN 73 6175, chap. 9	Pavement course	-

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

³ the laboratory does not apply a flexible approach to the scope of accreditation

Specification of the scope of accreditation:

Ordinal test number	Detailed information on activities within the scope of accreditation (source literature)
14	TP 208 - Technical Conditions „Cold Recycling of Flexible Pavement Courses“ approved by the Ministry of Transport of the Czech Republic, Road Infrastructure Department, No 554/09-910-IPK/1 of 10/07/2009, valid as of 1st August 2009

Sampling:

Ordinal number	Sampling procedure name	Sampling procedure identification ¹	Sampled object
1	Bituminous mixture sampling	ČSN EN 12697-27	Bituminous mixture
2	Aggregate sampling	ČSN EN 932-1	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 edition of the specified procedure is used (including any changes)

**The appendix is an integral part of
Certificate of Accreditation No. 444/2023 of 21/08/2023**

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

VIAKONTROL, spol. s r.o.
CAB number 1263, VIAKONTROL Testing Laboratory
Podnikatelská 539, 190 11 Praha 9 - Běchovice

3. B1 – Třebovice

Tests:

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
1	Determination of soluble binder content	ČSN EN 12697-1	Bituminous mixture	-
2	Determination of particle size distribution	ČSN EN 12697-2+A1	Bituminous mixture	-
3	Determination of the maximum density	ČSN EN 12697-5	Bituminous mixture	-
4	Determination of bulk density of specimen	ČSN EN 12697-6	Bituminous mixture	-
5	Determination of void characteristics	ČSN EN 12697-8	Bituminous mixture	-
6	Determination of the dimensions of specimen	ČSN EN 12697-29	Bituminous mixture	-
7	Determination of thickness of a bituminous pavement	ČSN EN 12697-36 except chap. 6.2	Bituminous mixture, pavement	-
8	Determination of the degree of compaction in bores	ČSN 73 6160, chap. 7.2, a), c)	Bituminous mixture, pavement	-
9	Determination of particle size distribution – Sieving analysis	ČSN EN 933-1	Aggregates	-
10	Determination of particle shape - Shape index	ČSN EN 933-4	Aggregates	-

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

³ the laboratory does not apply a flexible approach to the scope of accreditation

Sampling:

Ordinal number	Sampling procedure name	Sampling procedure identification ¹	Sampled object
1	Bituminous mixture sampling	ČSN EN 12697-27	Bituminous mixture
2	Aggregate sampling	ČSN EN 932-1	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 edition of the specified procedure is used (including any changes)

**The appendix is an integral part of
Certificate of Accreditation No. 444/2023 of 21/08/2023**

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

VIAKONTROL, spol. s r.o.
CAB number 1263, VIAKONTROL Testing Laboratory
Podnikatelská 539, 190 11 Praha 9 - Běchovice

4. C – Louny

Tests:

Ordinal number¹	Test procedure / method name	Test procedure / method identification²	Subject of the test	Degrees of freedom³
1	Determination of soluble binder content	ČSN EN 12697-1	Bituminous mixture	-
2	Determination of particle size distribution	ČSN EN 12697-2+A1	Bituminous mixture	-
3	Determination of the maximum density	ČSN EN 12697-5	Bituminous mixture	-
4	Determination of bulk density of specimen	ČSN EN 12697-6	Bituminous mixture	-
5	Determination of void characteristics	ČSN EN 12697-8	Bituminous mixture	-
6	Determination of the dimensions of specimen	ČSN EN 12697-29	Bituminous mixture	-
7	Determination of the water resistance of test specimen	ČSN EN 12697-12	Bituminous mixture	-
8	Determination of indirect tensile strength	ČSN EN 12697-23	Bituminous mixture	-
9	Wheel tracking test - small test device	ČSN EN 12697-22; STN EN 12697-22; ČSN EN 12697-33+A1; STN EN 12697-33+A1	Bituminous mixture	-
10	Determination of bond strength of layers – shear test	ČSN 73 6160, chap. 7.3	Bituminous mixture, pavement	-
11	Determination of thickness of a bituminous pavement	ČSN EN 12697-36 except chap. 4.2	Bituminous mixture, pavement	-
12	Determination of the degree of compaction in bores	ČSN 73 6160, chap. 7.2, a), c)	Bituminous mixture, pavement	-
13	Determination of bitumen spacing in bores	ČSN 73 6160, chap. 7.4	Bituminous mixture, pavement	-
14	Determination of transverse tensile strength and water resistance	TP 208, Annex B, chap. B.2.5 and B.2.9	Recycled mixture	-
15	Determination of particle size distribution - Sieving analysis	ČSN EN 933-1	Aggregates	-
16	Determination of particle shape - Shape index	ČSN EN 933-4	Aggregates	-
17	Determination of particle density and water absorption	ČSN EN 1097-6 except chap. 9	Aggregates	-

**The appendix is an integral part of
Certificate of Accreditation No. 444/2023 of 21/08/2023**

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

VIAKONTROL, spol. s r.o.

CAB number 1263, VIAKONTROL Testing Laboratory
Podnikatelská 539, 190 11 Praha 9 - Běchovice

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
18	Determination of specific gravity of filler – Pycnometric test	ČSN EN 1097-7	Aggregates	-
19	Determination of grading of fillers	ČSN EN 933-10; STN EN 933-10	Aggregates	-
20	Determination of the water content by gravimetry	ČSN EN 1097-5	Aggregates	-
21*	Determination of soil density	ČSN 72 1010, method A, D-1	Unbound layers, soil	-
22	Determination of particle size distribution	ČSN EN ISO 17892-4	Soil	-
23	Determination of Atterberg limits	ČSN EN ISO 17892-12; STN 72 1014	Soil	-
24	Determination of the water content by gravimetry	ČSN EN ISO 17892-1	Soil	-
25	Determination of the degree of compaction	ČSN 72 1006, chap. 4.2.1.1	Soil, engineering fills	-
26	Determination of California bearing ratio, immediate bearing index and linear swelling	ČSN EN 13286-47	Soil	-
27	Determination of compactibility - Proctor compaction	ČSN EN 13286-2 except chap. 7.3 and 7.6	Unbound layers, soil	-
28*	Static loading test	ČSN 72 1006, Annex A, B, D	Pavement course	-
29*	Impact loading test of pavements and base courses	ČSN 73 6192, group C	Pavement course	-
30*	Measurement of pavement surface roughness by a lath	ČSN 73 6175, chap. 8 ČSN EN 13036-7	Pavement course	-
31*	Measurement of pavement surface roughness by planograph	ČSN 73 6175, chap. 9	Pavement course	-
32	Determination of compressive strength of hydraulically bound mixtures	ČSN EN 13286-41; ČSN EN 13286-50; ČSN EN 13286-53	Base course	-
33	Determination of indirect tensile strength of hydraulically bound mixtures	ČSN EN 13286-42; ČSN EN 13286-50; ČSN EN 13286-53	Base course	-
34*	Slump test	ČSN EN 12350-2	Fresh concrete	-
35*	Determination of degree of compactibility	ČSN EN 12350-4	Fresh concrete	-
36*	Determination of density	ČSN EN 12350-6	Fresh concrete	-

**The appendix is an integral part of
Certificate of Accreditation No. 444/2023 of 21/08/2023**

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

VIAKONTROL, spol. s r.o.

CAB number 1263, VIAKONTROL Testing Laboratory
Podnikatelská 539, 190 11 Praha 9 - Běchovice

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
37*	Determination of air content - Pressure methods	ČSN EN 12350-7, except chap. 5	Fresh concrete	-
38	Determination of shape, dimensions and other requirements for test specimens and moulds	ČSN EN 12390-1; STN EN 12390-1; ČSN EN 12390-2; STN EN 12390-2	Hardened concrete	-
39	Determination of compressive strength of test specimens	ČSN EN 12390-3; STN EN 12390-3	Hardened concrete	-
40	Determination of density of hardened concrete	ČSN EN 12390-7; STN EN 12390-7	Hardened concrete	-
41	Determination of depth of penetration of water under pressure	ČSN EN 12390-8; STN EN 12390-8	Hardened concrete	-
42*	Non-Destructive Testing - Determination of rebound number by Type N Schmidt Hammer	ČSN 73 1373, chap. 6.1, 6.2.2 ČSN EN 12504-2	Hardened concrete	-
43	Determination of the volume of voids	ČSN 73 6124-2, Annex A STN 73 6124-2, Annex A	Hardened concrete	-
44*	Measurement of retroreflection coefficient of reflective foil	ČSN EN 12899-1, chap. 4.1.1.4	Vertical road traffic signs	-

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

³ the laboratory does not apply a flexible approach to the scope of accreditation

Specification of the scope of accreditation:

Ordinal test number	Detailed information on activities within the scope of accreditation (source literature)
14	TP 208 - Technical Conditions „Cold Recycling of Flexible Pavement Courses“ approved by the Ministry of Transport of the Czech Republic, Road Infrastructure Department, No 554/09-910-IPK/1 of 10/07/2009, valid as of 1st August 2009

**The appendix is an integral part of
Certificate of Accreditation No. 444/2023 of 21/08/2023**

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

VIAKONTROL, spol. s r.o.
CAB number 1263, VIAKONTROL Testing Laboratory
Podnikatelská 539, 190 11 Praha 9 - Běchovice

Sampling:

Ordinal number	Sampling procedure name	Sampling procedure identification ¹	Sampled object
1	Bituminous mixture sampling	ČSN EN 12697-27, except chap. 4.7	Bituminous mixture
2	Aggregate sampling	ČSN EN 932-1	Aggregates
3	Fresh concrete sampling	ČSN EN 12350-1	Fresh concrete

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)

5. C2 – Most

Tests:

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
1	Determination of PAH by GC/MS method and their sums by calculation from the measured values	SOP 1 (ČSN EN 17503)	Bituminous mixture, bituminous binder, recycled bituminous	-

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

³ the laboratory does not apply a flexible approach to the scope of accreditation

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-c,d)pyrene, dibenzo(a,h)anthracene and benzo(g,h,i)perylene

Explanations and abbreviations:

PAH - Polycyclic aromatic hydrocarbons:

GC/MS - Gas Chromatography / Mass Spectrometry

**The appendix is an integral part of
Certificate of Accreditation No. 444/2023 of 21/08/2023**

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

VIAKONTROL, spol. s r.o.
CAB number 1263, VIAKONTROL Testing Laboratory
Podnikatelská 539, 190 11 Praha 9 - Běchovice

6. D – Most

Tests:

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
1	Determination of soluble binder content	ČSN EN 12697-1	Bituminous mixture	-
2	Determination of particle size distribution	ČSN EN 12697-2+A1	Bituminous mixture	-
3	Determination of the maximum density	ČSN EN 12697-5	Bituminous mixture	-
4	Determination of bulk density of specimen	ČSN EN 12697-6	Bituminous mixture	-
5	Determination of void characteristics	ČSN EN 12697-8	Bituminous mixture	-
6	Determination of the dimensions of specimen	ČSN EN 12697-29	Bituminous mixture	-
7	Determination of thickness of a bituminous pavement	ČSN EN 12697-36 except chap. 4.2	Bituminous mixture, pavement	-
8	Determination of the degree of compaction in bores	ČSN 73 6160, chap. 7.2, a), c)	Bituminous mixture, pavement	-
9	Determination of particle size distribution - Sieving analysis	ČSN EN 932-2 ČSN EN 933-1	Aggregates	-
10	Determination of the water content by drying in a ventilated oven	ČSN EN 1097-5	Aggregates	-
11	Determination of the thickness of a concrete pavement from cores	ČSN EN 13863-3	Hardened concrete	-

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

³ the laboratory does not apply a flexible approach to the scope of accreditation

Sampling:

Ordinal number	Sampling procedure name	Sampling procedure identification ¹	Sampled object
1	Bituminous mixture sampling	ČSN EN 12697-27	Bituminous mixture
2	Aggregate sampling	ČSN EN 932-1	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 edition of the specified procedure is used (including any changes)

7. E – Ostrava

**The appendix is an integral part of
Certificate of Accreditation No. 444/2023 of 21/08/2023**

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

VIAKONTROL, spol. s r.o.
CAB number 1263, VIAKONTROL Testing Laboratory
Podnikatelská 539, 190 11 Praha 9 - Běchovice

Tests:

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
1	Determination of soluble binder content including sample preparation	ČSN EN 12697-1 EN 12697-1 ČSN EN 12697-28 EN 12697-28	Bituminous mixture	-
2	Determination of particle size distribution	ČSN EN 12697-2+A1 EN 12697-2+A1	Bituminous mixture	-
3	Determination of the maximum density including sample preparation	ČSN EN 12697-5 EN 12697-5 ČSN EN 12697-28 EN 12697-28	Bituminous mixture	-
4	Determination of bulk density of bituminous specimen including sample preparation	ČSN EN 12697-6 EN 12697-6 ČSN EN 12697-30 EN 12697-30	Bituminous mixture	-
5	Determination of void characteristics	ČSN EN 12697-8 EN 12697-8	Bituminous mixture	-
6	Determination of the dimensions of bituminous specimen	ČSN EN 12697-29 EN 12697-29	Bituminous mixture	-
7	Determination of hardness number using cube of Marshall specimen including sample preparation	ČSN EN 12697-20 ČSN EN 12697-28 ČSN EN 12697-30	Bituminous mixture	-
8	Determination of thickness of a bituminous pavement	ČSN EN 12697-36 except p. 4.2	Bituminous mixture, pavement	-
9	Determination of the degree of compaction in bores	ČSN 73 6160, p. 7.2, a), c)	Bituminous mixture, pavement	-
10	Determination of particle size distribution - Sieving analysis including sample preparation	ČSN EN 932-2 ČSN EN 933-1	Aggregates	-
11	Determination of the water content by gravimetry	ČSN EN 1097-5	Aggregates	-
12*	Slump test	ČSN EN 12350-2	Fresh concrete	-
13*	Determination of density	ČSN EN 12350-6	Fresh concrete	-
14*	Determination of air content - Pressure methods	ČSN EN 12350-7, except p. 5	Fresh concrete	-

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

**The appendix is an integral part of
Certificate of Accreditation No. 444/2023 of 21/08/2023**

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

VIAKONTROL, spol. s r.o.
CAB number 1263, VIAKONTROL Testing Laboratory
Podnikatelská 539, 190 11 Praha 9 - Běchovice

³ the laboratory does not apply a flexible approach to the scope of accreditation

Sampling:

Ordinal number	Sampling procedure name	Sampling procedure identification¹	Subject of sampling
1	Bituminous mixture sampling	ČSN EN 12697-27	Bituminous mixture
2	Aggregate sampling	ČSN EN 932-1	Aggregates
3	Fresh concrete sampling	ČSN EN 12350-1	Fresh concrete

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)

**The appendix is an integral part of
Certificate of Accreditation No. 444/2023 of 21/08/2023**

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

VIAKONTROL, spol. s r.o.
CAB number 1263, VIAKONTROL Testing Laboratory
Podnikatelská 539, 190 11 Praha 9 - Běchovice

8. **F – Měcholupy**

Tests:

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
1	Determination of soluble binder content	ČSN EN 12697-1	Bituminous mixture	-
2	Determination of particle size distribution	ČSN EN 12697-2+A1	Bituminous mixture	-
3	Determination of the maximum density	ČSN EN 12697-5	Bituminous mixture	-
4	Determination of bulk density of specimen	ČSN EN 12697-6	Bituminous mixture	-
5	Determination of void characteristics	ČSN EN 12697-8	Bituminous mixture	-
6	Determination of the dimensions of specimen	ČSN EN 12697-29	Bituminous mixture	-
8	Determination of the degree of compaction in bores	ČSN 73 6160, chap. 7.2, a), c)	Bituminous mixture, pavement	-
9	Determination of particle size distribution - Sieving analysis	ČSN EN 933-1	Aggregates	-

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

³ the laboratory does not apply a flexible approach to the scope of accreditation

Sampling:

Ordinal number	Sampling procedure name	Sampling procedure identification ¹	Subject of sampling
1	Bituminous mixture sampling	ČSN EN 12697-27	Bituminous mixture
2	Aggregate sampling	ČSN EN 932-1	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 edition of the specified procedure is used (including any changes)

**The appendix is an integral part of
Certificate of Accreditation No. 444/2023 of 21/08/2023**

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

VIAKONTROL, spol. s r.o.

CAB number 1263, VIAKONTROL Testing Laboratory
Podnikatelská 539, 190 11 Praha 9 - Běchovice

9. H – Podbrezová

Tests:

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
1	Determination of soluble binder content	STN EN 12697-1	Bituminous mixture	-
2	Determination of particle size distribution	STN EN 12697-2+A1	Bituminous mixture	-
3	Determination of the maximum density	STN EN 12697-5	Bituminous mixture	-
4	Determination of bulk density of specimen	STN EN 12697-6 STN EN 12697-30	Bituminous mixture	-
5	Determination of void characteristics	STN EN 12697-8	Bituminous mixture	-
6	Determination of the dimensions of specimen	STN EN 12697-29	Bituminous mixture	-
7	Determination of the water resistance of test specimen	STN EN 12697-12	Bituminous mixture	-
8	Determination of indirect tensile strength	STN EN 12697-23	Bituminous mixture	-
9	Determination of thickness of a bituminous pavement	STN EN 12697-36 except chap. 6.2	Bituminous mixture, pavement	-
10	Determination of the degree of compaction using cored specimens	STN EN 12697-6	Bituminous mixture, pavement	-
11	Determination of particle size distribution - Sieving analysis	STN EN 932-2; STN EN 933-1	Aggregates	-
12	Determination of particle shape - Shape index	STN EN 932-2; STN EN 933-4	Aggregates	-
13	Determination of particle density and water absorption	STN EN 932-2; STN EN 1097-6 except chap. 9	Aggregates	-
14	Determination of the water content by drying in a ventilated oven	STN EN 1097-5	Aggregates	-
15*	Determination of soil density	STN 72 1010, method D-1	Unbound layers, soil	-
16	Determination of the water content by gravimetry	ČSN EN ISO 17892-1	Soil	-
17	Determination of compactibility - Proctor compaction	STN EN 13286-2 except chap. 7.3 and 7.6 STN 72 1015	Unbound layers, soil	-

**The appendix is an integral part of
Certificate of Accreditation No. 444/2023 of 21/08/2023**

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

VIAKONTROL, spol. s r.o.
CAB number 1263, VIAKONTROL Testing Laboratory
Podnikatelská 539, 190 11 Praha 9 - Běchovice

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
18*	Impact loading test of pavements and base courses	STN 73 6192 except chap. 6.2 and 6.3	Pavement course	-
19*	Measurement of pavement surface roughness	STN EN 13036-7	Pavement course	-
20*	Measurement of bond strength by pull-off	STN 73 6242, Annex B STN EN 1542	Pavement course	-
21*	Static loading test for the degree of compaction	STN 73 6190	Pavement course	-
22*	Measurement of pavement surface macrotexture depth using a volumetric patch technique	STN EN 13036-1	Pavement course	-
23	Determination of compressive strength of hydraulically bound mixtures	STN EN 13286-41; STN EN 13286-50; STN EN 13286-53	Base course	-
24*	Slump test	STN EN 12350-2	Fresh concrete	-
25*	Determination of density	STN EN 12350-6	Fresh concrete	-
26*	Determination of air content - Pressure methods	STN EN 12350-7, except no. 5	Fresh concrete	-
27*	Non-Destructive Testing - Determination of rebound number by Type N Schmidt Hammer	STN 73 1373; STN EN 12504-2	Hardened concrete	-

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

³ the laboratory does not apply a flexible approach to the scope of accreditation

Sampling:

Ordinal number	Sampling procedure name	Sampling procedure identification ¹	Subject of sampling
1	Bituminous mixture sampling	STN EN 12697-27	Bituminous mixture
2	Aggregate sampling	STN EN 932-1	Aggregates
3	Fresh concrete sampling	STN EN 12350-1	Fresh concrete

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)