



**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. 339/2025**

**NIEVELT Labor CZ s.r.o.**  
**with registered office Za Olomouckou 4184/17, 796 01 Prostějov**  
**Company Registration No. 05460298**

for the Testing Laboratory No. **1716**  
Testing Laboratory

Scope of accreditation:

Testing of bituminous mixtures, bituminous binders, aggregates, soils, loose-fill materials, unbound mixtures, hydraulically bound mixtures, concrete, concrete structures, construction layers, road surface treatments, vertical road traffic signs and road marking and sampling of construction materials 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.

The Certificate of Accreditation is valid until: **03/07/2030**

Prague: 03/07/2025



Signed in the Czech original:  
Jan Velíšek on 03/07/2025

**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. 339/2025 of 03/07/2025**

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

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**Testing laboratory workplace:**

- |    |                                     |                                         |
|----|-------------------------------------|-----------------------------------------|
| 1. | <b>Testing Laboratory</b>           | Za Olomouckou 4184/17, 796 01 Prostějov |
| 2. | <b>Mobile Testing Laboratory I</b>  | According to current location           |
| 3. | <b>Mobile Testing Laboratory II</b> | According to current location           |

**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 <sup>1, 2</sup>           | Determination of soluble binder content                                | ČSN EN 12697-1;<br>STN EN 12697-1                                                     | Bituminous mixture | -                               |
| 2 <sup>1, 2</sup>           | Determination of particle size distribution                            | ČSN EN 12697-2;<br>STN EN 12697-2                                                     | Bituminous mixture | -                               |
| 3 <sup>1</sup>              | Marshall test                                                          | ČSN EN 12697-34                                                                       | Bituminous mixture | -                               |
| 4 <sup>1, 2</sup>           | Determination of the maximum density                                   | ČSN EN 12697-5;<br>STN EN 12697-5                                                     | Bituminous mixture | -                               |
| 5 <sup>1, 2</sup>           | Determination of bulk density of bituminous specimens                  | ČSN EN 12697-6;<br>STN EN 12697-6                                                     | Bituminous mixture | -                               |
| 6 <sup>1, 2</sup>           | Determination of void content                                          | ČSN EN 12697-8;<br>STN EN 12697-8                                                     | Bituminous mixture | -                               |
| 7 <sup>1, 2</sup>           | Determination of the dimensions of a bituminous specimen               | ČSN EN 12697-29;<br>STN EN 12697-29                                                   | Bituminous mixture | -                               |
| 8 <sup>1</sup>              | Determination of the water sensitivity of bituminous specimens         | ČSN EN 12697-12;<br>STN EN 12697-12                                                   | Bituminous mixture | -                               |
| 9 <sup>1</sup>              | Determination of the indirect tensile strength of bituminous specimens | ČSN EN 12697-23;<br>STN EN 12697-23                                                   | Bituminous mixture | -                               |
| 10 <sup>1*</sup>            | Temperature measurement                                                | ČSN EN 12697-13;<br>STN EN 12697-13                                                   | Bituminous mixture | -                               |
| 11 <sup>1</sup>             | Determination of binder drainage                                       | ČSN EN 12697-18, cl. 5;<br>STN EN 12697-18, cl. 5                                     | Bituminous mixture | -                               |
| 12 <sup>1</sup>             | Wheel tracking test                                                    | ČSN EN 12697-22+A1,<br>Method B, cl. 6.3;<br>STN EN 12697-22+A1,<br>Method B, cl. 6.3 | Bituminous mixture | -                               |
| 13 <sup>1</sup>             | Determination of the thickness                                         | ČSN EN 12697-36,<br>except cl. 6.2;<br>STN EN 12697-36,<br>except cl. 6.2             | Pavement course    | -                               |

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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> |
|-----------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------|---------------------------------|
| 14 <sup>1</sup>             | Determination of shear bond strength between asphalt layers       | ČSN 73 6160, cl. 7.3                                                                  | Pavement course                | -                               |
| 15 <sup>1</sup>             | Determination of the degree of compaction                         | ČSN 73 6160, cl. 7.2<br>Point a), b), c);<br>STN 73 6160, cl. 6.4<br>Point a), b), c) | Pavement course                | -                               |
| 16 <sup>1*</sup>            | Impermeability of asphalt layers                                  | STN 73 6242,<br>Annex A                                                               | Pavement course                | -                               |
| 17 <sup>1</sup>             | Determination of needle penetration                               | ČSN EN 1426;<br>STN EN 1426                                                           | Bitumen and bituminous binders | -                               |
| 18 <sup>1</sup>             | Determination of the softening point - Ring and Ball method       | ČSN EN 1427;<br>STN EN 1427                                                           | Bitumen and bituminous binders | -                               |
| 19 <sup>1, 2, 3</sup>       | Determination of particle size distribution - Sieving method      | ČSN EN 933-1;<br>STN EN 933-1                                                         | Aggregates                     | -                               |
| 20 <sup>1, 2, 3</sup>       | Determination of the water content by drying in a ventilated oven | ČSN EN 1097-5;<br>STN EN 1097-5                                                       | Aggregates                     | -                               |
| 21 <sup>1</sup>             | Determination of particle shape - Shape index                     | ČSN EN 933-4;<br>STN EN 933-4                                                         | Aggregates                     | -                               |
| 22 <sup>1</sup>             | Determination of particle density and water absorption            | ČSN EN 1097-6,<br>except cl. 9 and Annex D, E and F                                   | Aggregates                     | -                               |
| 23 <sup>1</sup>             | Grading of filler aggregates (air jet sieving)                    | ČSN EN 933-10;<br>STN EN 933-10                                                       | Aggregates                     | -                               |
| 24 <sup>1</sup>             | Methylene blue test                                               | ČSN EN 933-9;<br>STN EN 933-9                                                         | Aggregates                     | -                               |
| 25 <sup>1, 2, 3</sup>       | Determination of water content                                    | ČSN EN ISO 17892-1;<br>STN EN ISO 17892-1                                             | Soils                          | -                               |
| 26 <sup>1, 3</sup>          | Determination of particle size distribution                       | ČSN EN ISO 17892-4,<br>except cl. 5.4;<br>STN EN ISO 17892-4,<br>except cl. 5.4       | Soils                          | -                               |
| 27 <sup>1, 3</sup>          | Determination of liquid and plastic limits                        | ČSN EN ISO 17892-12,<br>except cl. 5.4;<br>STN EN ISO 17892-12,<br>except cl. 5.4     | Soils                          | -                               |

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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> |
|-----------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|
| 28 <sup>1,3</sup>           | Determination of particle density using pycnometer                                     | ČSN EN ISO 17892-3;<br>STN EN ISO 17892-3                                                 | Soils                                     | -                               |
| 29 <sup>1,3</sup>           | Determination of compactability – Proctor test                                         | ČSN EN 13286-2,<br>except Method C;<br>STN EN 13286-2,<br>except Method C;<br>STN 72 1015 | Soils                                     | -                               |
| 30 <sup>1,3</sup>           | Determination of California Bearing ratio, immediate bearing index and linear swelling | ČSN EN 13286-47;<br>STN EN 13286-47                                                       | Soils                                     | -                               |
| 31 <sup>1*</sup>            | Determination of the degree of compaction with radiometric method                      | ČSN 72 1006, Annex F;<br>ČSN 73 1375;<br>STN 73 1375                                      | Soils                                     | -                               |
| 32 <sup>1*</sup>            | Determination of density with a membrane densitometer                                  | ČSN 72 1010, Method D-1;<br>STN 72 1010:1989,<br>Method D-1                               | Soils and loose-fill materials            | -                               |
| 33 <sup>1*</sup>            | Static load plate test                                                                 | ČSN 72 1006,<br>Annex A, B and D;<br>STN 73 6190                                          | Soils and loose-fill materials            | -                               |
| 34 <sup>1*</sup>            | Impact load plate test with the Light Falling Weight Device                            | ČSN 73 6192,<br>Group C;<br>STN 73 6192, except cl. 6.2,<br>6.3, 8.1, 8.2                 | Soils and loose-fill materials            | -                               |
| 35 <sup>1*</sup>            | Irregularity measurement of pavement courses                                           | ČSN 73 6175, cl. 8 and 9;<br>STN EN 13036-7                                               | Construction layers                       | -                               |
| 36 <sup>1*</sup>            | Measurement of pavement surface macrotexture depth using a volumetric patch technique  | ČSN EN 13036-1;<br>STN EN 13036-1                                                         | Construction layers                       | -                               |
| 37 <sup>1*</sup>            | Determination of the position of dowels and tie-bars                                   | IZP001<br>(ČSN 73 6123-1;<br>TP 233)                                                      | Construction layers                       | -                               |
| 38 <sup>1*</sup>            | Determination of the thickness of bound pavement courses                               | IZP002<br>(TP 233)                                                                        | Construction layers                       | -                               |
| 39 <sup>1*</sup>            | Determination of adhesion strength and tensile strength of surface layers              | ČSN 73 6242, Annex B;<br>STN 73 6242, Annex B                                             | Surface treatments<br>Construction layers | -                               |

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|-----------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|---------------------------------|
| 40 <sup>1*</sup>            | Impermeability measurements of layers                                | ČSN 73 6242,<br>Annex D                                                             | Surface treatments<br>Construction layers                                                                 | -                               |
| 41 <sup>1*</sup>            | Measurement of coefficient of retroreflection                        | IZP003<br>(ČSN EN 12899-1;<br>ČSN EN 12899-3;<br>STN EN 12899-1;<br>STN EN 12899-3) | Vertical road traffic signs, traffic safety equipment                                                     | -                               |
| 42 <sup>1*</sup>            | Measurement of luminance factor and daylight chromaticity            | IZP004<br>(ČSN EN 12899-1;<br>ČSN EN 12899-3;<br>STN EN 12899-1;<br>STN EN 12899-3) | Vertical road traffic signs, traffic safety equipment                                                     | -                               |
| 43 <sup>1*</sup>            | Measurement of chromaticity coordinates and luminance factor         | IZP005<br>(ČSN EN 1436;<br>TP 70;<br>STN EN 1436)                                   | Applied road marking materials, road marking, traffic safety equipment, paints and varnishes              | -                               |
| 44 <sup>1*</sup>            | Measurement of luminance coefficient under diffuse illumination      | IZP006<br>(ČSN EN 1436;<br>TP 70;<br>STN EN 1436)                                   | Applied road marking materials, road marking, traffic safety equipment                                    | -                               |
| 45 <sup>1*</sup>            | Measurement of coefficient of retroreflected luminance               | IZP007<br>(ČSN EN 1436;<br>TP 70;<br>STN EN 1436)                                   | Applied road marking materials, road marking, traffic safety equipment                                    | -                               |
| 46 <sup>1*</sup>            | Measurement of slip/skid resistance of a surface – the pendulum test | ČSN EN 1436;<br>ČSN EN 13036-4;<br>STN EN 1436;<br>STN EN 13036-4                   | Applied road marking materials, road marking, road and airfield surfaces, traffic safety equipment, ramps | -                               |
| 47 <sup>1*</sup>            | Determination of consistence – slump test                            | ČSN EN 12350-2;<br>STN EN 12350-2                                                   | Fresh concrete                                                                                            | -                               |
| 48 <sup>1*</sup>            | Determination of degree of compactability                            | ČSN EN 12350-4;<br>STN EN 12350-4                                                   | Fresh concrete                                                                                            | -                               |

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|-----------------------------|--------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------------------------|
| 49 <sup>1*</sup>            | Determination of consistence – flow table test                           | ČSN EN 12350-5;<br>STN EN 12350-5                                                                                                     | Fresh concrete    | -                               |
| 50 <sup>1*</sup>            | Determination of density                                                 | ČSN EN 12350-6;<br>STN EN 12350-6                                                                                                     | Fresh concrete    | -                               |
| 51 <sup>1*</sup>            | Determination of air content – pressure gauge method                     | ČSN EN 12350-7,<br>except cl. 5;<br>STN EN 12350-7,<br>except cl. 5                                                                   | Fresh concrete    | -                               |
| 52 <sup>1</sup>             | Determination of compressive strength                                    | ČSN EN 12390-3;<br>STN EN 12390-3;<br>ČSN EN 12504-1,<br>except cl. 5 and 6;<br>STN EN 12504-1,<br>except cl. 5 and 6;<br>STN 73 1317 | Hardened concrete | -                               |
| 53 <sup>1</sup>             | Determination of flexural strength                                       | ČSN EN 12390-5;<br>STN EN 12390-5                                                                                                     | Hardened concrete | -                               |
| 54 <sup>1</sup>             | Determination of tensile splitting strength                              | ČSN EN 12390-6;<br>STN EN 12390-6                                                                                                     | Hardened concrete | -                               |
| 55 <sup>1</sup>             | Determination of density                                                 | ČSN EN 12390-7;<br>STN EN 12390-7                                                                                                     | Hardened concrete | -                               |
| 56 <sup>1</sup>             | Determination of depth of penetration of water under pressure            | ČSN EN 12390-8;<br>STN EN 12390-8                                                                                                     | Hardened concrete | -                               |
| 57 <sup>1</sup>             | Determination of resistance of surface to water and defrosting chemicals | ČSN 73 1326,<br>Methods A and C;<br>STN 73 1326, Method A                                                                             | Hardened concrete | -                               |
| 58 <sup>1</sup>             | Determination of frost resistance                                        | ČSN 73 1322;<br>STN 73 1322                                                                                                           | Hardened concrete | -                               |
| 59 <sup>1</sup>             | Determination of moisture content and absorptivity                       | IZP008<br>(ČSN 73 1316:1990);<br>STN 73 1316                                                                                          | Hardened concrete | -                               |
| 60 <sup>1*</sup>            | Determination of hardness using rebound hammer                           | ČSN 73 1373;<br>STN 73 1373;<br>ČSN EN 12504-2;<br>STN EN 12504-2                                                                     | Hardened concrete | -                               |

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|-----------------------------|--------------------------------------------------------------|-----------------------------------------------------|--------------------------------|---------------------------------|
| 61 <sup>1</sup>             | Determination of compressive strength                        | ČSN EN 13286-41;<br>STN EN 13286-41                 | Hydraulically bound mixtures   | -                               |
| 62 <sup>1</sup>             | Determination of frost and water resistance                  | ČSN 73 6124-1, Annex A                              | Hydraulically bound mixtures   | -                               |
| 63 <sup>1</sup>             | Determination of layer thickness on cores                    | ČSN EN 13863-3;<br>STN EN 13863-3                   | Hardened concrete              | -                               |
| 64 <sup>1</sup>             | Determination for adhesion of asphaltic binders to aggregate | ČSN 73 6161;<br>ČSN EN 12697-11;<br>STN EN 12697-11 | Bituminous binders, aggregates | -                               |
| 65 <sup>1</sup>             | Classification test for the constituents                     | ČSN EN 933-11;<br>STN EN 933-11                     | Coarse recycled aggregate      | -                               |

<sup>1</sup> 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)

<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

**Sampling:**

| Ordinal number <sup>2</sup> | Sampling procedure name                                         | Sampling procedure identification <sup>1</sup>                                                                                | Subject of sampling |
|-----------------------------|-----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 1 <sup>1, 2</sup>           | Sampling of bituminous mixtures                                 | ČSN EN 12697-27, except cl. 4.2, 4.5, 4.6, 4.8, 4.9 and 4.10;<br>STN EN 12697-27, except cl. 4.2, 4.5, 4.6, 4.8, 4.9 and 4.10 | Bituminous mixture  |
| 2 <sup>1, 2, 3</sup>        | Sampling of aggregates and reducing of laboratory samples       | ČSN EN 932-1, except cl. 8.2, 8.3, 8.4;<br>STN EN 932-1, except cl. 8.2, 8.3, 8.4;<br>ČSN EN 932-2;<br>STN EN 932-2           | Aggregates          |
| 3 <sup>1</sup>              | Sampling of fresh concrete                                      | ČSN EN 12350-1;<br>STN EN 12350-1                                                                                             | Fresh concrete      |
| 4 <sup>1</sup>              | Sampling of hardened concrete (cored specimens from structures) | ČSN EN 12504-1, cl. 5 and 6;<br>STN EN 12504-1, cl. 5 and 6                                                                   | Hardened concrete   |

<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)

<sup>2</sup> the numerical index in the ordinal number of the sampling indicates the number of the workplace which performs the sampling (identification of the workplaces is given on the first page of this document)

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Explanations:

ČSN Czech standard  
STN Slovak standard  
IZP Internal test method  
VZD Vertical road traffic signs  
TP Technical specifications of the Ministry of Transport of Czech Republic  
CHRL defrosting chemicals

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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."*