



SLOVENSKÁ NÁRODNÁ
AKREDITAČNÁ SLUŽBA

CERTIFICATE OF ACCREDITATION

No. T-008

dated 16.04.2025

The Slovak National Accreditation Service issues a Certificate of Accreditation to an accredited body pursuant to Section 26 par.6 of Act No. 53/2023 Coll. on Accreditation of Conformity Assessment Bodies (hereinafter referred to as the "Accreditation Act").

Proficiency Testing Solutions Bulgaria Ltd.

36 Despot Slav, Smolyan, 4700, Republic of Bulgaria
ID Number: 206225550

Organizational unit performing the activity of the Accredited Body:
PT PROVIDER PTS Bulgaria

Workplace of the Accredited Body:
36 Despot Slav, Smolyan, 4700, Republic of Bulgaria

Identification number of the Accredited Body: 752/T-008

Area of accreditation: Proficiency testing

The accredited body demonstrated its competence to perform the accredited activity fulfilling the accreditation requirements of **ISO/IEC 17043: 2010** Standard and **ISO/IEC 17043: 2023** Standard as amended by **ISO/IEC 17043: 2023/A11: 2024** Standard when performing organization of proficiency testing schemes in the field of testing and sampling of construction materials and constructions, and in the field of calibration of measuring instruments of dimensional quantities, calibration of measuring instruments of mechanical quantities, calibration of measuring instruments of temperature quantities, calibration of measuring instruments of physical-chemical quantities, within the accreditation scope delineated in the Annex of this Certificate of Accreditation. The Annex shall form an integral part of the Certificate of Accreditation.

Number and date of issue of the accreditation decision: No. 752/11695/2025/1 dated 16.04.2025

Validity of the accreditation decision:

The accreditation decision No. 752/11695/2025/1 dated 16.04.2025 is valid from 16.04.2025 to 08.07.2026.

The validity of this Accreditation Certificate expires upon the expiry of the accreditation decision, the decision on withdrawal of the accreditation pursuant to Section 31 or the expiry of the accreditation pursuant to Section 32 of the Accreditation Act.



Štefan Král
director

SNAS is signatory to the EA MLA and ILAC MRA.

record number: 11695/345881

Slovenská národná akreditačná služba, Karloveská 63, P.O.BOX 74, 840 00 Bratislava

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Scope of Accreditation

Accredited body: Proficiency Testing Solutions Bulgaria Ltd.
36 Despot Slav, Smolyan, 4700, Republic of Bulgaria

Organizational unit performing the activity of the accredited body:
PT PROVIDER PTS Bulgaria

Place of performance of the accredited body:
36 Despot Slav, Smolyan, 4700, Republic of Bulgaria

Identification number of the accredited body: 752/T-008

Specification of activities of proficiency testing provider

| Item | Field | Subject of proficiency testing | Compared properties (parameters, indicators, analytes), Range of compared values | Indication of the proficiency testing program | Other specification |
|------|--------------|---|---|---|---------------------------|
| 1 | Construction | Aggregates (lightweight and normal-weight coarse, fine and all-in aggregates) | Particle size distribution | PTS year/month-T-XX | At least once per 5 years |
| | | | Fines content (Percentage of fines) | | |
| | | | Shells content | | |
| | | | Shape index | | |
| | | | Overall flakiness index | | |
| | | | Percentage of crushed particles | | |
| | | | Percentage of totally crushed particles | | |
| | | | Percentage of totally rounded particles | | |
| | | | Polished Stone Value | | |
| | | | Water content | | |
| | | | Loose bulk density | | |
| | | | Particle density: | | |
| | | | - Apparent particle density | | |
| | | | - Oven-dried particle density | | |
| | | | - Saturated and surface-dried particle density | | |
| | | | - Pre-dried particle density | | |
| | | | Water absorption | | |
| | | | Percentage of voids | | |
| | | | Magnesium sulfate value | | |
| | | | Sand equivalent | | |
| | | | Methylene blue value | | |
| | | | Resistance to fragmentation by static loading | | |
| | | | Resistance to fragmentation – Los Angeles coefficient | | |
| | | | Resistance to wear (micro deval coefficient) | | |
| | | | Affinity between aggregate and bitumen – degree of bitumen coverage | | |
| | | | Resistance to freezing and thawing (Loss of mass) | | |
| | | | Loss of strength of basalt aggregate | | |
| | | | Loss of mass of basalt aggregate | | |
| | | | Total content of water-soluble salts | | |
| | | | Content of water-soluble sulfates | | |
| | | | Content of acid soluble sulfates | | |
| | | | Content of lightweight contaminants | | |
| | | | Potential presence of humus | | |
| | | | Content of water-soluble chloride salts | | |
| | | | Content of acid soluble chloride salts | | |
| | | | Total sulfur content | | |



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|------|--------------|--|---|---|---------------------------|
| 2 | Construction | Construction soils/ Aggregates for unbound and hydraulically bound mixtures | Particle size distribution | PTS year/month-T-XX | At least once per 5 years |
| | | | Fines content (Percentage of fines) | | |
| | | | Magnesium sulfate value | | |
| | | | Resistance to fragmentation by static loading | | |
| | | | Resistance to fragmentation - Los Angeles coefficient | | |
| | | | Shape index | | |
| | | | Overall flakiness index | | |
| | | | Resistance to wear (micro deval coefficient) | | |
| | | | Loose bulk density | | |
| | | | Percentage of voids | | |
| | | | Sand equivalent | | |
| | | | California bearing ratio - CBR | | |
| | | | Laboratory reference density and water content - Proctor compaction: - maximum bulk density - optimum water content | | |
| | | | Percentage of crushed particles Percentage of totally crushed particles Percentage of totally rounded particles | | |
| | | | Particle density: - Apparent particle density - Oven-dried particle density - Saturated and surface-dried particle density - Pre-dried particle density | | |
| | | | Water absorption | | |
| | | | Plasticity Index | | |
| | | | Liquid limit | | |
| | | | Plastic Limit | | |
| | | | Water content | | |
| | | | Compressive strength | | |
| | | | Particle density | | |
| | | | Elastic module, Deformation module, Deformation modules ratio | | |
| | | | Bulk density by substitute sand | | |
| | | | Bulk density of skeleton by substitute sand | | |
| | | | Bulk density | | |
| | | | | | |



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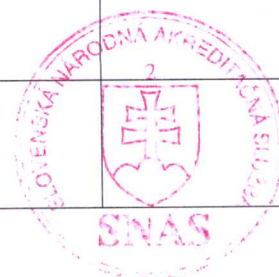
| Item | Field | Subject of proficiency testing | Compared properties (parameters, indicators, analytes), Range of compared values | Indication of the proficiency testing program | Other specification |
|------|--------------|---|--|---|---------------------------|
| 3 | Construction | Filler | Particle size distribution | PTS year/month-T-XX | At least once per 5 years |
| | | | Water content | | |
| | | | Specific density | | |
| | | | Particle density | | |
| | | | Methylene blue value | | |
| | | | Change of softening point by delta ring and ball test | | |
| | | | Total content of water-soluble salts | | |
| | | | Content of water-soluble sulfates | | |
| | | | Content of acid soluble chloride salts | | |
| | | | Content of acid soluble sulfates | | |
| | | | Content of water-soluble chloride salts | | |
| | | | Total sulfur content | | |
| 4 | | Bitumen and bitumen products (bitumen, modified bitumen, emulsion, asphalt paste) | Penetration | PTS year/month-T-XX | At least once per 5 years |
| | | | Softening point | | |
| | | | Elastic recovery | | |
| | | | Residual binder and oil distillate by distillation | | |
| | | | Properties of the residue after evaporation/distillation: - penetration; - softening point; - elastic recovery. | | |
| | | | Fraass breaking point | | |
| | | | Flash point | | |
| | | | Solubility | | |
| | | | Density | | |
| | | | Efflux time /viscosity/ | | |
| | | | Particle polarity | | |
| | | | Storage stability | | |
| | | | Mixing stability with cement | | |
| | | | Resistance to hardening at 163°C: change of mass | | |
| | | | Resistance to hardening at 163°C: retained penetration | | |
| | | | Resistance to hardening at 163°C: change of softening point | | |
| | | | Ductility | | |
| | | | Thermal resistance index | | |
| | | | Bitumen content | | |
| | | | Storage stability. Penetration difference between the upper and lower layer | | |
| | | | Storage stability. Softening point difference between the upper and lower layer | | |
| | | | Elastic recovery of the residue after loss of mass | | |
| | | | Residue on 0,5 mm sieve | | |
| | | | Adhesivity with limestone material | | |
| | | | pH | | |
| | | | | | |



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| 5 | Construction | Asphalt (bituminous) mixtures | Maximum density | PTS year/month-T-XX | At least once per 5 years |
| | | | Air voids content | | |
| | | | Bulk density | | |
| | | | Stability | | |
| | | | Flow | | |
| | | | Particle size distribution | | |
| | | | Soluble binder content | | |
| | | | Indirect tensile strength | | |
| | | | Indirect tensile strength ratio (Water sensitivity) | | |
| | | | Binder drainage | | |
| | | | Dimensions of a bituminous specimen" -height; - diameter; | | |
| | | | | | |
| 6 | | Laid and compacted bituminous layers | Irregularity of pavement courses /the straightedge test/ | PTS year/month-T-XX | At least once per 5 years |
| | | | Thickness of a bituminous pavement | | |
| 7 | | Fresh concrete | Air content | PTS year/month-T-XX | At least once per 5 years |
| | | | Slump | | |
| | | | Density | | |
| | | | Flow table test | | |
| 8 | | Hardened concrete | Compressive strength | PTS year/month-T-XX | At least once per 5 years |
| | | | Freeze-thaw resistance with de-icing salts | | |
| | | | Density | | |
| | | | Tensile splitting strength | | |
| | | | Flexural strength | | |
| | | | Water impermeability / Depth of penetration of water under pressure | | |
| | | | Rebound number | | |
| | | | Resistance to direct freezing and thawing -loss of mass; -loss of compressive strength | | |
| 9 | | Cement | Compressive strength | PTS year/month-T-XX | At least once per 5 years |
| | | | Setting times | | |
| | | | Soundness | | |
| | | | Standard consistence | | |
| 10 | | Not applicable | | | |
| 11 | | Mortars (Construction mortars and construction mortars for screed materials) | Bulk density of fresh mortar | PTS year/month-T-XX | At least once per 5 years |
| | | | Particle size distribution | | |
| | | | Dry bulk density of hardened mortar | | |
| | | | Flexural strength | | |
| | | | Compressive strength | | |
| | | | Adhesive strength on substrates | | |
| 12 | | Not applicable | | | |
| | | | | | |



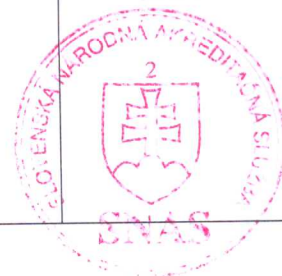
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| 13 | Construction | Concrete products (Concrete paving flags, Concrete kerb units, Concrete paving blocks) | Tensile splitting strength | PTS year/month-T-XX | At least once per 5 years |
| | | | Water absorption | | |
| | | | Resistance to frost (Loss of mass after test freeze – thaw with de-icing salt) | | |
| | | | Failure load | | |
| | | | Shape and dimensions | | |
| | | | Bending strength | | |
| | | | Abrasive wear (abrasion according to the Böhme test) | | |
| | | | Thickness of cover layer | | |
| | | | Unpolished slip resistance | | |
| 14 | Construction | Masonry units | Geometric dimensions and shape | PTS year/month-T-XX | At least once per 5 years |
| | | | Water absorption | | |
| | | | - water absorption coefficient due to capillary | | |
| | | | - initial rate of water absorption | | |
| | | | Compressive strength | | |
| | | | Water absorption | | |
| 15 | Construction | Waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles | Dry density: | PTS year/month-T-XX | At least once per 5 years |
| | | | - gross density - net density | | |
| 16 | Construction | Sampling of construction materials | Bond strength | PTS year/month-S-XX | At least once per 5 years |
| | | | Lightweight aggregates | | |
| | | | Aggregates | | |
| | | | Fine aggregates | | |
| | | | All-in aggregates | | |
| | | | Construction soils | | |
| | | | Aggregates for unbound and hydraulically bound mixtures | | |
| | | | Filler | | |
| | | | Bitumen | | |
| | | | Modified bitumen | | |
| | | | Emulsion | | |
| | | | Asphalt paste | | |
| | | | Asphalt (bituminous) mixtures | | |
| | | | Laid and compacted asphalt (bituminous) mixtures | | |
| | | | Fresh concrete | | |
| | | | Cement | | |
| | | | Sprayed concrete | | |
| | | | Construction mortars | | |
| | | | Construction mortars for screed materials | | |
| 17 | Length and Plane angle | Calibration of measuring instruments for geometrical quantities | Micrometers | PTS year/month-C-XX | At least once per 5 years |
| | | | Caliper devices | | |
| | | | Line scales and measuring tapes | | |
| | | | Measuring microscopes and profile projectors | | |
| | | | Dial gauges | | |
| | | | Gauges blocks and measurement Standards | | |
| | | | Plain angle gauges | | |
| | | | | | |

record number: 11695/345881

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| 18 | Force and moment of force meters | Calibration of measuring instruments of mechanical quantities | Force gauges | PTS year/month-C-XX | At least once per 5 years |
| | | | Force testing machines | | |
| | | | Hardness blocks and testers | | |
| | | | Torque measuring instruments | | |
| 19 | Pressure | Calibration of measuring instruments of mechanical quantities | Pressure measuring instruments | PTS year/month-C-XX | At least once per 5 years |
| 20 | Mass | | Balances/scales Weights Volume measures by gravimetric method | PTS year/month-C-XX | At least once per 5 years |
| 21 | Temperature | Calibration of measuring instruments of temperature quantities | Temperature indicators and simulators | PTS year/month-C-XX | At least once per 5 years |
| | | | Temperature transducers and sensors | | |
| | | | Thermometers | | |
| 22 | Physico-chemical quantities | Calibration of measuring instruments of physicochemical quantities | pH Meters | PTS year/month-C-XX | At least once per 5 years |
| | | | Conductometers | | |
| | | | Spectrophotometers | | |
| | | | Hygrometers for relative humidity of air | | |

