



SLOVENSKÁ NÁRODNÁ
AKREDITAČNÁ SLUŽBA

CERTIFICATE OF ACCREDITATION

No. T-008

dated 09.04.2026

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: 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. 752/12639/2026/1 dated 09.04.2026

Validity of the accreditation decision:

The accreditation decision No. 752/12639/2026/1 dated 09.04.2026 takes effect from 09.07.2026 to 09.07.2031.




Štefan Král
director

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 value	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)				
	Shell 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 - Particle density saturated to a constant mass				
	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 on ignition				
	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				
	Alkali-silica reactivity (soluble silica)				
	Total sulfur content				



Item	Field	Subject of proficiency testing	Compared properties (parameters, indicators, analytes), Range of compared value	Indication of the proficiency testing program	Other specification
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 Swelling		
			Immediate bearing index		
			Laboratory reference density and water content - Proctor compaction: - maximum dry 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 - Particle density saturated to a constant mass		
			Water absorption		
			Plasticity Index		
			Liquid limit		
			Plastic Limit		
			Water content		
			Compressive strength		
			Particle density		
			Elastic module, Deformation module, Deformation modules ratio		
			Bulk density by the Sand-Cone method (sand replacement method)		
			Bulk density of skeleton by the Sand-Cone method (sand replacement method)		
			Bulk density		



Annex to the Certificate of Accreditation No. T-008 dated 09.04.2026.

The Annex is an integral part of the
Certificate of Accreditation

Item	Field	Subject of proficiency testing	Compared properties (parameters, indicators, analytes), Range of compared value	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					



Item	Field	Subject of proficiency testing	Compared properties (parameters, indicators, analytes), Range of compared value	Indication of the proficiency testing program	Other specification
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	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		
			Flexural strength		
			Fineness (sieve method)		
			Specific surface (Blaine method)		
			Loss on ignition		
			Insoluble residue		
			Sulphate content (expressed as SO ₃)		
			Chloride content		
10		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		



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11	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		
12		Waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles	Bond strength	PTS year/month-T-XX	At least once per 5 years
13		Sampling of construction materials	Aggregates (<i>Fine aggregates, Coarse aggregates, All-in aggregates, Lightweight aggregates, Aggregates for unbound and hydraulically bound mixtures, Aggregates for railway ballast, Unbound mixtures, Hydraulically bound mixtures</i>)	PTS year/month-S-XX	At least once per 5 years
			Construction soils		
			Filler		
			Bitumen and bituminous products		
			Asphalt (bituminous) mixtures		
			Laid and compacted asphalt (bituminous) mixtures		
			Fresh concrete		
			Cement		
14	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		
15	Force and moment of force meters		Force gauges	PTS year/month-C-XX	At least once per 5 years
			Force testing machines		
			Hardness blocks and testers		
			Torque measuring instruments		
16	Pressure	Calibration of measuring instruments of mechanical quantities	Pressure measuring instruments	PTS year/month-C-XX	At least once per 5 years
17	Mass	Calibration of measuring instruments of mechanical quantities	Balances/scales Weights Volume measures by gravimetric method	PTS year/month-C-XX	At least once per 5 years



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18	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		
19	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		

