REPUBLIC OF BULGARIA
Executive agency
Bulgarian accreditation service

Signatory to the EA Multilateral Agreement in this field

ORDER

No A 70

Sofia, 26.02.2025

Pursuant to Art. 10, para. 1, item 4, Art. 28, para. 1 of the Law on National Accreditation of Conformity Assessment Bodies, item 6 of the BAS QR 2 Accreditation Procedure, in connection with an open procedure reg. № 483/183 ЛИ/ПА/16.07.2024, report reg. № 483/183 ЛИ/ПА/4/В/15.11.2024 and statement of the Accreditation Commission reg. № 483/183 ЛИ/ПА/В/31.01.2025, I hereby

RE-ACCREDIT

ROAD CONSTRUCTION COMPANY SBS AD
ROAD CONSTRUCTION LABORATORY

Management address:
6000 Stara Zagora, 92, Hristo Botev Str.
Laboratory address:
6050 Hrishteni, 1 Novozagorsko Shose Str, Land Lot № 77476.507.94

To perform testing of:

Type of the scope: *flexible*			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
1.	Bitumen and bituminous binders: Paving Grade Bitumen (1) Polymer Modified Bitumen (2)	Penetration	БДС EN 1426 (1), (2)
		Softening point	БДС EN 1427 (1), (2)
2.	Bituminous mixtures	Soluble binder content	БДС EN 12697-1 (Automatic extractor; Continuous flow centrifuge)
		Particle size distribution	БДС EN 12697-2
		Bulk density	БДС EN 12697-6
		Maximum density	БДС EN 12697-5
		Air voids content	БДС EN 12697-8
		Stability	БДС EN 12697-34
		Flow	БДС EN 12697-34
		Height of a bituminous specimen	БДС EN 12697-29
		Diameter of a bituminous specimen	БДС EN 12697-29
		Reference density	БДС EN 12697-9*

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Type of the scope: *flexible*			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
		Degree of compaction	БДС EN 12697-9*
		Thickness of a bituminous pavement	БДС EN 12697-36 (Destructive Method)
3.	Roads and airfield pavements	Surface roughness of a pavement	БДС EN 13036-7
4.	Aggregates (1) Foundation soils (2) Pavement of unbound mixtures (3)	Particle size distribution	БДС EN 933-1 (1), (2)
		Fine fraction content	БДС EN 933-1 (1), (2)
		Flakiness index	БДС EN 933-3 (1)
		Shape index	БДС EN 933-4 (1)
		Percentage of: - broken particles; - totally broken particles; - totally rounded particles;	БДС EN 933-5 (1)
		Sand equivalent	БДС EN 933-8 + A1 (1)
		Water content	БДС EN 1097-5 (1)
		Particle density -specific particle density (ρ_a); -oven-dried particle density (ρ_{rd}); -saturated and surface-dried particle density (ρ_{ssd})	БДС EN 1097-6, cl. 7, cl. 8, cl. 9 (1)
		Water absorption	БДС EN 1097-6, cl. 7, cl. 8, cl. 9 (1)
		Magnesium sulphate value	БДС EN 1367-2 (1)
		Maximum dry density	БДС EN 13286-2 (Proctor mould (A) Large Proctor mould (B)) (1)
		Optimum water content	БДС EN 13286-2 (Proctor mould (A) Large Proctor mould (B)) (1)
		California bearing ratio	БДС EN 13286-47 (1)
		Liquid limit	Appendix № 15 to Ordinance № РД-02-20-2 for Design of Roads[1)] (1),(2)
		Plastic limit	Appendix № 16 to Ordinance № РД-02-20-2 for Design of Roads[2)] (1),(2)
		Plasticity index	Appendix № 16 to Ordinance № РД-02-20-2 for Design of Roads[2)] (1),(2)
		Maximum dry dencity	БДС 17146 (2)
		Optimum water content	БДС 17146 (2)
		Dry density	Appendix № 18 to Ordinance № РД-02-20-2 for Design of Roads[3)] (2),(3)

Type of the scope: *flexible*			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	2	3	4
		Degree of compaction	Appendix № 18 to Ordinance № РД-02-20-2 for Design of Roads[3] (2),(3)
		Elastic modulus	БДС 15130 (2), (3)
		Deformation modulus. Modular ratio	БДС 15130 (2), (3)

**Repealed but not replaced standard with regard to the testing method.*

To perform sampling of:

Type of scope: *flexible*		
№	**Tested products**	**Sampling methods (standard/validated method)**
1	**2**	**3**
1.	Bitumen and bituminous binders: Paving Grade Bitumens (1) Polymer Modified Bitumens (2)	БДС EN 58 (1), (2): - from sampling valve; - using weighted sampling can.
2.	Bituminous mixtures	БДС EN 12697-27: - from material, loaded in dump truck, with a shovel; - from material, positioned around the auger of an asphalting machine, with a shovel; - from laid or compacted material by core cutting with a drill.
3.	Aggregates	БДС EN 932-1: - from the inside of a pile, through a loading machine, with a shovel; - from a pile of small aggregates with a shovel/spoon; - from a pile of large aggregates with a shovel. БДС EN 13286-1

***Flexible* Scope:** *Implementing a new version of standards/documents or standards / documents replacing them is allowed. An updated list of standards/documents and their dated versions is provided by laboratory.*

References:

[1] Appendix № 15 to Art. 160, item 3 of Ordinance № РД-02-20-2/28.08.2018 for Design of Roads: Flow limit determining method;

[2] Appendix № 16 to Art. 160, item 3 of Ordinance № РД-02-20-2/28.08.2018 for Design of Roads: Method for determining the plastic limit of soils and plasticity indicator of soils.

[3] Appendix № 18 to Art. 168, para. 1 of Ordinance № РД-02-20-2/28.08.2018 for Design of Roads: Method for determining the bulk density of construction soils in-situ, through substitute sand.

I ORDER

To issue the certificate of accreditation reg. № 183 ЛИ/26.02.2025, valid until 26.02.2029, and this order as an integral part of it.

The certificate of accreditation with the enclosure to be received by the Manager / representative of the Road Construction Company SBS AD, the head of Road Construction Laboratory at Road Construction Company SBS AD, or other authorized person in the office of EA BAS.

Upon receipt of the certificate and the enclosure issued, the accredited person is obliged to return to EA BAS the originals of accreditation certificate № 183 ЛИ/06.02.2023, valid until 26.02.2025 and its enclosure, EA BAS order reg. № А 74/06.02.2023.

This order shall be notified to the Road Construction Company SBS AD, within 3 (three) days from its issuance.

Eng. Irena Borislavova

Executive Director of EA BAS

EXECUTIVE AGENCY "BULGARIAN ACCREDITATION SERVICE" REPUBLIC OF BULGARIA