



ORDER

№ A 126

Sofia, 29.03.2024

Pursuant to Art. 10, para. 1, item 2a of the Law on National Accreditation of Conformity Assessment Bodies, and item 5.3.1 in connection with amendment of an element of the certificate content, according to item 4.3.8. f) of the BAS QR 2 Accreditation Procedure, report reg. № 199/126 ЛИ/2/В/29.01.2024, letter reg. № 199/126 ЛИ/23/Е/22.12.2022, annex reg. № 199/126 ЛИ/3/В/11.03.2024 and EA BAS order reg. № A 125/29.03.2024, I hereby

AMEND

EA BAS order reg. № 4/05.01.2023, at accreditation certificate
reg. № 126 ЛИ/05.01.2023, valid until 02.11.2026 of:

**GBS INFRASTRUCTURE CONSTRUCTION AD
TESTING CONSTRUCTION LABORATORY**

Management address: 1619 Sofia, 3-5, Damyanitsa Str.

Laboratory address: 1532 Sofia, Kazichene, Pancharevo District, Vidnite Quarter

To perform testing of:

Type of the scope: <i>flexible</i>			
№	Tested products	Type of test / characteristic	Testing methods (standard / validated method)
1	2	3	4
1.	Bitumens and bituminous binders	Penetration	БДС EN 1426
		Softening point by the Ring and Ball method	БДС EN 1427
2.	Bituminous emulsions	Visible (perceptible) properties	БДС EN 1425
		Content of recovered binder	БДС EN 1431
		Viscosity/efflux time	БДС EN 12846-1
		Residue on sieving	БДС EN 1429
		Particle polarity	БДС EN 1430
		Mixing stability with cement	БДС EN 12848
		Recovered binder - Penetration	БДС EN 1426

Type of the scope: <i>flexible</i>			
№	Tested products	Type of test / characteristic	Testing methods (standard / validated method)
1	2	3	4
		- Softening point by the Ring and Ball method	БДС EN 1427
		- Storage stability by sieving	БДС EN 1429
3.	Aggregates	Particle size distribution	БДС EN 933-1
		Flakiness index	БДС EN 933-3
		Shape index	БДС EN 933-4
		Percentage of crushed particles	БДС EN 933-5
		Resistance to frost - Direct freezing - Magnesium sulfate test	БДС EN 1367-1 БДС EN 1367-2
		Sand equivalent	БДС EN 933-8+A1
		Particle density	БДС EN 1097-6, cl. 7, cl. 8, cl. 9 and Annex A and B
		Water absorption	БДС EN 1097-6, cl. 7, cl. 8, cl. 9 and Annex B
		Particle density -Pyknometer method	БДС EN 1097-7
		Water content	БДС EN 1097-5 БДС EN ISO 17892-1 БДС EN ISO 17892-1/A1
		Loose bulk density and voids -Loose bulk density -Voids	БДС EN 1097-3
		Reference density and water content. Proctor method.	БДС EN 13286-2
		Elastic and deformation modulus by loading with a round plate	БДС 15130
		Los Angeles coefficient	БДС EN 1097-2
		Affinity with bitumen	БДС EN 12697-11, cl. 7
		Density in-place by the sand replacement method	AASHTO T 191
		Shells content	БДС EN 933-7
		California bearing ratio – CBR	БДС EN 13286-47
		Liquid limit	AASHTO T 89
		Plasticity limit	AASHTO T 90
		Plasticity index	AASHTO T 90
		Methylene blue test	БДС EN 933-9
		Resistance to fragmentation under static load	БДС EN 206+A2/NA
4.	Bituminous hot mixtures for road pavements	Determination of particle size distribution	БДС EN 12697-2+A1
		Soluble binder content	БДС EN 12697-1, Annex B, cl. B.2.1
		Bulk density of bituminous mixture	БДС EN 12697-6

Type of the scope: <i>flexible</i>			
№	Tested products	Type of test / characteristic	Testing methods (standard / validated method)
1	2	3	4
		Maximum density of bituminous mixture	БДС EN 12697-5
		Air voids content	БДС EN 12697-8, cl. 4
		Water sensibility	БДС EN 12697-12
		Tensile strength	БДС EN 12697-23
		Reference density of bituminous mixture	БДС EN 12697-9*
		Stability of bituminous mixture by Marshall method	БДС EN 12697-34
		Flow of bituminous mixture by Marshall method	БДС EN 12697-34
		Compaction degree	БДС EN 12697-9*
		Determination of the dimension of a bituminous specimen	БДС EN 12697-29
		Thickness of a bituminous pavement	БДС EN 12697-36, cl. 6.1
		Irregularities of the pavement	БДС EN 13036-7
5.	Fresh concretes	Slump	БДС EN 12350-2
		Density	БДС EN 12350-6
6.	Concrete	Compressive strength	БДС EN 12390-3
		Flexural strength	БДС EN 12390-5
		Density	БДС EN 12390-7
		Water impermeability	БДС EN 206+A2/NA, Annex NA.N
		Depth of penetration of water under pressure	БДС EN 12390-8
7.	Hydraulically bound materials	Compressive strength	БДС EN 13286-41

To perform sampling of:

Type of the scope: <i>Flexible</i>		
№	Product	Sampling method (standard/validated)
1	2	3
1.	Bitumens and bituminous binders	БДС EN 58
2.	Aggregates	БДС EN 932-1
3.	Bituminous mixtures	БДС EN 12697-27
4.	Fresh concrete	БДС EN 12350-1

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

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.

I ORDER

To issue the certificate of accreditation reg. № 126 ЛИ/29.03.2024, valid until 02.11.2026, 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 GBS Infrastructure Construction AD, the head of the Testing Construction Laboratory at GBS Infrastructure Construction 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 № 126 ЛИ/05.01.2023, valid until 02.11.2026 and an enclosure – EA BAS order reg. № A 4/05.01.2023 as an integral part of it.

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

Eng. Irena Borislavova

Executive Director of EA BAS