



REPUBLIC OF BULGARIA
Executive agency
Bulgarian accreditation service



Signatory to the EA Multilateral Agreement in this field

ORDER

№ A 406

Sofia, 30.10.2024

Pursuant to Art. 10, para. 1, item 2a, Art. 32, items 1 and 2 of the Law on National Accreditation of Conformity Assessment Bodies, item 5.3.1 in connection with amendment of an element of the certificate content, according to item 4.3.8. e), f) of the BAS QR 2 Accreditation Procedure, assessment report reg. № 263/159 ЛИ/5/В/17.04.2024, declaration reg. № 263/159 ЛИ/4/Е, P/09.04.2024 and EA BAS order reg. № A 405/30.10.2024, I hereby

AMEND

EA BAS order reg. № A 6/05.01.2023

**OF GBS INFRASTRUCTURE CONSTRUCTION AD
MOBILE CONSTRUCTION LABORATORY**

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

Laboratory address: 3945, Gara Oreshets, Dimovo Municipality, Geopecha Quarry

To perform testing of:

Type of scope: <i>flexible</i>			
№	Tested products	Type of test/ characteristic	Testing methods (standard/validated method)
1	2	3	4
1.	Bitumens and bituminous binders	1.1 Penetration	БДС EN 1426
		1.2 Softening point	БДС EN 1427
		1.3 Elastic recovery	БДС EN 13398
		1.4 Resistance to hardening by RTFOT method	БДС EN 12607-1 БДС EN 1426 БДС EN 1427
		- Change of mass	
		- Retained penetration	
		- Rise of softening point	
		1.5 Flash and fire point by Cleveland open cup method	БДС EN ISO 2592
		1.6 FRAASS breakening point	БДС EN 12593
2.	Aggregates	1.7 Deformation energy by the forced ductility method	БДС EN 13589
		1.8 Storage stability	БДС EN 13399
		- Difference in penetration	БДС EN 1426
		- Difference in softening point	БДС EN 1427
		2.1 Particle size distribution	БДС EN 933-1 AASHTO T 88, item 7, item 13
		2.2 Flakiness index	БДС EN 933-3
		2.3 Shape index	БДС EN 933-4
		2.4 Percentage of: - crushed particles;	БДС EN 933-5

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Type of scope: <i>flexible</i>			
№	Tested products	Type of test/ characteristic	Testing methods (standard/validated method)
1	2	3	4
		- totally crushed particles; - totally rounded particles;	
		2.5 Sand equivalent	БДС EN 933-8+A1
		2.6 Resistance to fragmentation - Los Angeles coefficient	БДС EN 1097-2
		2.7 Loose bulk density and voids - Loose bulk density - Voids	БДС EN 1097-3
		2.8 Water content	БДС EN 1097-5 БДС EN ISO 17892-1
		2.9 Particle density (ρ_a , ρ_{rd} , ρ_{ssd}) and water absorption	БДС EN 1097-6, cl. 7, cl. 8, cl. 9 and Annex B
		2.10 Particle density. Pyknometer method	БДС EN 1097-7
		2.11 Resistance to fragmentation under static load	БДС EN 206+A2/NA
		2.12 Magnesium sulfate value	БДС EN 1367-2
		2.13 Maximum density of skeleton at optimum water content. Proctor method.	БДС EN 13286-2
		2.14 Bearing coefficient – CBR	БДС EN 13286-47
		2.15 Elastic module. Deformation module: - E_1 - E_2 - ratio E_2/E_1	БДС 15130
		2.16 Maximum density of skeleton at optimum water content. Proctor method.	БДС 17146
		2.17 Liquid limit	AASHTO T 89 Ordinance № ПД-02-20-2, SG 79/2018, Annex № 15
		2.18 Plastic limit	AASHTO T 90 Ordinance № ПД-02-20-2, SG 79/2018, Annex № 16
		2.19 Plasticity index	AASHTO T 90 Ordinance № ПД-02-20-2, SG 79/2018, Annex № 16
		2.20 Density in-place by the sand replacement method	AASHTO T 191
3.	Bituminous mixtures. Road pavements	3.1 Particle size distribution	БДС EN 12697-2+A1
		3.2 Soluble binder content	БДС EN 12697-1, Annex B, cl. B.2.1
		3.3 Bulk density	БДС EN 12697-6
		3.4 Maximum density	БДС EN 12697-5
		3.5 Air voids content	БДС EN 12697-8, cl. 4
		3.6 Conventional reference density	БДС EN 12697-9* БДС EN 12697-6

Type of scope: <i>flexible</i>			
№	Tested products	Type of test/ characteristic	Testing methods (standard/validated method)
1	2	3	4
		3.7 Flow	БДС EN 12697-34
		3.8 Stability	БДС EN 12697-34
		3.9 Dimension of a bituminous specimen	БДС EN 12697-29
		3.10 Compaction degree	БДС EN 12697-9*
		3.11 Thickness of a bituminous pavement	БДС EN 12697-36, cl. 6.1
		3.12 Irregularities of the pavement	БДС EN 13036-7
4.	Fresh concrete	4.1 Slump	БДС EN 12350-2
		4.2 Density	БДС EN 12350-6
		4.3 Flow table test	БДС EN 12350-5
5.	Concrete	5.1 Compressive strength	БДС EN 12390-3
		5.2 Density	БДС EN 12390-7
		5.3 Surface moisture	ASTM F 2659
		5.4 Bond strength by direct tension	БДС EN 14488-4+A1
		5.5 Probable compressive strength by surface hardness	БДС EN 12504-2 БДС EN 13791
6.	Waterproofing of bridge facilities	9.1 Bond strength	БДС EN 13596
7.	Hydraulically bound mixtures	7.1 Compressive strength	БДС EN 13286-41

To perform sampling of:

Type of the scope: <i>flexible</i>		
№	Product	Sampling methods (standard/validated method)
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.	Concrete. Fresh concrete	БДС EN 12350-1
		БДС EN 14488-1
		БДС EN 12504-1

**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.

References:

1. Annex № 15 to Art. 160, item 3 of Ordinance № ПД-02-20-2/28.08.2018 for road design of Ministry of Regional Development and Public Works /MRDPW/, published SG, № 79/25.09.2018.
2. Annex № 16 to Art. 160, item 3 of Ordinance № ПД-02-20-2/28.08.2018 for road design of Ministry of Regional Development and Public Works /MRDPW/, published SG, № 79/25.09.2018.

I ORDER

To issue the certificate of accreditation reg. № 159 ЛИ/30.10.2024, valid until 28.11.2026, and this order as an integral part of it.

The certificate of accreditation with the enclosure to be received by the executive director/ representative of the GBS Infrastructure construction AD, the head of Mobile Construction Laboratory at the 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 № 159 ЛИ/05.01.2023, valid until 28.11.2026 and its enclosure – EA BAS order reg. № A 6/05.01.2023.

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

