



REPUBLIC OF BULGARIA
Executive agency
Bulgarian accreditation service



Signatory to the EA Multilateral Agreement in this field

ORDER

№ A 386

Sofia, 25.10.2024

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. № 277/85 ЛИ/4/В/24.07.2024, declaration reg. № 277/85 ЛИ/6/П/20.08.2024, annex reg. № 277/85 ЛИ/8/В/19.09.2024, and EA BAS order reg. № A 385/25.10.2024, I hereby

AMEND

EA BAS order reg. № A 369/30.08.2023 to certificate of accreditation
reg. № 85 ЛИ/30.08.2023, valid until 30.08.2027, as follows

**INTERSTATE LTD
ROAD LABORATORY**

Management address:

4004 Plovdiv, South District, 90 Nikola Vaptsarov Blvd, Floor 2, Apt. 33

Laboratory address:

4120 Katunitsa, Plovdiv Region, Letishteto Area, Chaya Asphalt Base,

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.	Aggregates:	1.1. Particle size distribution (1.a; 1.b; 1.c)	БДС EN 933-1
	a) for unbound and hydraulically bound materials for use in civil engineering work and road construction	1.2. Density in free bulk (1.a; 1.b; 1.c)	БДС EN 1097-3
		1.3. Percentage of gaps (1.a; 1.b; 1.c)	БДС EN 1097-3
	b) for bituminous mixtures and surface treatments for roads, airfields and other trafficked areas,	1.4. Particle density (1.a; 1.b; 1.c) - apparent particle density (Pa) - particle density in dry condition (Prd) - Saturated and surface-dried particle density (Pssd)	БДС EN 1097-6

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Type of the scope: <i>flexible</i>			
№	Tested products	Type of test / characteristic	Testing methods (standard/ validated method)
1	2	3	4
1	including fine fillers (Mineral flour)	- pre-dried particle density (Pp)	
	c) Supplementary materials and fillers	1.5. Water absorption (1.a; 1.b; 1.c)	БДС EN 1097-6
		1.6. Water content (1.a; 1.b; 1.c)	БДС EN 1097-5
		1.7. Percentage of fine fraction (1.a; 1.b; 1.c)	БДС EN 933-1
		1.8. Shape index (1.a; 1.b; 1.c)	БДС EN 933-4
		1.9. Magnesium-sulphate value, (MS) (1.a; 1.b; 1.c)	БДС EN 1367-2
		1.10. Liquid limit (1.a; 1.b; 1.c)	Ministry of Regional Development and Public Works; Ordinance № ПД-02-20-2, SG № 79/2018, Appendix № 15*
		1.11. Plastic limit (1.a; 1.b; 1.c)	Ministry of Regional Development and Public Works; Ordinance № ПД-02-20-2, SG № 79/2018, Appendix № 16*
		1.12. Plasticity index (1.a; 1.b; 1.c)	Ministry of Regional Development and Public Works; Ordinance № ПД-02-20-2, SG № 79/2018, Appendix № 16*
		1.13. Percentage of particle with crushed surfaces (1.a; 1.b; 1.c) - Percentage of the totally crushed particles (Ctc) - Percentage of crushed particles (Cpc) - Percentage of the totally rounded particles (Ctr)	БДС EN 933-5
		1.14. Maximum bulk density of the framework / optimum water content (1.a)	БДС 17146, cl. 3.3.1 and cl. 3.3.2 БДС EN 13286-2, cl. 7.1, cl. 7.2, cl. 7.4 and cl. 7.5
		1.15. California bearing ratio (1.a) (CBR)	БДС EN 13286-47
		1.16. Elastic modulus upon loading with a circular slab (1.a)	БДС 15130
		1.17. Deformation module upon loading with a circular slab (1.a)	БДС 15130
		1.18. E2/E1 deformation modules ratio upon loading with a circular slab (1.a)	БДС 15130
		1.19. Bulk density under the "Replacement sand" method	Ministry of Regional Development and Public Works;

Type of the scope: <i>flexible</i>			
Nº	Tested products	Type of test / characteristic	Testing methods (standard/ validated method)
1	2	3	4
		(1.a)	Ordinance № ПД-02-20-2, SG № 79/2018, Appendix № 18*
		1.20. Degree of compaction (1.a)	Ministry of Regional Development and Public Works; Ordinance № ПД-02-20-2, SG № 79/2018, Appendix № 18*
		1.21. Sand equivalent (1.a; 1.b; 1.c)	БДС EN 933-8
		1.22. Affinity whit bitumen (1.a; 1.b; 1.c)	БДС 11685
		1.23. Degree of bitumen coverage (affinity between aggregate and bitumen) - (1.b)	БДС EN 12697-11, Hot water desorption Method
2.	Construction soils	2.1. Water content	БДС EN/ISO 17892-1
		2.2. Particle size distribution	БДС EN 933-1
		2.3. Bulk density / Density in dry condition	БДС EN/ISO 17892-2:2015, Cutting ring Method
		2.4. Density of Soil In-Place by the Sand-Code Method	Ministry of Regional Development and Public Works; Ordinance № ПД-02-20-2, SG № 79/2018, Appendix № 18*
		2.5. Degree of compaction	Ministry of Regional Development and Public Works; Ordinance № ПД-02-20-2, SG № 79/2018, Appendix № 18*
		2.6. Liquid limit	Ministry of Regional Development and Public Works; Ordinance № ПД-02-20-2, SG № 79/2018, Appendix № 15*
		2.7. Plastic limit	Ministry of Regional Development and Public Works; Ordinance № ПД-02-20-2, SG № 79/2018, Appendix № 16*
		2.8. Plasticity index	Ministry of Regional Development and Public Works; Ordinance № ПД-02-20-2, SG № 79/2018, Appendix № 16*
		2.9. Maximum bulk density of the framework / optimum water content (1.a)	БДС 17146, cl. 3.3.1 and cl. 3.3.2 БДС EN 13286-2, cl. 7.1, cl. 7.2, cl. 7.4 and cl. 7.5
		2.10. California bearing ratio	БДС EN 13286-47
		2.11. Elastic module upon loading with a circular slab	БДС 15130
		2.12. Deformation module upon loading with a circular slab	БДС 15130

Type of the scope: <i>flexible</i>			
№	Tested products	Type of test / characteristic	Testing methods (standard/ validated method)
1	2	3	4
		2.13. E2/E1 deformation modules ratio upon loading with a circular slab	БДС 15130
3.	Bitumen a) Oil bitumen b) Polymer modified bitumen (PmB)	3.1. Penetration	БДС EN 1426
		3.2. Softening point	БДС EN 1427
4.	Bituminous mixtures	4.1. Bulk density	БДС EN 12697-6
		4.2. Maximum density	БДС EN 12697-5
		4.3. Particle-size distribution (PSD)	БДС EN 12697-2+A1
		4.4. Soluble binder content	БДС EN 12697-1
		4.5. Resistance	БДС EN 12697-34
		4.6. Conditional plasticity	БДС EN 12697-34
		4.7. Marshall Coefficient	БДС EN 12697-34
		4.8. Indirect tensile strength - ITS	БДС EN 12697-23
		4.9. Indirect tensile strength ratio ITSR (Water sensitivity)	БДС EN 12697-12 Procedure A
		4.10. Air voids content	БДС EN 12697-8
5.	Laid and compact asphalt layers	5.1. Bulk density	БДС EN 12697-6
		5.2. Degree of compaction	БДС EN 12697-9 *
		5.3. Height of bituminous specimens	БДС EN 12697-29

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

To perform sampling of:

Type of the scope: <i>flexible</i>		
№	Product	Sampling methods (standard/validated method)
1	2	3
1.	Laid and compact asphalt layers	БДС EN 12697-27, cl. 4.7

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.*

Reference:

- 1) Appendix № 15 to Art. 160, item 3 of Ordinance № ПД-02-20-2/28.08.2018 on road design by the Ministry of Regional Development and Public Works, SG № 79/25.09.2018;
- 2) Appendix № 16 to Art. 160, item 3 of Ordinance № ПД-02-20-2/28.08.2018 on road design by the Ministry of Regional Development and Public Works, SG № 79/25.09.2018;
- 3) Appendix № 18 to Art. 168, para 1 of Ordinance № ПД-02-20-2/28.08.2018 on road design by the Ministry of Regional Development and Public Works, SG № 79/25.09.2018;

I ORDER

To issue the certificate of accreditation reg. № 85 ЛИ/25.10.2024, valid until 30.08.2027, and this order as an integral part of it.

The certificate of accreditation with the enclosure to be received by the manager/ representative of INTERSTATE LTD, the head of Road Laboratory, 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 № 85 ЛИ/30.08.2023, valid until 30.08.2027 and its enclosure – EA BAS order reg. № A 369/30.08.2023.

This order shall be notified to INTERSTATE LTD, within 3 (three) days from its issuance.

Eng. Irena Borislavova

Executive Director of EA BAS

