Republic of Bulgaria
Executive Agency
Bulgarian Accreditation Service

Signatory to the EA Multilateral Agreement in this field

ORDER

№ A 156

Sofia, 07.04.2023

Pursuant to Art. 10, para. 1, item 2a, Art. of the Law on National Accreditation of Conformity Assessment Bodies, in connecton with amendment of an element of the certificate content, according to item 4.3.8. of the BAS QR 2 Accreditation Procedure, report reg. № 170/236 ЛИ/8/В/07.04.2023 and EA BAS order reg. № A 155/ 07.04.2023, I hereby

AMEND

EA BAS order reg. № A 99/15.02.2023, an integral part of certificate of accreditation reg. № 236 ЛИ/15.02.2023, valid until 01.11.2025, as follows:

PATINJINERING AD,
Road Construction Laboratory

Management Address:
7000 Ruse, 14 Olimpi Panov Str., complex Evas, entr. C, floor 4
Laboratory address:
7000 Ruse, Sredna Kula district, 22 Morava Str.

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.	Asphalt concrete for roads and other heavy-traffic areas	1.1	Bulk density of asphalt mix	БДС EN 12697-6
		1.2	Maximum density of asphalt mix	БДС EN 12697-5
		1.3	Air voids content	БДС EN 12697-8 cl. 4
		1.4	Soluble binder content	БДС EN 12697-1 Annex B, cl. B.2.1
		1.5	Particlesize distribution	БДС EN 12697-2+A1
		1.6	Marshall test – stability	БДС EN 12697-34
		1.7	Marshall test – conditionalplasticity	БДС EN 12697-34
		1.8	Temperature of the asphalt	БДС EN 12697-13

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Type of the scope: *flexible*				
№	**Tested products**	**Type of test / characteristic**		**Testing methods (standard / validated method)**
1	**2**	**3**		**4**
			mix	
2.	Asphalt pavements	2.1	Thickness of an asphalt pavement	БДС EN 12697-36, cl. 6.1
		2.2	Compaction rate	БДС EN 12697-9
		2.3	Bulk density of asphalt specimen (core)	БДС EN 12697-6
3.	Rock materials: 1. Coarse-grained rock materials for road base layers, bituminous mixtures and pavements for roads, airplane runways and other transport areas 2. Fine-grained and unfractionated rock materials for road base layers, bituminous mixtures and pavements for roads, airplane runways and other transport areas	3.1	Granulometric content / fine fraction content	БДС EN 933-1 (1, 2)
		3.2	Form coefficient	БДС EN 933-4 (1)
		3.3	Loose bulk density and voids - loose bulk density - voids percentage	БДС EN 1097-3 (1, 2)
		3.4	Water content	БДС EN 1097-5 (1, 2)
		3.5	Particle density - visible grain density in the dry state - grain density in water-saturated surface dry content	БДС EN 1097-6 (1, 2)
		3.6	Waterabsorption	БДС EN 1097-6 (1, 2)
		3.7	Maximum bulk density of the skeleton and optimum water content, Proctor method	БДС 17146 (1) БДС EN 13286-2 (1, 2)
		3.8	California bearing ratio (CBR)	БДС EN 13286-47 (1, 2)
		3.9	Bulk density in-place by the sand-cone method	AASHTO T 191 (1) Method of MRRB-GUP, 1999 (1)
		3.10	Elastic and deformation module by load with a round plate - elastic module - deformation module - relation of the deformation modules E2/E1	БДС 15130 (1)
		3.11	Sand equivalent	БДС EN 933-8 +A1 (2)
		3.12	Flat grain index	БДС EN 933-3 (1)
		3.13	Frostresistance. Magnesium sulfate method (MgSO4)	БДС EN 1367-2 (1, 2)
		3.14	Degreeof compaction	AASHTO T 191 (1) Method of MRRB-GUP, 1999 (1)
4.	Mineral flour	4.1	Granulometric content / fine fraction content	БДС EN 933-1
		4.2	Water content	БДС EN 1097-5
5.	Bitumens and	5.1	Penetration	БДС EN 1426

Type of the scope: *flexible*				
№	**Tested products**	**Type of test / characteristic**		**Testing methods (standard / validated method)**
1	**2**	**3**		**4**
	bituminous binders	5.2	Softeningpoint	БДС EN 1427
		5.3	Affinitybetween aggregate and bitumen / degree of bitumen coating	БДС EN 12697-11, cl. 7
6.	Construction soils	6.1	Maximum bulk density of the skeleton and optimum water content, Proctor method	БДС 17146 БДС EN 13286-2
		6.2	California bearing ratio (CBR)	БДС EN 13286-47
		6.3	Water content	БДС EN 1097-5
		6.4	Bulk density in-place by the sand-cone method	AASHTO T 191 Method of MRRB-GUP, 1999
		6.5	Elastic and deformation module by load with a round plate - elastic module - deformation module - relation of the deformation modules E2/E1	БДС EN 15130
		6.6	Degreeof compaction	AASHTO T 191 Method of MRRB-GUP, 1999

To perform sampling of:

Type of the scope: *flexible*		
№	**Tested products**	**Sampling methods (standard/validated method)**
1	**2**	**3**
1	Asphalt mixtures for roadsurfaces; asphalt layers	БДС EN 12697-27, cl. 4.1, cl. 4.2, cl. 4.3, cl. 4.4 and cl. 4.7
3	Mineral flour	БДС EN 932-1
4	Bitumens and bituminous binders	БДС EN 58, cl. 8.1 and cl. 8.2
5	Construction soils	БДС EN 932-1
6	Rock materials	БДС EN 932-1

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 CAB.*

Reference:

Method of MRRB – GUP, 1999 Methodology for determining the bulk density of construction soils in place by the sand-cone method.

I ORDER

To issue the certificate of accreditation reg. № 236 ЛИ/07.04.2023, valid until 01.11.2025, and this order as an integral part of it.

The Certificate of accreditation with the enclosure to be received at the office of EA BAS by the Manager / representative of the Patinjinering AD, Ruse, the head of Road Construction Laboratory at Patinjinering AD, Ruse, 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 № 236 ЛИ / 15.02.2023, valid until 01.11.2025 and its enclosure – EA BAS order reg. № А 99/15.02.2023.

This order shall be notified to the Patinjinering AD, Ruse, within 3 (three) days from its issuance.

Eng. Irena Borislavova

Executive Director of EA BAS