



REPUBLIC OF BULGARIA
Executive agency
Bulgarian accreditation service



Signatory to the EA Multilateral Agreement in this field

ORDER

№ A 392

Sofia, 28.10.2024

Pursuant to Art. 10, para. 1, item 4, Art. 28, para. 1 of the Law on National Accreditation of Conformity Assessment Bodies and item 6 of the BAS QR 2 Accreditation Procedure, in connection with an open procedure reg. № 434/196 ЛИ/ПА/29.03.2024, report reg. № 434/196 ЛИ/ПА/9/В/11.09.2024 and statement of the Accreditation Commission reg. № 434/196 ЛИ/ПА/10/В/15.10.2024, I hereby

RE-ACCREDIT

**PATNO STROITELSTVO JSC
CONSTRUCTION LABORATORY**

Management address: 7200 Razgrad, 120 Knyaz Boris Str.
Laboratory address: 7218 Poroishte, Razgrad Region, Boaza Area

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.	Asphalt mixtures (1) Compacted asphalt layers (2)	1.1 Volumetric density (1)	БДС EN 12697-6
		1.2 Maximal density (1)	БДС EN 12697-5
		1.3 Asphalt test body dimensions (1)	БДС EN 12697-29
		1.4 Air pores in asphalt test bodies/Residual porosity/ (1)	БДС EN 12697-8, cl. 4
		1.5 Stability by the Marshall Method (1)	БДС EN 12697-34
		1.6 Conventional plasticity by the Marshall Method (1)	БДС EN 12697-34
		1.7 Content of a soluble binding substance (1)	БДС EN 12697-1, Appendix B cl. 2.1
		1.8 Particle size distribution (1)	БДС EN 12697-2+A1
		1.9 Comparative density (2)	БДС EN 12697-9*
		1.10 Degree of compaction (2)	БДС EN 12697-9*
		1.11 Asphalt pavement thickness (2)	БДС EN 12697-36 cl. 6.1
		1.12 Asphalt test bodies water sensitivity (1)	БДС EN 12697-12
		1.13 Indirect tensile strength of asphalt test bodies (1)	БДС EN 12697-23

52 A "Dr. G. M. Dimitrov" Blvd. 1797 Sofia Bulgaria
phone: +359 2 9766 401; fax: +359 2 873 53 02
e-mail: office@nab-bas.bg; web: www.nab-bas.bg

Type of the scope: <i>flexible</i>			
№	Tested products	Type of test / characteristic	Testing methods (standard / validated method)
1	2	3	4
2.	Rock materials (1) Construction soils (2)	2.1 Grain size composition (1)	БДС EN 933-1
		2.2 Grain content under 0.063 mm (1)	БДС EN 933-1
		2.3 Index of flat grain (1)	БДС EN 933-3
		2.4 Shape coefficient (1)	БДС EN 933-4
		2.5 Grain density / ρ_a , ρ_{rd} , ρ_{ssd} / (1)	БДС EN 1097-6 cl. 7, cl. 8 and cl. 9 Appendix A and Appendix B
		2.6 Water absorption (1)	БДС EN 1097-6 cl. 7, cl. 8 and cl. 9 Appendix B
		2.7 Fine aggregate particles density. (1)	БДС EN 1097-7
		2.8 Volumetric bulk density (1)	БДС EN 1097-3
		2.9 Water content (1)	БДС EN 1097-5
		2.10 Sand equivalent (1)	БДС EN 933-8+A1
		2.11 Crushing resistance / Los Angeles/ (1)	БДС EN 1097-2
		2.12 Evaporation resistance magnesium sulfate test /Frost resistance/ (1)	БДС EN 1367-2
		2.13 Percentage of - Partially crushed grains; - Completely crushed grains; - Completely rounded grains. (1)	БДС EN 933-5
		2.14 Leak (flow) limit (2)	AASHTO T89
		2.15 Plasticity index. Plasticity limit (drain) (2)	AASHTO T90
		2.16 Comparative density and water content. Proctor. (2)	БДС EN 13286-2
		2.17 Coefficient of CBR portability (2)	БДС EN 13286-47
		2.18 Volumetric density on place by the Replacing sand Method (2)	AASHTO T191
		2.19 Elastic and deformation modulus. Relationship between the deformation modules. E2/E1 (2)	БДС 15130
		2.20 Content of noxious fine admixtures - methylene blue (1)	БДС EN 933-9
		2.21 Voids in a fine aggregate. (1)	БДС EN 1097-4
		2.22 Determination of adhesion between rock material and bitumen (1)	БДС EN 12697-11, cl. 7
3.	Bitumen and bituminous binders	3.1 Penetration	БДС EN 1426
		3.2 Softening point. (Ring and ball Method)	БДС EN 1427
4.	Concrete	4.1 Compression strength	БДС EN 12390-3
5.	Concrete mixtures	5.1 Compaction	БДС EN 12350-2

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

To perform sampling of:

Type of the scope: <i>flexible for part of the scope</i>		
№	Product	Sampling methods (standard/validated method)
1.	2	3
1.	Asphalt mixtures	БДС EN 12697-27
2.	Rock materials	БДС EN 932-1
3.	Bitumen and bituminous binders	БДС EN 58
4.	Concrete and concrete mixture	БДС EN 12350-1

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.

I ORDER

To issue the certificate of accreditation reg. № 196 ЛИ/28.10.2024, valid until 28.10.2028, and this order as an integral part of it.

The certificate of accreditation with the enclosure to be received by the manager / representative of Patno Stroitelstvo JSC, the head of Construction 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 № 196 ЛИ/04.07.2023, valid until 28.10.2024 and its enclosure – EA BAS order reg. № A 269/04.07.2023.

This order shall be notified to Patno Stroitelstvo JSC, within 3 (three) days from its issuance.

Eng. Irena Borislavova

Executive Director of EA BAS



