



Signatory to the EA Multilateral Agreement in this field

ORDER

№ A 341

Sofia, 13.09.2024

Pursuant to Art. 10, para. 1, item 4, Art. 28, para. 1 of the Law on National Accreditation of Conformity Assessment Bodies, item 6 of the BAS QR 2 Accreditation Procedure, in connection with an open procedure reg. № 8/28 ЛИ/ПА/16.01.2024, assessment report reg. № 8/28 ЛИ/ПА/6/В/09.05.2024 and statement of the Accreditation Commission ref. № 8/28 ЛИ/11/В/29.08.2024, I hereby

RE-ACCREDIT

**ROADS AD
ROAD LABORATORY**

Management address: 4400 Pazardzhik, 29 Sinitevska Str.
Laboratory address: 4474 Semchinovo, Asphalt base, Septemvri Municipality,
Pazardzhik Region

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.	Aggregate/rock materials (for bituminous mixtures, pavements, runways, and other transport areas; unbound and hydraulically bound mixtures for use in construction equipment and road construction)	1.1. Granulometric composition	БДС EN 933-1
		1.2. Shape coefficient	БДС EN 933-4
		1.3. Weathering resistance with magnesium sulphate (magnesium sulphate value)	БДС EN 1367-2
		1.4. Grain density - bulk density - grain density in dry condition - grain density in saturated surface dry condition	БДС EN 1097-6, cl. 8; cl. 9;
		1.5. Water absorption	БДС EN 1097-6, cl. 8; cl. 9;
		1.6. Sand equivalent	БДС EN 933-8+A1
2.	Mineral flour and fillers for asphalt mixtures	2.1. Granulometric composition	БДС EN 933-1
		2.2. Particle density	БДС EN 1097-7
3.	Bitumen petroleum viscous	3.1. Penetration	БДС EN 1426
		3.2. Softening point by the ring and ball method	БДС EN 1427
4.	Hot asphalt mixtures and cores cut from the road, trimmed by sawing.	4.1. Sizes of asphalt test piece: - diameter; - height; - width; - depth;	БДС EN 12697-29

Type of the scope: <i>flexible</i>			
№	Tested Products	Type of Test/Characteristic	Testing methods (standard/ validated method)
1	2	3	4
		4.2. Volume density	БДС EN 12697-6 (Procedure B)
		4.3. Contents of air pores	БДС EN 12697-8, cl. 4
		4.4. Stability	БДС EN 12697-34
		4.5. Probable plasticity	БДС EN 12697-34
		4.6. Marshall coefficient	БДС EN 12697-34
		4.7. Maximum density	БДС EN 12697-5 (Procedure A)
		4.8. Soluble binder content	БДС EN 12697-1, Annex B
		4.9. Distribution of particle size	БДС EN 12697-2+A1
		4.10. Thickness of a bituminous pavement	БДС EN 12697-36, cl. 4.1
		4.11. Degree of compactability	БДС EN 12697-9
5.	Construction soils and road structures	5.1. Degree of compactability	MRDPW Ordinance № РД-02-20-2, SG № 79/2018, Appendix № 18
		5.2. Maximum volume density of frame by the Proctor method	БДС EN 13286-2
		5.3. Optimum water content by the Proctor method	БДС EN 13286-2
		5.4. California bearing ratio CBR	БДС EN 13286-47
		5.5. Linear inflation	БДС EN 13286-47
		5.6. Liquid limit	MRDPW Ordinance № РД-02-20-2, SG № 79/2018, Appendix № 15
		5.7. Drainage limit; plasticity index	MRDPW Ordinance № РД-02-20-2, SG № 79/2018, Appendix № 16
		5.8. Volume density on site by sand replacement	MRDPW Ordinance № РД-02-20-2, SG № 79/2018, Appendix № 18
		5.9. Determination of the elastic and the deformation modulus by means of a round plate load: - elastic modulus (Ee) - deformation modulus (E ₁), (E ₂), E ₃ ; - ratio of deformation modulus (E ₂ /E ₁)	БДС 15130

To perform sampling of:

Type of the scope: <i>flexible</i>		
№	Product	Sampling method (standardized/ validated)
1	2	3
1.	Aggregate/ rock materials (for bituminous mixtures, pavements, runways, and other transport areas; unbound and hydraulically bound mixtures for use in construction equipment and road construction)	БДС EN 932-1
2.	Hot asphalt mixtures and cores cut from the road, trimmed by sawing.	БДС EN 12697-27 cl. 4.1, cl. 4.1, cl. 4.3, cl. 4.4, cl. 4.7,

References:

1. Annex № 15, Art. 168, para. 1 of Ordinance № РД-02-20-2/28.08.2018 for Road Design of the Ministry of Regional Development and Public Works (MRDPW), SG, № 79/2018.
2. Annex № 16, Art. 168, para. 1 of Ordinance № РД-02-20-2/28.08.2018 for Road Design of the Ministry of Regional Development and Public Works (MRDPW), SG, № 79/2018.
3. Annex № 18, Art. 168, para. 1 of Ordinance № РД-02-20-2/28.08.2018 for Road Design of the Ministry of Regional Development and Public Works (MRDPW), SG, № 79/2018.

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.*

ORDER

To issue the certificate of accreditation reg. № 28 ЛИ of 13.09.2024 valid until 13.09.2028, to Road Laboratory at Roads AD, Pazardzhik and this order enclosed as an integral part of it.

The certificate of accreditation with the enclosure should be obtained from the manager/representativ of Roads AD, Pazardzhik, the head of Road Laboratory at Roads AD, Pazardzhik, or other authorized person in the office of EA BAS.

Upon receipt of the certificate issued and enclosure, accredited person is obliged to return to EA BAS the originals of certificate of accreditation reg. № 28 ЛИ/19.05.2023, valid until 14.09.2024 and its enclosure EA BAS order reg. № A 210/19.05.2023.

This order shall be notified to Roads AD, Pazardzhik, within 3 (three) days from its issuance.

Eng. Irena Borislavova

Executive Director of EA BAS

