REPUBLIC OF BULGARIA
Executive agency
Bulgarian accreditation service

Signatory to the EA Multilateral Agreement in this field

ORDER

№ А 328

Sofia, 30.08.2024

Pursuant to Art. 10, para. 1, items 3 and 4, Art. 28, para. 1, Art. 30, para. 1 of the Law on National Accreditation of Conformity Assessment Bodies, items 6 and 7 of the BAS QR 2 Accreditation Procedure, in connection with an open procedure reg. № 63/92 ЛИ/ПА/РО/14.03.2024, assessment reports reg. № 63/92 ЛИ/ПА/РО/6/В/24.06.2024, ref. № 63/92 ЛИ/10/В/10.07.2024 and statement of the Accreditation Commission ref. № 63/92 ЛИ/ ПА/РО/11/В/13.08.2024, I hereby

RE-ACCREDIT AND EXTEND THE SCOPE OF ACCREDITATION

of HYDROSTROY AD
ROAD CONSTRUCTION LABORATORY

Management address: 1000 Sofia, 6 Tsar Osvoboditel Blvd.
Laboratory address: 9024, Topoli, Varna Municipality, Klise Bair Area

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.	Stone material - for unbound and hydraulically bound mixtures - for asphalt mixtures, for concrete	1.1. Particle size distribution	БДС EN 933-1
		1.2. Stability in MgSO4 solution	БДС EN 1367-2
		1.3. Particle density pycnometer/ basket method -specific gravity of particles - particle density in dry state - particle density in water-saturated surface dry state	БДС EN 1097-6
		1.4. Water absorption pycnometer/ basket method	БДС EN 1097-6
		1.5. Sand equivalent	БДС EN 933-8+A1
		1.6. Form ratio	БДС EN 933-4
		1.7. Index of flat particles	БДС EN 933-3
		1.8. Breakability resistance as per "Los Angeles"	БДС EN 1097-2
		1.9. Loose bulk density	БДС EN 1097-3
		1.10. Water content	БДС EN 1097-5
		1.11. Resistance to fragmentation of coarse additives upon static load	БДС EN 206+A2/ NA Annex NA.Q
2.	Mineral flour for asphalt mixtures	2.1. Particle size distribution	БДС EN 933-1
3.	Bitumens	3.1. Penetration	БДС EN 1426
		3.2. Softening point	БДС EN 1427

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Type of the scope: *flexible**			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	**2**	**3**	**4**
		3.3. Elastic recovery	БДС EN 13398
		3.4. Fraass breaking point	БДС EN 12593
4.	Bituminous emulsion	4.1. Binder content after distillation	БДС EN 1431
		4.2. Penetration (of recovered binder)	БДС EN 1426
		4.3. Softening point (of recovered binder)	БДС EN 1427
		4.4. Efflux time	БДС EN 12846-1
5.	Asphalt mixtures	5.1. Particle size distribution after bitumen extraction	БДС EN 12697-2+A1
		5.2. Bulk density - laboratory specimens - drilling core	БДС EN 12697-6
		5.3. Maximum density – bulk procedure	БДС EN 12697-5
		5.4. Voids content - air	БДС EN 12697-8
		5.5. Stability	БДС EN 12697-34
		5.6. Conditional plasticity	БДС EN 12697-34
		5.7. Soluble binder content - by continuous flow centrifuge	БДС EN 12697-1
		5.8. Bituminous layer compaction index	БДС EN 12697-9**
		5.9. Bituminous layer thickness – destruction measurement	БДС EN 12697-36
		5.10. Irregularity of bituminous layer	БДС EN 13036-7
		5.11. Bituminous mixture temperature - with contact thermometer	БДС EN 12697-13
		5.12. Dimensions of a bituminous specimen - height - diameter	БДС EN 12697-29
6.	Construction soils/ Unbound and hydraulically bound mixtures. Road constructions	6.1. Water content	БДС EN 1097-5 БДС EN ISO 17892-1
		6.2. On-site bulk/ dry density – sand displacement method – linear method with core pipe	AASHTO T191 БДС EN ISO 17892-2
		6.3. Plasticity index	AASHTO T 90 БДС EN ISO 17892-12
		6.4. Limits of: - flow - drain/ductility	AASHTO T 89 AASHTO T 90 БДС EN ISO 17892-12
		6.5. Maximum bulk density of skeleton - shape A/100 - shape B/150	БДС 17146 БДС EN 13286-2
		6.6. Optimum water content - shape A/100 - shape B/150	БДС 17146 БДС EN 13286-2
		6.7. Compaction index	AASHTO T 191, БДС 17146
		6.8. California bearing ratio (CBR) / Immediate bearing ratio	БДС EN 13286-47
		6.9. Elastic/deformation modulus by round plate loading, Ratio of deformation moduli	БДС 15130

Type of the scope: *flexible**			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard / validated method)**
1	**2**	**3**	**4**
7.	Concrete mixture	7.1. Settling	БДС EN 12350-2
		7.2. Density	БДС EN 12350-6
8.	Hardened concrete	8.1. Compressive strength	БДС EN 12390-3
		8.2. Hardened concrete density	БДС EN 12390-7

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

To perform sampling of:

Type of the scope: *flexible*		
№	**Product**	**Sampling method (standardized/ validated)**
1	**2**	**3**
1.	Rock material	БДС EN 932-1
2.	Asphalt mixtures	БДС EN 12697-27
3.	Asphalt layer	БДС EN 12697-27
4.	Construction soils/ Unbound and hydraulically bound mixtures	БДС 17146, БДС EN 13286-1
5.	Concrete mixtures	БДС EN 12350-1
6.	Bitumen/ bitumen emulsions	БДС EN 58

***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. № 92 ЛИ of 30.08.2024 valid until 30.08.2028 and this order as an integral part of it.

The certificate of accreditation with the enclosure should be obtained from the manager of Hydrostroy AD, the head of Road construction laboratory at Hydrostroy AD, or other authorized person in the office of EA BAS.

Upon receipt of the certificate issued and enclosure, Road construction laboratory at Hydrostroy AD is obliged to return to EA BAS the originals of certificate of accreditation reg. № 92 ЛИ/14.12.2023, valid until 31.08.2024 and its enclosure EA BAS order reg. № А 510/14.12.2023.

This order shall be notified to Road construction laboratory at Hydrostroy AD within 3 (three) days from its issuance.

Eng. Irena Borislavova

Executive Director of EA BAS