REPUBLIC OF BULGARIA
Executive agency
Bulgarian accreditation service

Signatory to the EA Multilateral Agreement in this field

ORDER

№ А 234

Sofia, 15.07.2025

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. № 11/52 ЛИ/ПА/РО/29.10.2024, report reg. № 11/52 ЛИ/ПА/РО/6/В/21.03.2025 and statement of the Accreditation Commission reg. № 11/52 ЛИ/ПА/РО/15/В/20.06.2025, I hereby

RE-ACCREDIT AND EXTEND THE SCOPE OF ACCREDITATION

OF

ROAD AND CONSTRUCTION LABORATORY LTD,
ROAD AND CONSTRUCTION LABORATORY

Management address: 4000 Plovdiv, 76, Dunav Blvd.
Laboratory addresses: 4230 Asenovgrad, Severna Industrialna Zona, Asphalt Plant Patishta

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	БДС EN 933-1
		1.2.	Shape index	БДС EN 933-4
		1.3.	Overall flakiness index	БДС EN 933-3
		1.4.	Loose bulk density	БДС EN 1097-3
		1.5.	Magnesium sulfate value	БДС EN 1367-2
		1.6.	Water content	БДС EN 1097-5
		1.7.	Particle density: - apparent particle density (ρa); - oven-dried particle density (ρrd); - saturated and surface-dried particle density (ρssd);	БДС EN 1097-6, cl. 7, cl. 8 and cl. 9
		1.8.	Water absorption	БДС EN 1097-6, cl. 7, cl. 8 and cl. 9
		1.9.	Fines content	БДС EN 933-1
		1.10.	Sand equivalent	БДС EN 933-8+A1
		1.11.	- Percentage of crushed particles - Percentage of totally crushed particles, - Percentage of totally rounded particles	БДС EN 933-5

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: *flexible**				
№	**Tested products**	**Type of test/characteristic**		**Testing methods (standard/validated method)**
1	2	3		4
		1.12.	Maximum bulk density of skeleton. Optimum water content	БДС EN 13286-2, cl. 7.1, cl. 7.2, cl. 7.4, and cl. 7.5
		1.13.	California bearing ratio	БДС EN 13286-47
2.	Bituminous mixtures	2.1.	Particle size distribution	БДС EN 12697-2
		2.2.	Soluble binder content	БДС EN 12697-1, Annex B, cl. B.2.1
		2.3.	Maximum density	БДС EN 12697-5
		2.4.	Bulk density	БДС EN 12697-6
		2.5.	Air voids content	БДС EN 12697-8, cl. 4
		2.6.	Stability	БДС EN 12697-34
		2.7.	Flow	БДС EN 12697-34
		2.8.	Compaction degree	БДС EN 12697-9**
		2.9.	Thickness of a bituminous layer	БДС EN 12697-36, cl. 6.1
		2.10.	Binder drainage	БДС EN 12697-18 cl. 5
3.	Construction soils	3.1.	Particle size distribution	БДС EN 933-1
		3.2.	Liquid limit	Ordinance № РД-02-20-2 of MRDPW, Annex № 15
		3.3.	Plastic limit Plasticity index	Ordinance № РД-02-20-2 MRDPW, Annex № 16
		3.4.	Maximum bulk density of skeleton. Optimum water content	БДС 17146, cl. 3.3 – test type H100, M100, H150, M150
		3.5.	Water content	БДС 644**
		3.6.	Elastic and deformation moduli by the round plate load test: - Elastic modulus, Eavg; - Deformation moduli E1, E2; - Deformation moduli ratio E2/E1;	БДС 15130
		3.7.	Bulk density of the skeleton by the sand replacement method	Ordinance № РД-02-20-2 of MRDPW, Annex №18
4.	Hardened concrete	4.1.	Density	БДС EN 12390-7
		4.2.	Compressive strength	БДС EN 12390-3
5.	Fresh concrete	5.1.	Slump	БДС EN 12350-2
6.	Bitumens and bituminous binders	6.1.	Penetration	БДС EN 1426
		6.2.	Softening point	БДС EN 1427
		6.3.	Elastic recovery	БДС EN 13398

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

To perform sampling of:

Type of the scope: *Flexible**		
№	**Product**	**Sampling methods (standard/validated method)**
1	2	3
1.	Aggregates	БДС EN 932-1, cl. 8.3 and cl. 8.8
2.	Bituminous mixtures	БДС EN 12697-27, cl. 4.1, cl. 4.3 and cl. 4.7
3.	Fresh concrete	БДС EN 12350-1
4.	Construction soils	БДС EN 13286-1, БДС EN 932-1, cl. 8.8

***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 the laboratory.*

References:

1. Annex № 15 "Method for the determination of the liquid limit of soils" to Art. 160, item 3 of Ordinance № РД-02-20-2 of 28.08.2018 for road design of Ministry of Regional Development and Public Works /MRDPW/, promulgated in SG № 79/2018, amended in SG № 90/2018, in force from 26.10.2018;

2. Annex № 16 "Method for the determination of the plastic limit and plasticity index of soils" to Art. 160, item 3 of Ordinance № РД-02-20-2 of 28.08.2018 for road design of Ministry of Regional Development and Public Works /MRDPW/, promulgated in SG № 79 of 2018, amended in SG № 90 of 2018, in force from 26.10.2018;

3. Annex № 18 "Method for the determination of the in-situ bulk density of construction soils using sand replacement" to Art. 161, table 39 and Art 162, table 40 of Ordinance № РД-02-20-2 of 28.08.2018 for road design of Ministry of Regional Development and Public Works /MRDPW/, promulgated in SG № 79/2018, amended in SG № 90/2018, in force from 26.10.2018.

I ORDER

To issue the certificate of accreditation reg. № 52 ЛИ/15.07.2025, valid until 15.07.2029, and this order as an integral part of it.

The certificate of accreditation with the enclosure to be received by the manager/ representative of Road and Construction Laboratory Ltd, the head of Road and Construction Laboratory, at Road and Construction Laboratory Ltd or other authorized person in the office of EA BAS.

Upon receipt of the certificate and the enclosure issued, accredited person is obliged to return to EA BAS the originals of accreditation certificate № 52 ЛИ/19.01.2024, valid until 15.07.2025 and its enclosure – EA BAS order reg. № А 29/19.01.2024.

This order shall be notified to Road and Construction Laboratory Ltd, within 3 (three) days from its issuance.

EXECUTIVE AGENCY "BULGARIAN ACCREDITATION SERVICE" REPUBLIC OF BULGARIA

Eng. Irena Borislavova

Executive Director
of Executive agency Bulgarian accreditation service