ORDER

№ А 121

Sofia, 21.04.2026

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 the application for reaccreditation reg. № 09-87/P/11.08.2025, an open procedure reg. № 229/142 ЛИ/ПА/15.09.2025, report reg. № 229/142 ЛИ/4/В/10.12.2025 and statement of the Accreditation Commision reg. № 229/142 ЛИ/ПА/2/В/09.04.2026, I hereby

RE-ACCREDIT

INDEPENDENT CONSTRUCTION LABORATORY INFRASTRUCTURE LTD.
INDEPENDENT CONSTRUCTION LABORATORY

Management and laboratory address:
1619, Sofia, Vitosha Municipality, 257 Tsar Boris III Blvd.

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.	Construction soils (unbound and hydraulically bound mixtures; aggregates for unbound and hydraulically bound mixtures for use in construction equipment and road construction)	1.1 Determination of water content	БДС EN 1097–5; БДС EN ISO 17892-1
		1.2 Determination of particle size distribution	БДС EN 933-1; БДС EN ISO 17892-4, cl. 5.2 and cl. 5.3
		1.3 Determination of particle density	БДС EN ISO 17892-3, cl. 5.1
		1.4 Determination of bulk density	БДС EN ISO 17892-2, cl. 5.1 and cl. 5.2; Appendix 18 of Ordinance № РД-02-20-2
		1.5 Determination of dry density bulk density of the skeleton	БДС EN ISO 17892-2, cl. 5.1 and cl. 5.2; Appendix 18 of

Type of the scope: *flexible**			
№	**Tested products**	**Type of test/characteristic**	**Testing methods (standard/ validated method)**
1	2	3	4
			Ordinance № РД-02-20-2
		1.6 Elastic module	БДС 15130
		1.7 Deformation module	БДС 15130
		1.8 Relation of deformation modules	БДС 15130
		1.9 Determination of liquid limit	БДС EN ISO 17892-12, cl. 5.3; Appendix № 15 of Ordinance № РД-02-20-2
		1.10 Determination of plastic limit Determination of liquid limit	БДС EN ISO 17892-12; Appendix № 16 of Ordinance № РД-02-20-2
		1.11 Plasticity Index Plasticity Index	Appendix №16 of Ordinance № РД-02-20-2; БДС EN ISO 17892-12
		1.12 Consistency Index	БДС EN ISO 17892-12
		1.13 Determination of optimal water content	БДС 17146, cl. 3.3 – type of test H 100, M 100, H 150, M 150; БДС EN 13286-2, cl. 7.1, cl. 7.2, cl. 7.4, cl. 7.5, Appendix A
		1.14 Determination of normal density of the skeleton	БДС 17146, cl.3.3 – type of test H 100, H 150
		1.15 Determination of modified density of the skeleton	БДС 17146, cl.3.3 – type of test M 100, M 150
		1.16 Determination of degree of compaction	БДС 17146; Appendix № 18 of Ordinance № РД-02-20-2

Type of the scope: *flexible**			
№	**Tested products**	**Type of test/characteristic**	**Testing methods (standard/ validated method)**
1	2	3	4
		1.17 Determination of the standard density of the skeleton – Proctor compaction	БДС EN 13286-2, cl. 7.1, cl. 7.2, Appendix A
		1.18 Determination of the standard density of the skeleton – modified Proctor compaction	БДС EN 13286-2, cl. 7.4; cl. 7.5, Appendix A
		1.19 Determination of California bearing ratio (CBR)	БДС EN 13286-47
		1.20 Compression characteristics 1.20.1 Vertical deformation 1.20.2 Compression module 1.20.3 Coefficient of consolidation 1.20.4 Pore coefficient 1.20.5 Swelling pressure	БДС EN ISO 17892-5
		1.21 Friction angle: • Peak friction angle, • Residual friction angle	БДС 10188, Amendment 1;
		1.22 Cohesion: • Peak cohesion, • Residual cohesion	БДС EN ISO 17892-10, cl. 4.1
2.	Additives/Aggregates (coarse, fine / sand, fillers, unfractionated, for various applications	2.1 Determination of particle size distribution	БДС EN 933-1
		2.2 Determination of fine fraction content	БДС EN 933-1
		2.3 Determination of California bearing ratio (CBR)	БДС EN 13286-47
		2.4 Magnesium sulfate solution resistance	БДС EN 1367-2
		2.5 Determination of bulk loose density	БДС EN 1097-3
		2.6 Percentage of voids	БДС EN 1097-3;

Type of the scope: *flexible**			
№	**Tested products**	**Type of test/characteristic**	**Testing methods (standard/ validated method)**
1	2	3	4
			БДС EN 1097-6, cl. 7, cl. 8, cl. 9, Appendix B
		2.7 Determination of particle density: • Apparent particle density ρ_a, • Oven-dried particle density ρ_{rd}, • Saturated and surface-dried particle density ρ_{ssd}, • Particle density of aggregates saturated to constant mass ρ_{cm}	БДС EN 1097-6, cl. 7, cl. 8, cl. 9, Appendix B
		2.8 Determination of water absorption	БДС EN 1097-6, cl. 7, cl. 8, cl. 9, Appendix B
		2.9 Shape index	БДС EN 933-4
		2.10 Flakiness index	БДС EN 933- 3
		2.11 Determination of: • Crushed particles, • Totally crushed particles, • Totally rounded particles	БДС EN 933-5
		2.12 Determination of the length of particles	БДС EN 13450, cl. 6.7
		2.13 Determination of the water content	БДС EN 1097-5
		2.14 Resistance to fragmentation under static load	БДС EN 206+A2/NA (Appendix NA.Q)
		2.15 Determination of resistance to fragmentation - LA coefficient	БДС EN 1097-2
		2.16 Percentage of shells	БДС EN 933-7
		2.17 Sand equivalent	БДС EN 933-8+A1

Type of the scope: *flexible**			
№	**Tested products**	**Type of test/characteristic**	**Testing methods (standard/ validated method)**
1	2	3	4
		2.18 Determination of the particle density of filler	БДС EN 1097-7
		2.19 Determination of the voids of dry compacted filler	БДС EN 1097- 4
		2.20 Determination of liquid limit	Appendix № 15 of Ordinance № РД-02-20-2
		2.21 Determination of plastic limit	Appendix № 16 of Ordinance № РД-02-20-2
		2.22 Plasticity index	Appendix № 16 of Ordinance № РД-02-20-2
		2.23 Determination of the standard density of the skeleton – modified Proctor compaction	БДС EN 13286-2, cl. 7.4, cl. 7.5, Appendix A
		2.24 Determination of optimal water content	БДС EN 13286-2, cl. 7.4, cl. 7.5, Appendix A
3.	Natural stone and rock aggregates	3.1 Determination of particle bulk density	БДС EN 13383-2, cl. 8
		3.2 Determination of water absorption	БДС EN 13383-2, cl. 8
		3.3 Determination of dry compressive strength	БДС EN 1926
		3.4 Determination of water-soaked compressive strength (for 48±4) h	БДС EN 1926, Appendix A
4.	Bituminous mixtures	4.1 Determination of bulk density of bituminous specimens	БДС EN 12697-6, Procedures A and B
		4.2 Determination of the maximum density	БДС EN 12697-5, Procedure A
		4.3 Residual voids V_m	БДС EN 12697-8, cl. 4
		4.4 Soluble binder content	БДС EN 12697- 1, Appendix B, cl. B.2.1

Type of the scope: *flexible**			
№	**Tested products**	**Type of test/characteristic**	**Testing methods (standard/ validated method)**
1	2	3	4
		4.5 Determination of particle size distribution	БДС EN 12697-2
		4.6 Determination of stability by Marshall test	БДС EN 12697-34
		4.7 Determination of the flow by Marshall test	БДС EN 12697-34
5.	Bitumens	5.1 Penetration	БДС EN 1426
		5.2 Elastic recovery	БДС EN 13398
		5.3 Softening point	БДС EN 1427
6.	Concrete mixtures (1) Concrete (2)	6.1 Slump test	БДС EN 12350-2 (1)
		6.2 Shape and dimensions of specimens	БДС EN 12390-1 (2)
		6.3 Compressive strength	БДС EN 12390-3 (2)
		6.4 Flexural strength	БДС EN 12390-5 (2)
		6.5 Tensile spliting strength	БДС EN 12390-6 (2)
		6.6 Watertightness 6.6.1 Water penetration depth	БДС EN 206+A2/NA (2) (Appendix NA.N)
		6.7 Frost resistance: • Relative mass loss, • Relative strength loss	БДС EN 206+A2/NA (2) (Appendix NA.O, Part NA.O.1 main method)
		6.8 Density of hardened concrete	БДС EN 12390 -7 (2)
7.	Building structures (1), laid and compacted bituminous layers (2), waterproofing systems (3)	7.1 Geometry of drill cores: • diameter – d, • height, • flatness, • straightness	БДС EN 12504-1 (1); БДС EN 12390-1 (1)
		7.2 Compressive strength of concrete from cut test specimens (cores) of prefabricated structures	БДС EN 12390-3 (1); БДС EN 12504-1 (1)

Type of the scope: *flexible**			
№	**Tested products**	**Type of test/characteristic**	**Testing methods (standard/ validated method)**
1	2	3	4
		7.3 Adhesion strength	ASTM D 7234 (3)
		7.4 Determination of degree of compaction	БДС EN 12697- 9** (2)
		7.5 Determination of bulk density of bituminous specimens (core)	БДС EN 12697-6 (2), Procedures A and B
		7.6 Determination of the reference density	БДС EN 12697-9** (2)
		7.7 Determination of the thickness of bituminous pavement	БДС EN 12697-36, cl. 6.1 (2)
		7.8 Benkelman beam deflection method	БДС 15131 (2)

To perform sampling of:

Type of the scope: *flexible**		
№	**Product**	**Testing methods (standard/ validated method)**
1	2	3
1.	Construction soils (unbound and hydraulically bound mixtures; aggregates for unbound and hydraulically bound materials to be used in civil engineering work and road construction)	БДС EN 13286-1
2.	Additives/Aggregates (coarse, fine / sand, fillers, unfractionated, for various applications	БДС EN 932-1, cl. 8.8, Appendix A.2
3.	Bituminous mixtures	БДС EN 12697-27, cl. 4.1, cl. 4.3, cl. 4.7
4.	Concrete mixtures, concrete	БДС EN 12350-1
5.	Building structures (1), laid and compacted bituminous layers (2)	БДС EN 12504-1, cl. 6 (1); БДС EN 12697-27, cl. 4.7 (2)

Flexible scope: **The introduction of a new version of the standards/documents or standards/documents that superseded them shall be permited. The laboratory maintains an updated list of standards/documents with their dated versions.*

*** Repealed standard but not superseded in terms of test metod.*

Reference:
Ordinance № РД-02-20-2 of 28.08.2018 г. on road design of the Ministy of regional Development and Public Works (prom. SG № 79 of 2018, Amd. SG № 90 of 2018, effective as of 26.10.2018); Appendix № 15, Appendix № 16, Appendix № 18.

I ORDER

To issue the certificate of accreditation reg. № 142 ЛИ/21.04.2026, valid until 20.04.2030 and this order as an integral part of it.

The certificate of accreditation with the enclosure to be received by the manager/ representative of Independent Construction Laboratory Infrastructure Ltd, the head of the Independent 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 № 142 ЛИ/16.10.2024, valid until 20.04.2026 and an enclosure, EA BAS order reg. № А 372/16.10.2024 as an integral part of it.

This order shall be notified to the Independent Construction Laboratory Infrastructure Ltd. within 3 (three) days from its issuance.

Eng. Mariya Ilieva - Yordanova

Executive Director
of Executive agency Bulgarian accreditation service