



ORDER

№ A 156

Sofia, 26.04.2024

Pursuant to Art. 10, para. 1, item 4, and 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. № 480/7 ЛИ/ПА/12.09.2023, report reg. № 480/7 ЛИ/ПА/7/В/19.12.2023 and statement of the Accreditation Commission with per. № 480/7 ЛИ/ПА/2/В/05.04.2024, I hereby

RE-ACCREDIT

**NJN LTD
LABORATORY COMPLEX**

Management address: 6300 Haskovo, 43 Svetlina Str.
Laboratory address: 6300 Haskovo, Kamenets, 3 Planiski Izgled Str.

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.	Concrete mixture	1.1. Slump	БДС EN 12350-2
		1.2. Density	БДС EN 12350-6
		1.3. Air content	БДС EN 12350-7, cl. 6
		1.4. Slump-flow test	БДС EN 12350-8
2.	Hardened concrete	2.1. Compressive strength	БДС EN 12390-3
		2.2. Flexural strength	БДС EN 12390-5
		2.3. Density	БДС EN 12390-7
		2.4. Depth of penetration of water under pressure	БДС EN 12390-8
		2.5. Waterproofness	БДС EN 206/ NA, App. NA. N

Type of the scope: <i>flexible</i>			
№	Tested Products	Type of Test/Characteristic	Testing methods (standard / validated method)
1	2	3	4
		2.6. Frost resistance by direct freezing and thawing: • Weight loss; • Compressive strength loss	БДС EN 206/ NA, App. NA. O.1
		2.7. Frost resistance. Accelerated method: • Weight loss; • Decrease in the speed of an ultrasonic pulse;	БДС EN 206/ NA, App. NA. O.2 БДС EN 12504-4
3.	Supplementary materials for (1): concrete; solutions;	3.1 Particle size distribution;	БДС EN 933-1 (1, 2, 3, 4, 5)
		3.2. Content of fine fraction;	БДС EN 933-1 (1, 2, 3, 4, 5)
		3.3. Flakiness index;	БДС EN 933-3 (1, 2, 3, 4)
	Rock materials for (2): - bituminous mixtures and pavements for roads, airfields and other transport areas; - unbound and hydraulically bound mixtures for use in construction equipment and in road construction.	3.4. Shape index;	БДС EN 933-4 (1, 2, 3, 4)
		3.5. Percentage content of: • crushed or broken particles • completely crushed or broken particles • rounded particles • completely rounded particles;	БДС EN 933-5/A1 (1, 2, 3, 4)
		3.6. Shell content;	БДС EN 933-7 (1, 2, 3, 4)
		3.7. Sand equivalent;	БДС EN 933-8+A1 (1, 2, 3, 4, 5)
	Crushed stone for railway lines; (3)	3.8. Grading content of fine fillers;	БДС EN 933-10(5)
		3.9. Constituents of coarse recycled rock materials;	БДС EN 933-11 (1, 2, 3, 4)
	Crushed stone for mosaic and plaster; (4)	3.10. Resistance to wear (micro-Deval);	БДС EN 1097-1 (1, 2, 4) БДС EN 1097-1 App., A(3)
		3.11. Resistance to fragmentation by the Los Angeles method;	БДС EN 1097-2, cl. 5 (1 2 4); БДС EN 1097-2 App., A (3)
	Fine fillers for concrete, solutions and bituminous mixtures (5)	3.12. Fragmentation under static load;	БДС EN 206 /NA, App. NA.Q (1, 2, 4)
		3.13. Sand fineness module;	БДС EN 12620+A1, App. B (1, 2, 5)
		3.14. Loose bulk density;	БДС EN 1097-3 (1, 2, 3, 4, 5)
		3.15. Percentage of voids;	БДС EN 1097-3 (1, 2, 3, 4, 5)

Type of the scope: <i>flexible</i>			
№	Tested Products	Type of Test/Characteristic	Testing methods (standard / validated method)
1	2	3	4
		3.16. Water content;	БДС EN 1097-5 (1, 2, 3, 4, 5)
		3.17. Particle density • Specific particle density; • Volume particle density in dry state • Specific particle density (water-saturated and surface-dry)	БДС EN 1097-6 (1, 2, 3, 4, 5)
		3.18. Water absorption;	БДС EN 1097-6 (1, 2, 3, 4, 5)
		3.19. Resistance to freezing and thawing;	БДС EN 1367-1 (1, 2, 3, 4) БДС EN 13450, App. F (3)
		3.20. Weather resistance of rock materials: • magnesium sulphate value;	БДС EN 1367-2 (1, 2, 3, 4) БДС EN 13450, App. G (3)

To perform sampling of:

Type of the scope: <i>flexible</i>		
№	Products	Sampling method (standardized/validated)
1	2	3
1.	Concrete mixture	БДС EN 12350-1
2.	Supplementary materials for: concrete; solutions. Rock materials for: - bituminous mixtures and pavements for roads, airfields and other transport areas; - unbound and hydraulically bound mixtures for use in construction equipment and in road construction; Crushed stone for railway lines; Crushed stone for mosaic and plaster; Fine fillers for: concrete, solutions and bituminous mixtures.	БДС EN 932-1

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 the laboratory.*

I ORDER

To issue the certificate of accreditation reg. № 7 ЛИ/26.04.2024, valid until 26.04.2028 and this order as an integral part of it.

The certificate of accreditation with the enclosure to be received by the Manager/ representative of NJN Ltd, the head of the Laboratory Complex at NJN Ltd, 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 № 7 ЛИ/12.04.2023, valid until 30.04.2024 and its enclosure – EA BAS order reg. № A 172/12.04.2023.

This order shall be notified to the NJN Ltd, within 3 (three) days from its issuance.

Eng. Irena Borislavova

Executive Director of EA BAS