Republic of Bulgaria
Executive Agency
Bulgarian Accreditation Service

Signatory to the EA Multilateral Agreement in this fied

ORDER

№ A 147
Sofia, 28.02.2022

Pursuant to Art. 10, para. 1, item 4, Art. 27, para. 3 of the Law on National Accreditation of Conformity Assessment Bodies, and item 6 of the BAS QR 2 Accreditation Procedure in connection with open procedure reg. № 355 /8 ЛИ/ПА/13.08.2021, assessment report reg. № 355/8 ЛИ/ПА/4/В/08.11.2021, declaration reg. № 355 /8 ЛИ/ПА/3/Р/08.11.2021, annex reg. № 355/8 ЛИ/ПА/9/30.12.2021 and Statement of the Accreditation Commission reg. № 355/8 ЛИ/ПА/11/В/02.02.2022, I hereby

RE-ACCREDIT

BULGARIAN CONCRETE ELEMENTS JSC
CONSTRUCTION LABORATORY

Management address and laboratory address
5250 Svishtov, 7 Otets Paisiy Str.

To perform testing of:

Type of the scope: *flexible*			
№	**Tested products**	**Type of testing/characteristic**	**Test methods (standart /validated)**
1	**2**	**3**	**4**
1.	Cement	1.1. Standard consistence	БДС EN 196-3 item 5
		1.2. Initial setting time	БДС EN 196-3 item 6
		1.3. Soundness	БДС EN 196-3 item 7
2.	Aggregates for reinforced concrete -sand (1) -gravel, crushed stone (2)	2.1. Particle size distribution	БДС EN 933-1 (1,2)
		2.2. Loose bulk density and voids	БДС EN 1097-3 (1,2)
		2.3. Particle density and water absorption	БДС EN 1097-6 item 8 (2), item 9 (1)
		2.4. Water content	БДС EN 1097-5 (1,2)
		2.5. Resistance to fragmentation of coarse aggregate upon static loading	БДС EN 206+A1/NA (Annex NA.Q)

1797 Sofia, Dr. G.M. Dimitrov Blvd. 52 A, floor 7
Tel. 02 976 6401, Fax: 02 976 6415
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Type of the scope: *flexible*			
№	**Tested products**	**Type of testing/characteristic**	**Test methods (standart /validated)**
1	**2**	**3**	**4**
3.	Concrete mixtures	3.1. Consistence 3.1.1. Slump test	БДС EN 12350-2
		3.1.2 Vebe vibration time	БДС EN 12350-3
4.	Reinforced concrete	4.1. Compressive strength	БДС EN 12390-3
		4.2. Freeze-thaw resistance	БДС EN 206+A1/NA, (Appendix NA.O, part NA.O.I-main method)
		4.3. Flexural strength	БДС EN 12390-5
5.	Prestressed monoblock reinforced concrete sleepers for normal railway lines	5.1. Static testing within the underrail base section 5.1.1. Loading resulting in occurrence of the first crack 5.1.2. Loading resulting in permanent crack after unloading with width >0,05mm 5.1.3. Loading resulting in failure	БДС EN 13230-2, item 4.3.2.1
		5.2 Static testing within the middle section 5.2.1. Loading resulting in occurrence of the first crack 5.2.2. Loading resulting in failure	БДС EN 13230-2, item 4.3.2.2
6.	Reinforced concrete for posts - for low-voltage electric grids and power transmission lines 20kV (1) - prestressed centrifugal for electrification of railway lines (2)	6.1. Measured deviation upon peak forces	БДС EN 12843 item 5.5.2 (1,2)
		6.2. Measured deviation upon operational peak force	БДС EN 12843 item 5.5.2 (1,2)
		6.3. Measured deviation after unloading	БДС EN 12843 item 5.5.2 (1,2)
		6.4. Peak force upon which the crack occurs	БДС EN 12843 item 5.5.2 (2)
		6.5. Residual deformation	БДС EN 12843 item 5.5.2 (1,2)
		6.6. Width of the crack upon reaching peak force	БДС EN 12843 item 5.5.2 (1)
		6.7. Peak force of failure	БДС EN 12843 item 5.5.3 (1,2)
		6.8. Torsion force causing failure	БДС EN 12843 item 5.5.4 (1,2)
7.	Twin-block sleepers and reinforced concrete blocks for twin-block sleepers for railway lines	Static testing 7.1. Loading resulting in occurrence of the first crack 7.2. Loading resulting in permanent crack after unloading with width >0,05mm 7.3. Load of failure	БДС EN 13230-3, item 4.2.2

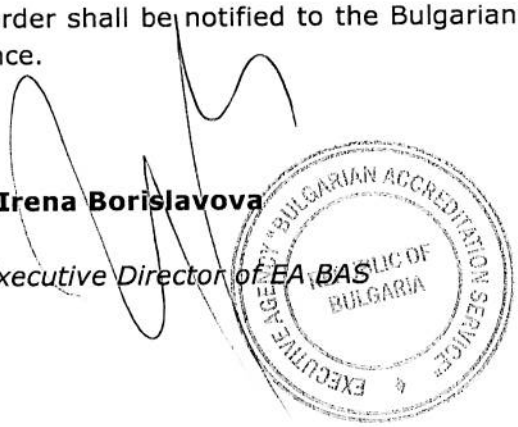
Flexible scope: *Implementing a new version of standards/documents or standards/documents replacing them is allowed. An updated list of standards/documents and their dated versions is provided by CAB.*

I ORDER

To issue the Certificate of accreditation reg. № 8 ЛИ/28.02.2022, valid until 28.02.2026 and this order as an integral part of it.
The Certificate of accreditation with the enclosure should be obtained from the manager / representative of the Bulgarian Concrete Elements Jsc., head of the Construction Laboratory at Bulgarian Concrete Elements Jsc., or other authorized person in the office of EA BAS.

Upon receipt of the certificate issued and enclosure, the accredited CAB is obliged to return to EA BAS the originals of the certificate of accreditation with reg. № 8 ЛИ/15.07.2021, valid until 28.02.2022 and its enclosure EA BAS order № A 407/15.07.2021 as an integral part of it.

This order shall be notified to the Bulgarian Concrete Elements Jsc. within 3(three) days from its issuance.



Eng. Irena Borislavova

Executive Director of EA BAS