Republic of Bulgaria
Executive Agency
Bulgarian Accreditation Service

Signatory to the EA Multilateral Agreement in this fied

ORDER

№ A 686

Sofia, 05.12.2022

Pursuant to Art. 10, para. 1, item 2a of the Law on National Accreditation of Conformity Assessment Bodies, in connection with item 5.3.1 of the BAS QR 2 Accreditation Procedure, report BAS QF 2.9.5.5 reg. № 13/29 ЛИ/21/B/24.10.2022 and EA BAS order reg. № A 685/05.12.2022, I hereby

AMEND

EA BAS order № 491/09.08.2022, an enclosure of accreditation certificate, reg. № 29 ЛИ/09.08.2022, valid until 31.10.2023, as follows:

Road construction laboratory
at Road Company EAD

Management address: 1606 Sofia, 9, Lyulin Planina Str.
Laboratory address: 2140 Botevgrad, 44, Tsar Ivan Shishman Str.

I. STATIONARY OFFICE

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.	Coarse aggregate for concrete	1.1. Resistance to fragmentation - Los Angeles Index	БДС EN 1097-2
		1.2. Particle size distribution	БДС EN 933-1
		1.3. Content of fine fraction	БДС EN 933-1
		1.4. Resistance to fragmentation	БДС EN 206/NA Annex NA.Q
		1.5. Shape index	БДС EN 933-4
		1.6. Loose bulk density	БДС EN 1097-3
		1.7. Percentage of voids	БДС EN 1097-3
		1.8. Resistance to freezing and thawing	БДС EN 1367-1

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Type of the scope: *flexible**			
№	**Tested Products**	**Type of Test/Characteristic**	**Testing methods (standard / validated method)**
1	**2**	**3**	**4**
		1.9. Magnesium sulfate value (loss of mass in the Magnesium sulfate test - resistance to freezing and thawing)	БДС EN 1367-2
		1.10. Particle density: - apparent particle density - dry particle density - water-saturated surface-dry particle density - apparent density of pre-dried particles;	БДС EN 1097-6
		1.11. Water absorption.	БДС EN 1097-6
		1.12. Water content	БДС EN 1097-5
		1.13. Flakiness index	БДС EN 933-3
		1.14. Resistance to wear (micro-Deval)	БДС EN 1097-1
2.	Sand/fine aggregate/ for concrete	2.1. Particle size distribution	БДС EN 933-1
		2.2. Content of fine fraction	БДС EN 933-1
		2.3. Particle density: - apparent particle density - dry particle density - water-saturated-surface dry particle density - -surface dry particle density	БДС EN 1097-6
		2.4. Water absorption	БДС EN 1097-6
		2.5. Water content	БДС EN 1097-5
		2.6. Sand equivalent	БДС EN 933-8+A1
		2.7. Loose bulk density	БДС EN 1097-3
		2.8. Percentage of voids	БДС EN 1097-3
		2.9. Assessment of fines - Methylene blue test	БДС EN 933-9
3.	Fresh concrete	3.1. Slump-test	БДС EN 12350-2
		3.2. Density	БДС EN 12350-6
		3.3. Temperature	БДС EN 1206/NA, item 5.2.9
4.	Hardened concrete	4.1. Compressive strength	БДС EN 12390-3
		4.2. Resistance to direct freezing and thawing -loss of mass; -loss of compressive strength	БДС EN 206/NA Annex NA.0 item NA.O.1
		4.3. Density	БДС EN 12390-7
		4.4. Rebound number	БДС EN 12504-2

Type of the scope: *flexible**			
№	**Tested Products**	**Type of Test/Characteristic**	**Testing methods (standard / validated method)**
1	**2**	**3**	**4**
		4.5. Frost resistance: accelerated method through freeze-thaw in a sodium chloride solution - relative loss of mass	БДС EN 206/NA Annex NA.0 item NA.O.2;
		4.6. Frost resistance: accelerated method through freeze-thaw in a sodium chloride solution - decrease of the ultrasound pulse velocity	БДС EN 206/NA Annex NA.0 item NA.O.2; БДС EN 12504-4
		4.7 Compressive strength of core	БДС EN 12504-1 БДС EN 12390-3
5.	Coarse aggregates for bitumen mixes and pavements of road, airstrip and other traffic areas	5.1. Resistance to fragmentation - Los Angeles Index	БДС EN 1097-2
		5.2. Shape index	БДС EN 933-4
		5.3. Resistance to fragmentation	БДС EN 206/NA Annex NA.Q
		5.4. Resistance to freezing and thawing	БДС EN 1367-1
		5.5. Magnesium sulfate value (loss of mass in the Magnesium sulfate test - resistance to freezing and thawing)	БДС EN 1367-2
		5.6. Particle size distribution	БДС EN 933-1
		5.7. Content of fine fraction	БДС EN 933-1
		5.8. Determination of percentage of particles with: -crushed and broken surfaces -rounded surfaces -fully crushed and broken surfaces -fully rounded surfaces	БДС EN 933-5/A1
		5.9. Particle density: - apparent particle density - dry particle density - particle density water-saturated - surface dry particle density	БДС EN 1097-6
		5.10. Water absorption	БДС EN 1097-6
		5.11. Resistance to wear (micro-Deval)	БДС EN 1097-1
		5.12. Affinity between aggregate and bitumen	БДС 11685
		5.13. Loose bulk density	БДС EN 1097-3
		5.14. Percentage of voids	БДС EN 1097-3
		5.15. Affinity between aggregate and bitumen - boiling water stripping test method	БДС EN 12697-11

Type of the scope: *flexible**			
№	**Tested Products**	**Type of Test/Characteristic**	**Testing methods (standard / validated method)**
1	**2**	**3**	**4**
		5.16. Flakiness index	БДС EN 933-3
6.	Fine aggregate for bitumen mixes and pavements of road, airstrip and other traffic areas	6.1. Sand equivalent	БДС EN 933-8+A1
		6.2. Particle size distribution.	БДС EN 933-1
		6.3. Content of fine fraction	БДС EN 933-1
		6.4. Particle density: - apparent particle density - dry particle density - water-saturated - surface dry particle density	БДС EN 1097-6
		6.5. Water absorption	БДС EN 1097-6
		6.6. Assessment of fines - Methylene blue test	БДС EN 933-9
		6.7. Loose bulk density	БДС EN 1097-3
		6.8. Percentage of voids	БДС EN 1097-3
		6.9. Magnesium sulfate value (loss of mass in the Magnesium sulfate test -resistance to freezing and thawing)	БДС EN 1367-2
7.	Mineral flour for asphalt additives	7.1. Assessment of fines - Methylene blue test	БДС EN 933-9
		7.2. Particle size distribution	БДС EN 933-1
		7.3. Water content	БДС EN 1097-5
		7.4. Fine filler particle density	БДС EN 1097-7
8.	Viscous bitumen for road pavements	8.1. Penetration.	БДС EN 1426
		8.2. Softening point - Ring and Ball method	БДС EN 1427
		8.3. Solubility	БДС EN 12592
		8.4. Fraass breaking point	БДС EN 12593
		8.5. Flash point	БДС EN ISO 2592
		8.6. Resistance to hardening at 163°C: change of mass	БДС EN 12607-1
		8.7. Resistance to hardening at 163°C: retained penetration	БДС EN 12607-1; БДС EN 1426
		8.8. Resistance to hardening at 163°C: change of softening point	БДС EN 12607-1; БДС EN 1427
		8.9. Density	БДС EN 15326+A1
		8.10. Bitumen penetration, recovery from bituminous mixtures	БДС EN 12697-3+A1; БДС EN 1426
		8.11. Temperature of softening of bitumen, recovered from bituminous mixtures	БДС EN 12697-3+A1; БДС EN 1427

Type of the scope: *flexible**			
№	**Tested Products**	**Type of Test/Characteristic**	**Testing methods (standard / validated method)**
1	**2**	**3**	**4**
		8.12. Elastic recovery of bitumen, recovered from bituminous mixtures	БДС EN 12697-3+A1; БДС EN 13398
9.	Asphalt paste for road-pavement joint sealing	9.1. Penetration	БДС 4551
		9.2. Ductility	БДС 4551
		9.3. Softening point.	БДС 4551
		9.4. Resistance to freezing and thawing at minus 10°C.	БДС 4551
		9.5. Thermal resistance index.	БДС 4551
		9.6. Bitumen content	БДС 4551
10.	Polymer modified bitumen	10.1. Penetration	БДС EN 1426
		10.2. Softening point - Ring and Ball method.	БДС EN 1427
		10.3. Elastic recovery	БДС EN 13398
		10.4. Storage stability. Penetration difference between the upper and lower layer	БДС EN 13399; БДС EN 1426
		10.5. Storage stability. Softening point difference between the upper and lower layer	БДС EN 13399; БДС EN 1427
		10.6. Fraass breaking point	БДС EN 12593
		10.7. Resistance to hardening at 163°C: change of mass	БДС EN 12607-1
		10.8. Resistance to hardening at 163°C: retained penetration	БДС EN 12607-1; БДС EN 1426
		10.9. Resistance to hardening at 163°C: change of softening point	БДС EN 12607-1; БДС EN 1427
		10.10. Elastic recovery of the residue after loss of mass	БДС EN 12607-1; БДС EN 13398
		10.11. Flash point	БДС EN ISO 2592
		10.12. Density	БДС EN 15326+A1
		10.13. Deformation energy, according to the forced ductility method	БДС EN 13589
		10.14. Bitumen penetration, recovery from bituminous mixtures	БДС EN 12697-3+A1; БДС EN 1426
		10.15. Temperature of softening of bitumen, recovered from bituminous mixtures	БДС EN 12697-3+A1; БДС EN 1427
		10.16. Elastic recovery of bitumen, recovered from bituminous mixtures	БДС EN 12697-3+A1; БДС EN 13398

Type of the scope: *flexible**			
№	**Tested Products**	**Type of Test/Characteristic**	**Testing methods (standard / validated method)**
1	**2**	**3**	**4**
11.	Construction soils	11.1. Resistance to fragmentation- Los Angeles Index	БДС EN 1097-2
		11.2. Magnesium sulfate value (loss of mass in the Magnesium sulfate test - resistance to freezing and thawing)	БДС EN 1367-2
		11.3. Elasticity modulus in round-plate loading.	БДС 15130
		11.4. Deformation modulus in round-plate loading	БДС 15130
		11.5. E2/E1 deformation modulus ratio in round-plate loading	БДС 15130
		11.6. Maximum bulk density of the frame	БДС EN 13286-2 БДС 17146
		11.7. In-situ soil density according to the sand replacement method	AASHTO T 191
		11.8. Sand equivalent	БДС EN 933-8+A1
		11.9. Resistance to fragmentation	БДС EN 206/NA Annex NA.Q
		11.10. Particle size distribution	БДС EN 933-1
		11.11. Loose bulk density	БДС EN 1097-3
		11.12. Percentage of voids	БДС EN 1097-3
		11.13. Content of fine fraction	БДС EN 933-1
		11.14. Shape index	БДС EN 933-4
		11.15. Flakiness index	БДС EN 933-3
		11.16. Resistance to wear (micro-Deval)	БДС EN 1097-1
		11.17. Optimum water content	БДС EN 13286-2 БДС 17146
		11.18. California bearing ratio – CBR	БДС EN 13286-47
		11.19. Water permeability ratio	БДС EN ISO 17892-11
		11.20. Compaction level	AASHTO T191
		11.21. Determination of percentage of particles with: -crushed and broken surfaces -rounded surfaces -fully crushed and broken surfaces -fully rounded surfaces	БДС EN 933-5/A1

Type of the scope: *flexible**			
№	**Tested Products**	**Type of Test/Characteristic**	**Testing methods (standard / validated method)**
1	**2**	**3**	**4**
		11.22. Particle density: - apparent particle density - dry particle density - water-saturated particle density -surface dry particle density	БДС EN 1097-6
		11.23. Water absorption	БДС EN 1097-6
		11.24. Yield strength	Ordinance № РД-02-20-2 issued by the Ministry of Regional Development and Public Works /MRDPW/. Annex № 15
		11.25. Plastic limit	Ordinance № РД-02-20- 2 issued by the MRDPW. Annex № 16
		11.26. Plasticity indicator	Ordinance № РД-02-20- 2 issued by the MRDPW. Annex № 16
		11.27. California bearing ratio (CBR) of the soil	Ordinance № РД-02-20- 2 issued by the MRDPW. Annex № 17
		11.28. Compressive strength	БДС EN 13286-41
		11.29. Water content	БДС EN ISO 17892-1
		11.30. Particle density	БДС EN ISO 17892-3
		11.31. Inequigranularity index	БДС EN 13242+A1/NA ND SEN ISO 14688-2
		11.32. Yield strength	БДС EN ISO 17892-12
		11.33. Plastic limit	БДС EN ISO 17892-12
		11.34. Plasticity indicator	БДС EN ISO 17892-12
		11.35. Particle size distribution	БДС EN ISO 17892-4
		11.36. Bulk density – linear method with core pipe (wet state) Dry state density – linear method with a core pipe	БДС EN 17892-2
		11.37. Bulk density through substitute sand (wet state) Bulk density of the frame through substitute sand	Ordinance № РД-02-20- 2 issued by the MRDPW. Annex № 18
		11.38. Degree of compaction	Ordinance № РД-02-20- 2 issued by the MRDPW. Annex № 18 БДС EN 17146
		11.39. Water permeability ratio of sand (fine rock aggregate)	БДС 8497
12.	Bitumen emulsion	12.1. Appearance	БДС EN 1425

Type of the scope: *flexible**			
№	**Tested Products**	**Type of Test/Characteristic**	**Testing methods (standard / validated method)**
1	**2**	**3**	**4**
		12.2. Particle polarity	БДС EN 1430
		12.3. Binder residue after distillation	БДС EN 1431
		12.4. Efflux time /viscosity/	БДС EN 12846-1
		12.5. Residue on 0,5 mm sieve	БДС EN 1429
		12.6. Storage stability	БДС EN 1429
		12.7. Adhesity with limestone material	БДС EN 13614
		12.8. pH	БДС EN 12850
		12.9. Penetration of the reconstructed and stabilized binder	БДС EN 13074-1; БДС EN 13074-2; БДС EN 1426
		12.10. Point of softening of the reconstructed and stabilized binder - ring and ball method	БДС EN 13074-1; БДС EN 13074-2; БДС EN 1427
		12.11. Elastic reconstruction of the reconstructed and stabilized binder	БДС EN 13074-1; БДС EN 13074-2; БДС EN 13398
		12.12. Mixing stability with cement	БДС EN 12848
13.	Concrete chutes for road embankment draining	13.1. Geometrical characteristics.	БДС 11483
14.	Bituminous mixtures	14.1. Particle size distribution	БДС EN 12697-2+A1
		14.2. Soluble binder content	БДС EN 12697-1
		14.3. Maximum density	БДС EN 12697-5
		14.4. Void characteristics	БДС EN 12697-8
		14.5. Water sensitivity of bituminous specimens - indirect tensile strength	БДС EN 12697-12
		14.6. Bulk density of bituminous specimens	БДС EN 12697-6
		14.7. Dimensions of a bituminous specimen - height; - diameter;	БДС EN 12697-29
		14.8. Binder drainage - glass-vessel method	БДС EN 12697-18
		14.9. Marshal stability (test)	БДС EN 12697-34
		14.10. Marshall flow (relative ductility)	БДС EN 12697-34
		14.11. Indirect tensile strength	БДС EN 12697-23
		14.12. Voids characteristics in the mineral rock material	БДС EN 12697-8

Type of the scope: *flexible**			
№	**Tested Products**	**Type of Test/Characteristic**	**Testing methods (standard / validated method)**
1	**2**	**3**	**4**
		14.13. Voids filled with binder	БДС EN 12697-8
		14.14. Temperature	БДС EN 12697-13
15.	Compacted bituminous layers	15.1. Thickness of a bituminous pavement	БДС EN 12697-36
		15.2. Level of compaction	БДС EN 12697-9
		15.3. Irregularity of pavement courses	БДС EN 13036-7
		15.4. Bulk density of bituminous specimens - starting bulk density (core) - relative comparative density	БДС EN 12697-9 БДС EN 12697-6
16.	Cut-back and fluxed bituminous binders	16.1. Efflux time /viscosity/	БДС EN 12846-2
		16.2. Solubility	БДС EN 12592
		16.3. Distillation characteristics: - general cut at 360°C - % of the general cut, distillation fraction at 225°C - % of the general cut, distillation fraction at 260°C - % of the general cut, distillation fraction at 315°C	БДС EN 13358
		16.4. Penetration of the reconstructed and stabilized binder	БДС EN 13074-1; БДС EN 13074-2; БДС EN 1426
		16.5. Point of softening of the reconstructed and stabilized binder	БДС EN 13074-1; БДС EN 13074-2; БДС EN 1427
		16.6. Flash point	БДС EN ISO 2592
		16.7. Density	БДС EN 15326+A1
17.	Waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles	17.1. Bond strength	БДС EN 13596
		17.2 Tensile strength	TRDTCWRCB Annex 1
18.	Crushed stone for railway lines	18.1. Particle size distribution	БДС EN 933-1
		18.2. Content of fine fraction	БДС EN 933-1
		18.3 Flakiness index	БДС EN 933-3
		18.4. Shape index	БДС EN 933-4
		18.5. Resistance to wear (micro-Deval)	БДС EN 1097-1

Type of the scope: *flexible**			
№	**Tested Products**	**Type of Test/Characteristic**	**Testing methods (standard / validated method)**
1	**2**	**3**	**4**
		18.6. Resistance to fragmentation - Los Angeles Index	БДС EN 1097-2
		18.7. Particle density of coarse aggregate, saturated to permanent mass	БДС EN 1097-6, Annex B
		18.8. Water absorption of coarse aggregate, saturated to permanent mass	БДС EN 1097-6, Annex B
		18.9. Resistance to freezing and thawing	БДС EN 1367-1; БДС EN 13450+AC, Annex F
		18.10 Loss of strength after determination of the resistance to freezing and thawing	БДС EN 1367-1, Annex B
		18.11. Magnesium sulfate value (loss of mass in the Magnesium sulfate test - resistance to freezing and thawing)	БДС EN 1367-2; БДС EN 13450, Annex G
		18.12. Signs of Sonnenbrand	БДС EN 1367-3
		18.13. Percentage loss in mass of basalt aggregate after boiling	БДС EN 1367-3
		18.14. Loss of strength in mass of basalt aggregate after boiling	БДС EN 1367-3
		18.15. Particle length	БДС EN 13450+AC
		18.16. Particle density: - apparent particle density - dry particle density - water-saturated-surface dry particle density	БДС EN 1097-6, item 7

To perform sampling of:

Type of the scope: *flexible**		
№	**Product**	**Sampling methods (standard/validated method)**
1	**2**	**3**
1.	Coarse aggregate for concrete; Sand /fine aggregate/ for concrete; Coarse aggregates for bitumen mixes and pavements of road, airstrip and other traffic areas; Fine aggregate for bitumen mixes and pavements of road, airstrip and other traffic areas; Mineral flour for asphalt additives; Construction soils and Crushed stone for railway lines.	БДС EN 932-1

Type of the scope: *flexible**		
№	**Product**	**Sampling methods (standard/validated method)**
1	**2**	**3**
2.	Viscous bitumen for road pavements, polymer modified bitumen, bitumen emulsion; Cut-back and fluxed bituminous binders.	БДС EN 58
3.	Bituminous mixtures and Compacted bituminous layers.	БДС EN 12697-27
4.	Fresh concrete.	БДС EN 12350-1
5.	Cured concrete	БДС EN 12604-1

II. MOBILE OFFICE

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.	Concrete additives	1.1. Particle size distribution	БДС EN 933-1
		1.2. Content of fine fraction	БДС EN 933-1
		1.3. Water content	БДС EN 1097-5
		1.4 Flakiness index	БДС EN 933-3
		1.5. Shape index	БДС EN 933-4
		1.6. Sand equivalent	БДС EN 933-8+A1
2.	Aggregates and bitumen mixes and pavements of road, airstrip and other traffic areas	2.1. Particle size distribution	БДС EN 933-1
		2.2. Content of fine fraction	БДС EN 933-1
		2.3. Water content	БДС EN 1097-5
		2.4 Flakiness index	БДС EN 933-3
		2.5. Shape index	БДС EN 933-4
		2.6. Sand equivalent	БДС EN 933-8+A1
3.	Mineral flour for asphalt additives	3.1. Particle size distribution	БДС EN 933-1
		3.2. Assessment of fines - Methylene blue test	БДС EN 933-9
4.	Bitumen for road pavements	4.1. Penetration	БДС EN 1426
		4.2. Softening point - Ring and Ball method.	БДС EN 1427
		4.3. Elastic recovery	БДС EN 13398
5.	Bituminous mixtures	5.1. Soluble binder content	БДС EN 12697-1
		5.2. Particle size distribution	БДС EN 12697-2+A1
		5.3. Maximum density	БДС EN 12697-5
		5.4. Bulk density of bituminous specimens	БДС EN 12697-6
		5.5. Void characteristics	БДС EN 12697-8
		5.6. Dimensions of a bituminous specimen - height; - diameter;	БДС EN 12697-29
		5.7. Marshal stability (test)	БДС EN 12697-34
		5.8. Marshall flow (relative plasticity)	БДС EN 12697-34

Type of the scope: *flexible**			
№	**Tested Products**	**Type of Test/Characteristic**	**Testing methods (standard / validated method)**
1	**2**	**3**	**4**
		5.9. Temperature	БДС EN 12697-13
6.	Compacted bituminous layers	6.1. Bulk density: - initial bulk density (core) - relative comparative density	 БДС EN 12697-9 БДС EN 12697-6
		6.2. Level of compaction	БДС EN 12697-9
		6.3. Thickness of a bituminous pavement	БДС EN 12697-36
7.	Fresh concrete	7.1. Slump-test	БДС EN 12350-2
		7.2. Temperature	БДС EN 206+A2/NA, item 5.2.9
8.	Construction soils	8.1. Elasticity modulus in round-plate loading.	БДС 15130
		8.2. Deformation modulus in round-plate loading.	БДС 15130
		8.3. E2/E1 deformation modulus ratio in round-plate loading	БДС 15130
		8.4. In-situ soil density according to the sand replacement method.	AASHTO T 191
		8.5. Optimum water content	БДС EN 13286-2 БДС 17146
		8.6. Compaction level	AASHTO T 191
		8.7. Maximum bulk density of the frame:	БДС EN 13286-2; БДС 17146
		8.8. Particle size distribution	БДС EN 933-1
		8.9. Content of fine fraction	БДС EN 933-1
		8.10. Flakiness index	БДС EN 933-3
		8.11. Shape index	БДС EN 933-4
		8.12. Sand equivalent	БДС EN 933-8+A1
		8.13. Determination of percentage of particles with: - crushed and broken surfaces - rounded surfaces - fully crushed and broken surfaces - fully rounded surfaces	БДС EN 933-5/A1
		8.14. Yield strength	Ordinance № РД-02-20-2, issued by the Ministry of Regional Development and Public Works. Annex № 15
		8.15. Plastic limit	Ordinance № РД-02-20-2, issued by the MRDPW. Annex № 16
		8.16. Plasticity indicator	Ordinance № РД-02-20-2, issued by the

Type of the scope: *flexible**			
№	**Tested Products**	**Type of Test/Characteristic**	**Testing methods (standard / validated method)**
1	**2**	**3**	**4**
			MRDPW. Annex № 16
		8.17. California bearing ratio - CBR	БДС EN 13286-47
		8.18. Particle density: - apparent particle density - dry particle density - water-saturated-surface dry particle density	БДС EN 1097-6
		8.19. Water content	БДС EN 1097-5
		8.20. Water content	БДС EN ISO 17892-1
		8.21. Inequigranularity index	БДС EN13242+A1/NA
		8.22. Bulk density through substitute sand (wet state) Bulk density of the frame through substitute sand	Ordinance № РД-02-20- 2 issued by the MRDPW. Annex № 18
		8.23. Degree of compaction	Ordinance № РД-02-20- 2 issued by the MRDPW. Annex № 18 БДС EN 17146

To perform sampling of:

Type of the scope: *flexible**		
№	**Product**	**Sampling methods (standard/validated method)**
1	**2**	**3**
1.	Coarse aggregate for concrete; Sand /fine aggregate/ for concrete; Coarse aggregates for bitumen mixes and pavements of road, airstrip and other traffic areas; Fine aggregate for bitumen mixes and pavements of road, airstrip and other traffic areas; Mineral flour for asphalt additives; Construction soils and Crushed stone for railway lines.	БДС EN 932-1
2.	Bitumen for road pavements.	БДС EN 58
3.	Bituminous mixtures and Compacted bituminous layers.	БДС EN 12697-27
4.	Fresh concrete.	БДС EN 12350-1

***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.*

References:

1. Annex № 15 to Art. 160, item 3 of Ordinance № РД-02-20-2/28.08.2018 for road design: Determining the yield strength of soils;

2. Annex № 16 to Art. 160, item 3 of Ordinance № РД-02-20-2/28.08.2018 for road design:

Method for determining the Plastic limit of soils and the plasticity indicator of soils;

3. Annex № 17 to Art. 161 and Art. 162 of Ordinance № РД-02-20-2/28.08.2018 for road design: Method for determining the California bearing ratio – CBR.

4. Annex № 18 to Art. 168 para. 1 of Ordinance № РД-02-20-2/28.08.2018 for road design: Method for determining the bulk density of construction soils in-situ, through substitute sand.

5. Technical Rules on the Design and Technology for the Construction of the Waterproofing of Reinforced Concrete Bridges of the Chief Office Roads: TRDTCWRCB/1997, Annex 1.

I ORDER

To issue the Certificate of accreditation reg. № 29 ЛИ/05.12.2022, valid until 31.10.2023, and this order as an integral part of it.

The Certificate of accreditation with the enclosure to be received at the office of EA BAS by the Manager / representative of the Road Company EAD, Sofia, the head of Road construction laboratory at Road Company EAD, Sofia, or other authorized person in the office of EA BAS.

Upon receipt of the certificate and the enclosure issued, the the accredited person is obliged to return to EA BAS the originals of accreditation certificate reg. № 29 ЛИ/09.08.2022, valid until 31.10.2023 and its enclosure - EA BAS order, reg. № А 491/09.08.2022.

This order shall be notified to the Road construction laboratory at Road Company EAD, Sofia, within 3 (three) days from its issuance.

Eng. Irena Borislavova

Executive Director of EA BAS