Field of accreditation

N°.	Name	Filed	Material, product	The property or characteristic to be measured or, where appropriate, the type of material to be measured or the identification of the measured / investigated characteristics
1.	Laboratory test	Basic materials	Aggregates	Particle size distribution – sieve test
2.				Particle size distribution – hydrometric test
3.				Assessment of fines - clay and silt content
4.				Assessment of fines - methylene blue method
5.				Particle shape.
6.				Particle shape - Flakiness index
7.				Resistance to fragmentation (Los Angeles)
8.				Resistance to thermal shock
9.				Resistance to wear (micro-Deval)
10.				Magnesium sulphate test
11.				Polished stone value (PSV)
12.				Loose bulk density and voids
13.				Determination of the water content by drying in a ventilated oven
14.				Particle density and water absorption
15.				Frost resistance
16.				drying shrinkage
17.	Laboratory test	Basic materials	Soil	Particle size distribution
18.				Water content
19.				Bulk density
20.				Laboratory reference density and water content. Proctor compaction
21.				Compaction, mass measurement, Proctor compaction
22.				Atterberg limits
23.				Consistency limits
24.				Fall cone test
25.				Organic content
26.				Void content
27.				Swelling (oedometer test)
28.				Water permeability test
29.				Direct shear
30.				Triaxial test
31.			Cement	Setting time –
32.				Soundness (Le-Chatelier)
33.				Air permeability (Blaine machine)
34.			Reinforcing steel	Tensile strength and of tensile strain
35.				Specific (linear) mass
36.				Reinforcing steel rib height, rib distance, rib free distance, rib geometry
37.			Bitumen	Penetration
38.				Softening point
39.				Breaking point of bitumen. Fraas method
40.				Resistance to hardening under influence of heat and air (RTFOT method)
41.				Tensile properties of modified bitumen by the force ductility method
42.				Elastic recovery of modified bitumen
43.				Density and specific gravity. Capillary-stoppered pyknometer method
44.				Complex shear modulus and phase angle. Dynamic Shear Rheometer (DSR)

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45.				Flashpoint (Cleveland mehtod)
46.				Viscosity (Brookfield method on 135oC and 180oC)
47.			Bitumen emulsion	Water content
48.				Residue on sieving and storage stability
49.				Efflux time
50.	Laboratory test	Base materials	Bitumen emulsion	pH value
51.				Breaking value
52.				Adhesion
53.			Filler	Grading of fillers (air jet sieving)
54.				Real density
55.				Delta ring and ball test
56.		product	Road salt	Water insoluble matte
57.				Chloride content
58.				Particle size distribution
59.		Mixtures	Bituminous mixtures	Soluble binder content
60.				Particle size distribution (Sieving method)
61.				Maximum density
62.				Asphalt specimen bulk density (B mentod - SSD)
63.				Void content,
64.				Bulk density
65.				Water sensitivity of asphalt specimen
66.				Indentation using cube or Marshall specimens
67.				Rut formation
68.				Tensile splitting strength
69.				Binder drainage
70.				Binder content (burning mehtod)
71.				Resistance to fatigue
72.				Stiffness (IT-CY)
73.				Asphalt shear adhesion test
74.			Hardened concrete	compressive strength
75.				Flexural strength
76.				Water tightness
77.				splitting strength
78.				Freeze-thaw resistance. Scaling
79.			Mortar	Flexural and compressive strength
80.	Laboratory test	Special structures, engineering facility, objects	Road and pavement	Sand patch test (volumentic method)
81.				Skid resistance (pendulum test)
82.				Longitudinal roughness (ÚT-02 equipment)
83.				Long rod test
84.			Concrete structures	Adhesion strength perpendicular to the surface
85.				Rebound number érték (Schmidt hammer)
86.	On site/ in situ tests	Special structures, engineering facility, objects	Concrete structures	Concrete surface moisture content (CM equipment)
87.				Concrete covereage thickness
88.			Coating	Dry coating thickness
89.			Earthworks, stabilisation, base	Falling Weight Deflectometer
90.				Torsion deflection measurement
91.				Radiometric density measurement and / or on-site determination of water content in soils by means of a needle probel

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92.			courses	Determination of load bearing capacity with falling Weight deflectometer
93.				Dynamic density and load bearing capacity measurement with small plate falling weight deflectometer
94.	On site/ in situ tests	Mixtures	Fresh concrete	Slump test"
95.				Degree of compactability
96.				Slump flow test
97.				Bulk density
98.				Air content