# Interlaboratory Technical Project MC 01/2026

***To the Managers of construction laboratories***

# *INVITATION*

**For participation in interlaboratory comparison and proficiency testing according to the requirements of EN ISO/IEC 17043:2023.**

Dear Colleagues,

PT Provider UCLSB invites you to take part in Interlaboratory Technical Project MC 01/2026. Test subjects will be: Asphalt /bitouminous/ mixtures, according to the pointed standards and parameters (characteristics) in the following table:

| Test subject | Code of the standard | Name of the standard | Tested parameters (characteristics) | Range of expected values |
|---|---|---|---|---|
| Asphalt /bitouminous/ mixtures | EN 12697-6, Procedure B (9.3) | Bituminous mixtures - Test methods for hot mix asphalt - Part 6: Determination of bulk density of bituminous specimens | Bulk density [ua] | (2.355-2.390) Mg/m3 |
| | EN 12697-5, Procedure A (9.2) | Bituminous mixtures - Test methods for hot mix asphalt - Part 5: Determination of the maximum density | Maximum density [ua] | (2.500-2.525) Mg/m3 |
| | EN 12697-8, clause 4 | Bituminous mixtures - Test methods for hot mix asphalt - Part 8: Determination of void characteristics of bituminous specimens | Air voids content [ua] | (4.0-7.0)% |
| | EN 12697-34 | Bituminous mixtures - Test methods for hot mix asphalt - Part 34: Marshall test | Stability [ua] | (9-12) KN |
| | EN 12697-34 | Bituminous mixtures - Test methods for hot mix asphalt - Part 34: Marshall test | Flow [ua] | (2.0-5.0) mm |
| | EN 12697-1 | Bituminous mixtures - Test methods for hot mix asphalt - Part 1: Soluble binder content | Soluble binder content [ua] /three determinations/ | (4.0 – 6.0 )% bitumen related to the asphalt mixture |
| | EN 12697-2 | Bituminous mixtures - Test methods - Part 2: Determination of particle size distribution | Particle size distribution /ua/ /three determinations/ | % passed through sieves #12,5 mm ;#8mm; #4mm; #2mm; #1mm; #0.500 mm; #0.250mm; #0.125 mm;#0.063mm |

- Each laboratory may participate with one or both of the products according to the filled application form(QF 7.2-4).
- Tests should be conducted according to the latest (current) editions of the standards.
- The preparation of test samples for determining the characteristics of "maximum density", binder and particle size distribution will be carried out in accordance with EN 12697-28 Asphalt mixtures. Test methods. Part 28: "Preparation of samples for the determination of binder, water content and particle size distribution", as specified in the standards EN 12697-5; EN 12697-2; EN 12697-1.
- The preparation of the sample for testing the characteristics of bulk density, stability and flow will be carried out according to the procedure of the standard BDS EN 12697-30 Asphalt mixtures. Test methods. Part 30: Preparation of test specimens by impact compaction at 140 °C and 75 impacts on each side.
- Participants receive a sample of approximately 12-16 kg part of the total sample, which must be homogenized before starting the sample preparation and testing of the characteristics claimed by them. All testing and preparation of the samples are carried out by the participants according to the latest current editions of the standards.
- For the purpose of uncertainty calculation of test results and their statistical analysis we may ask you in cases where the test method requires determination of less than three test results, still their minimum number of determinations to be not less than 3 (**only when it is required by the PT Provider**)**!**

- The samples will be taken, homogenized, reduced, tested for homogeneity and stability by one of the subcontractors of PT Provider UCLSB under its supervision.

- The participants will receive their samples after the PT provider UCLSB has established an appropriate level of homogeneity, which allows obtaining of repeatable and reproducible results.

- By completing and submitting the application for participation (QF 7.2-4), each participant agrees and accepts the proven homogeneity and representativeness of each sample for the purposes of the proficiency test in this interlaboratory technical project.

- The samples will be distributed untill 10.05.2026.

- The statistical analysis of the results and the report will be prepared by the technical expert of PT Provider UCLSB assoc.prof.eng. Lyubomir Brakalov, PhD untill 26.07.2026. and send by e-mail to the participants by 30.07.2026.

- **Period of realization of the project: 01.2026 . ÷ 07.2026 .**

**Participation fee:**

***The price for participation depends on which country the relevant participant is from,due to the difference in the expenses for the delivery of the test sample. For more information please use the contacts given in the end of this invitation for participation!***

The price includes participation fee, preparation of test objects, homogeneity and stability tests, packaging, shipping, processing of results, preparing and receiving of a report /QF 7.4-1/ (electronically) and a certification for participation /QF 7.4-2/ in interlaboratory comparison and proficiency testing.
Application form (QF 7.2-4) will be accepted no later than 15.04. 2026.

The participation fee should be transferred no leter than 15.04. 2026 on the following bank account:

"PT Provider UCLSB „ Ltd
Gabrovo 5300, Bulgaria
6, Ivan Dimov Str.
VAT: BG 206627780
Eng. Iliyan Iliev – Manager PT provider UCLSB
First Investment Bank - Account:
IBAN :BG40FINV91501017572086

BIC :FINVBGSF

**ATTENTION!**

- Interlaboratory technical project MC 01 2026 will be performed if minimum 5 participants decide to participate for at least one of the parameters/characteristics of the relevant product.
- The minimum number of participants for a parameter to be included in the relevant PT scheme is 5!
- All participants will receive further instructions for the process of implementing the relevant PT scheme.
- Only participants whose participation fee has been paid will be included in the project!
- **Important**: For more details about participation and conditions for participation, preparation, report and statistical processing see QF 7.2-1 - Suitability test plan.

After the payment is made you will receive the original invoice.
If you wish to participate, please complete the Application for Participation (QF 7.2-4) in interlaboratory comparison and proficiency testing and send it to the email address below no later than 15.04.2026.!!!

**To all who will decide to take part in the project we wish luck and successful performance!**
For more information use the contact person below.

**Contact person:**

eng. Iliyan Iliev – Project manager and Manager of PT Provider UCLSB;
GSM: 0877 144 413
e-mail: sslsb@abv.bg; website: www.ptprovider.sslsb.org;