

# INTERLABORATORY TECHNICAL PROJECT MC 06/2023

*To the Managers of construction laboratories*

## INVITATION

**For participation in interlaboratory comparison and proficiency testing according to the requirements of EN ISO/IEC 17043:2010.**

Dear Colleagues,

PT provider UCLSB invites you to take part in Interlaboratory Technical Project MC 06/2023. Test subject will be: Bitumen and bitumen products, 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)                                                        |
|------------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Bitumen and bitumen products | EN 1426              | Bitumen and bituminous binders - Determination of needle penetration.                                                 | Needle penetration <span style="background-color: #90EE90;">lua</span>                     |
|                              | EN 1427              | Bitumen and bituminous binders - Determination of the softening point - Ring and Ball method.                         | Softening point - Ring and Ball method <span style="background-color: #90EE90;">lua</span> |
|                              | EN 12593             | Bitumen and bituminous binders - Determination of the Fraass breaking point.                                          | Fraass breaking point <span style="background-color: #90EE90;">lua</span>                  |
|                              | EN ISO 2592          | Petroleum and related products - Determination of flash and fire points - Cleveland open cup method (ISO 2592).       | Flash point <span style="background-color: #90EE90;">lua</span>                            |
|                              | EN 15326             | Bitumen and bituminous binders - Measurement of density and specific gravity - Capillary-stoppered pycnometer method. | Density <span style="background-color: #90EE90;">lua</span>                                |
|                              | EN 12592             | Bitumen and bituminous binders - Determination of solubility.                                                         | (Determination of) Solubility <span style="background-color: #90EE90;">lua</span>          |

lua - under accreditation, within the scope of accreditation of the PT provider; loa - out of the scope of accreditation of the PT provider

- Each laboratory may participate with the requester parameters according to the filled application form (QF 4.4-4).
- Test will be carried out according to the latest versions 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 4.4-4), 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 until **30.09.2023**.
- The statistical analysis of the results and the report will be prepared by the technical expert of PT provider UCLSB – Professor Eng. Ljubomir Brakalov until 12.12.2023, and send by an e-mail to the participants by 30<sup>th</sup> December 2023 at latest.
- **Period of realization of the project:** June 2023 ÷ December 2023

**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 participation fee includes: taking and reducing of the samples, preparing of the test subjects, homogeneity and stability tests, packing, **distribution/shipping**, statistical analysis, preparing and receiving of a report in Bulgarian **and English languages (QF 4.8-1)** and a certification for participation (QF 4.9-1) in interlaboratory comparison and proficiency testing. The report will be sent via mail. The certificate for participation will be sent via mail (scanned copy) and via post office (original).

**NOTE: You will receive the Report in Bulgarian language at first according to the given deadline. The English version of the report is free of charge and it will be sent to you 2 or 3 weeks after the Bulgarian version.**

Application form (request for participation) QF 4.4-4 will be accepted not later than 31.08.2023.

The participation fee should be transferred to 31.08.2023 on the following bank account:

**PT Provider UCLSB Ltd**  
**Bulgaria, 5300 Gabrovo**  
**№ 6 “Ivan Dimov” str.**  
**VAT: BG 206627780**  
**Accountable person: eng. Iliyan Iliev**  
**Account: First Investment Bank**  
**IBAN : BG 40 FINV 91501017572086**  
**BIC : FINVBGSF**

**ATTENTION!**

- Interlaboratory technical project MC 06/2023 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 with paid participation fee will be included in the project!
- You will receive a pro-forma invoice and after the payment is made you will receive the original invoice.
- So, if you would like to participate in the project, please fill in the application form (QF 4.4-4) and send it to the pointed e-mail below not later than 31.08.2023!
- You should send a scanned payment order for the made transaction to the same e-mail not later than 31.08.2023!
- **Important:** For more details on participation and conditions for participation, preparation, report and statistical processing, see QF 4.4-1 Detailed test plan

**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.

Assoc. prof. Toni Venelinov, PhD – Project coordinator and Quality manager of PT provider UCLSB;  
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