

**QUALITY FORM** 

#### INVITATION FOR PARTICIPATION

### INTERLABORATORY TECHNICAL PROJECT MC 03/2022

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 03/2022. Test subjects will be: Filler and Concrete products – Concrete paving blocks, according to the pointed standards and parameters in the following table:

Test subject	Code of the standard	Name of the standard	Tested parameters
Filler	EN 933-1:2012	Tests for geometrical properties of aggregates - Part 1: Determination of particle size distribution - Sieving method.	Particle size distribution <sup>/ua/</sup>
	EN 933-9:2009 +A1:2013	Tests for geometrical properties of aggregates - Part 9: Assessment of fines - Methylene blue test.	Assessment of fines – Methylene blue test <sup>(ua)</sup>
	EN 1097-7:2008	Tests for mechanical and physical properties of aggregates - Part 7: Determination of the particle density of filler - Pyknometer method.	Particle density of filler – Pyknometer method <sup>uu</sup>
	EN 1744-1:2009 +A1:2012, clause 7	Tests for chemical properties of aggregates - Part 1: Chemical analysis	Water-soluble chloride salts <sup>(uar</sup>
	EN 1744-1:2009 +A1:2012, clause 12	Tests for chemical properties of aggregates - Part 1: Chemical analysis	Acid soluble sulfates
Concrete products – Concrete paving blocks	EN 1338:2003, Annex F	Concrete paving blocks - Requirements and test methods	Tensile splitting strength <sup>ua</sup>
	EN 1338:2003, Annex F	Concrete paving blocks - Requirements and test methods	Failure load
	EN 1338:2003, Annex E	Concrete paving blocks - Requirements and test methods	Water absorption <sup>ua</sup>

/ua/ - under accreditation, within the scope of accreditation of the PT provider; /oa/ - out of the scope of accreditation of the PT provider

- Each laboratory may participate with one or both of the products according to the filled application form (QF 4.4-4).
- For the purpose of calculation the uncertainty of the test and statistical analysis of the results we ask you in cases where the test method requires determination of less than three results, still their minimum number (of determination) to be not less than 3, when it is required by the PT provider.



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- The samples will be taken, homogenized, reduced, tested for homogeneity and stability by one of the subcontractors Construction Testing Center at TRA Ltd. of PT provider UCLSB under its supervision.
- Participants will receive their samples after the PT provider UCLSB has established an appropriate level of homogeneity, which allows to obtain repeatable and reproducible results.
- By completing and submitting the application form (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 sent to the participants by 20.05.2022.
- The statistical analysis of the results and the report will be prepared by the technical expert of PT provider UCLSB Associate Professor Eng. Ljubomir Brakalov until 31.07.2022 and sent by e-mail to all the participants by 15.08.2022 at the latest.

Period of realization of the project:  $03.2022 \div 07.2022$ .

#### **Participation fee:**

✓ Filler

	Basic price + one parameter	Basic price + two parameters	Basic price + three parameters	Basic price + four parameters	Basic price + five parameters
Regular price	250€	270€	310€	350€	390€
Prices for members of Construction Products Testing Laboratories association /CPTLa/	230€	250€	290€	330€	370€

✓ Concrete products – Concrete paving blocks

	Basic price + one	Basic price +	Basic price + three
	parameter	two parameters	parameters
Regular price	320€	350€	380€
Prices for members of Construction Products Testing Laboratories association /CPTLa/	300€	330€	360€

The participation fee includes: taking and reducing of the samples, preparing of the test subjects, homogeneity and stability tests, packing, <u>distribution (shipping of the samples)</u>, 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.

#### NOTE:

Note: This document is owned by PT provider UCLSB and if the entire content or parts of it are being used by other entities or individuals in their documents, the appropriate legal actions will be taken



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# You will receive the Report in Bulgarian at first according to the given deadline. <u>The English</u> <u>version of the report is free of charge and it will be sent to you 2 or 3 weeks after the Bulgarian</u> <u>version</u>.

Application form (request for participation) QF 4.4-4 will be accepted not later than 20<sup>th</sup> April 2022.

The participation fee should be transferred from 20.04.2022 to 05.05.2022 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: BG40FINV91501017572086 BIC: FINVBGSF

#### **ATTENTION!**

- Interlaboratory technical project MC 03/2022 will be performed if minimum 5 participants decide to participate for at least one of the parameters of the relevant product!
- The minimum number of participants for a given parameter / characteristic is 5!
- All participants will receive instructions in the process of implementing the respective RT scheme.
- Only participants whose participation fee is being paid till 05.05.2022 will be included in the project!
- Important: For more details on participation and conditions for participation, preparation, report and statistical processing, see QF 4.4-1 Detailed test plan

You will receive a proforma invoice and after the transaction 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 a scanned copy to the pointed e-mail below not later than <u>05.05.2022</u>!

You should send a scanned payment order for the made transaction to the same e-mail not later than <u>05.05.2022!</u>

#### 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:**

assoc. prof. Tony Venelinov, PhD – Project coordinator and Quality manager of PT provider UCLSB; GSM: 00359 889 534 890 e-mail: sslsb@yahoo.com; website: www.ptprovider.sslsb.org; http://ptprovider.sslsb.org/en/pt-schemes/