

PROFICIENCY TESTING

№ PTS 24/01-T-1

Testing of “**Aggregates**”



INVITATION

For participation in a proficiency testing through an interlaboratory comparison in compliance with the requirements of EN ISO/IEC 17043:2010

Period of conduct:

from 11 January 2024

to 31 July 2024



Dear colleagues,

It is our pleasure to invite you to take part in proficiency testing


№ PTS 24/01-T-1

by means of an interlaboratory comparison, including **testing of “Aggregates”**.



1. Subjects of testing:

Subject of testing will be the product “**Aggregates**” under standard methods and parameters, as follows:

Subject of testing	Code of the standard	Tested parameters
 Aggregates	* EN 1097-6, item 8 (pycnometer method)	Apparent particle density, ρ_a (three determinations)
	* EN 1097-6, item 8 (pycnometer method)	Water absorption, WA_{24} (three determinations)
	* EN 1097-3	Loose bulk density (three determinations)
	* EN 1367-2	Magnesium sulfate value (two determinations)

*** The tests will be carried out according to the last valid versions of the pointed standards!**

Note: The product and the parameters are under the scope of accreditation of **PT Provider PTS Bulgaria at PTS Bulgaria Ltd.**

Explanations:

- For the purposes of the current proficiency testing the services of **LABORATORY COMPLEX at NJN LTD** will be used as a subcontractor of **PT Provider PTS Bulgaria at PTS Bulgaria Ltd.** The subcontracted activities are specified in item 4 of **PTS-F 4.4-1 “Detailed plan for proficiency testing”**.
- Each participant agrees to accept statistically and/or metrologically proven homogeneity and/or representativeness of the test subject. This is confirmed through the filling out and sending/submission of the application for participation.
- Each laboratory may participate more than once in the proficiency testing, depending on the purposes of participation: proving technical competence of different employees, confirmation of the metrological traceability of doubling technical means, etc. In such cases the laboratory will obtain more than one laboratory code and samples with different codes respectively.
- The test samples will be sent to the participants by **10 May 2024** at the latest.
- PT Provider PTS Bulgaria at PTS Bulgaria Ltd** reserves its right to request from the participants to carry out more than one test in cases where the test method requires determination of only one result.
- PT Provider PTS Bulgaria at PTS Bulgaria Ltd** is not responsible for the distribution of the laboratory codes by the participating laboratory with the relevant codes of the samples among the relevant

laboratory assistants in the cases where the laboratory participates more than once (with more than one sample) in the proficiency testing.

Final report from proficiency testing

- The assigned value and its uncertainty will be obtained by the technical expert through a statistical processing of all consensus results of the participants. Each participant agrees to accept the determined assigned value and its metrological properties. This is confirmed through the filling out and sending/submission of the application for participation.
- The final report will contain the evaluation of the mean results by scores/criteria bias, z - score, ζ - score (where possible) according to the requirements of ISO 13528:2022 "Statistical methods for use in proficiency testing by interlaboratory comparison."
- The final report will be prepared by eng. Atanas Atanasov – technical expert of **PT provider PTS Bulgaria at PTS Bulgaria Ltd** and sent via e-mail to the participants **by 31 July 2024 at the latest**.
- **You will receive the Final Report in Bulgarian language at first according to the given deadline. The English version of the Final Report is free of charge and it will be sent to you 2 to 3 weeks after the Bulgarian version.**

2. Financial conditions:

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 clause 3 of this invitation for participation!

The participation fee shall be paid until **31 May 2023**. It may be paid to the bank account given in the table below before or after the issue of a proforma invoice. PTS Bulgaria Ltd issues an electronic proforma invoice to all applied participants, which is sent to the pointed email in the application form. **Proforma invoices will be issued after 19 April 2024**. After receipt of the transfer, an original electronic invoice will be issued and sent to the email, which is written in the application form.

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 (PTS-F 4.8-1)** and a certification of participation (PTS-F 4.9-1) in interlaboratory comparison and proficiency testing. The report will be sent via email. **The certificate of participation will be automatically generated by our software and sent to the email indicated in the "Application for participation" PTS-F 4.4-4. The final report will also be sent via email.**

Information about the certificates of participation will be uploaded in section **"Register"** of the official webpage of **PTS Bulgaria Ltd** www.ptsbg.eu.

Name:	PTS Bulgaria Ltd
Registered address:	Republic of Bulgaria, Town of Smolyan, 36 "Despot Slav" st
Tax Identification Number (TIN):	206225550
VAT number:	BG206225550
Person in charge:	Valentin Belovski

IBAN:	BG12BUIN95611000666455
BIC:	BUINBGSF

IMPORTANT!!!

- The **application for participation (PTS-F 4.4-4)** in the proficiency testing may be sent to one of the e-mail addresses below **by 19 April 2024**.
- The proficiency testing will be carried out if there are at least 5 participants for one of the parameters.
- Each participant will receive instruction for conduct of proficiency testing (PTS-F 4.4-5), which will be sent via email.
- Only the participants who have paid their participation fees will be included in the proficiency testing!
- You will be informed by email about the conduct of the proficiency testing, depending on the submitted applications, by **19 April 2024** at the latest.

3. Contacts:

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