

# PROFICIENCY TESTING

**№ PTS 24/10-T-1**

Testing of  
**“HARDENED CONCRETE”**



## 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 01 October 2024**

**to 30 June 2025**




Dear colleagues,

It is our pleasure to invite you to take part in proficiency testing **№ PTS 24/10-T-1** by means of an interlaboratory comparison, including **testing of “HARDENED CONCRETE”**.



## 1. Subjects of testing:

Subject of testing under standard methods and parameters, as follows:

Subject of testing	Code of the standard	Determined parameters
Hardened concrete 	*EN 12390-3	Compressive strength
	*EN 12390-7	Density

**\* The tests will be carried out according to the last valid versions of the indicated standards! One sample consists of three test cubes measuring 150\*150\*150 mm.**

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

### Schedule of the proficiency testing scheme

OCTOBER 2024	FEBRUARY 2025	MARCH 2025	MAY 2025	JUNE 2025
<b>01</b> The beginning of the PT scheme	<b>28</b> Deadline for accepting applications	<b>31</b> Deadline for sending the test samples to the participants	<b>27÷30</b> Deadline for testing and submitting the results by the participants	<b>30</b> Deadline for preparing and sending a final report and certificate of participation.

Detailed information will be provided to the participants in the “**Instruction for conduct of proficiency testing**” /PTS-F 4.4-5/, which will be sent to the participants by email.

### Explanations:

- For the purposes of the current proficiency testing the services of **LABORATORY COMPLEX at NJN LTD** will be subcontracted by **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.
- **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,  $\zeta$  – 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.
- **You MAY 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 up to 1 week after the Bulgarian version.**
- **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](http://www.ptsbg.eu).

### 2. Financial conditions:

REGARDING THE PARTICIPATION FEES PLEASE CONTACT US VIA EMAIL: [office@ptsbg.eu](mailto:office@ptsbg.eu).

**PARTICIPANTS FROM THE EUROPEAN UNION AND THE BALKANS DO NOT PAY DELIVERY.**

**Participants who are from a country which is not in the European Union or from the Balkan Peninsula will be charged between 80 euro and 120 euro for delivery of the test sample depending on the courier. If the courier is DHL, then the price will be agreed with the relevant participant FIRST. The delivery price will be included in the invoice.**

The participation fee shall be paid until **31 March 2025**. 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 in February 2025**. After receipt of the transfer, an original electronic invoice will be issued and sent to the email, which is written in the application form.

<b>Name:</b>	PTS Bulgaria Ltd
<b>Registered address:</b>	Republic of Bulgaria, Town of Smolyan, 36 "Despot Slav" st
<b>Tax Identification Number (TIN):</b>	206225550
<b>VAT number:</b>	BG206225550
<b>Person in charge:</b>	Valentin Belovski
<b>IBAN:</b>	BG12BUIN95611000666455
<b>BIC:</b>	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 28 February 2025**.
- 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 **the end of January 2025** at the latest.

**3. Contacts:**

**eng. Valentin Belovski**  
Manager of  
PT Провайдер PTS Bulgaria  
at PTS Bulgaria Ltd

**eng. Atanas Atanasov**  
Quality Manager of  
PT Провайдер PTS Bulgaria  
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