

To: Laboratories analysing asbestos in building materials

Interlaboratory comparison ABS 09/2025 Asbestos in building material samples

ProfTest Syke will organize an interlaboratory comparison (ILC) in cooperation with the Finnish Institute of Occupational Health for those who are performing asbestos analysis of building material samples.

The purpose of this interlaboratory comparison is to ensure the comparability and accuracy of the results of the participants. The ILC will be carried out from the perspective of safety of asbestos work in accordance with Finnish [Government Decree 798/2015](#). About 15 laboratories are expected to participate in this interlaboratory comparison. The ILC will be organized if at least 8 laboratories register by the deadline. The organizing of this interlaboratory comparison is not included in the accreditation scope of ProfTest Syke (finas.fi/sites/en).

Sample matrices

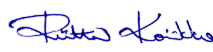
Building material

Timetable

Registration	19 June 2025 – 21 August 2025
Sample dispatch date (national participants)	23 September 2025 (see Chapter 4 <i>Sample delivery</i>)
Analysis of the samples	at the latest by 16 October 2025
Reporting of the results	24 September – 16 October 2025 (separate file)

Participation fee

The participation fee is **520 €** (+ VAT) including all measurements and samples.
See detailed information in Chapter 9 *Participation fee*.



Riitta Koivikko,
Coordinator



Mirja Leivuori,
Group manager

ProfTest Syke is proficiency testing provider PT01
(EN ISO/IEC 17043:2010) accredited by FINAS
(Finnish Accreditation Service, finas.fi/sites/en).



ProfTest Syke guide for participants is available on our website (syke.fi/proftest/en).

Organizing the proficiency test

1 Organizer

Proftest Syke, Finnish Environment Institute (Syke)
Address: Mustialankatu 3, FI-00790 Helsinki, Finland
Email: proftest@syke.fi

Contact

Coordinator: Riitta Koivikko, tel. +358 295 251 750
Substitute for coordinator: Mirja Leivuori, tel. +358 295 251 366
Email: firstname.lastname@syke.fi

Cooperation partner and expert laboratory

Finnish Institute of Occupational Health (FIOH, T013, finas.fi/sites/en)

Analytical expert Elina Leppäniemi (FIOH)
Email: firstname.lastname@ttl.fi

Subcontracting Asbestos analyses of sample materials: FIOH

2 Sample and measurands

The samples of the interlaboratory comparison are building material samples (S1–S4), from which the participants report the presence or absence of asbestos. When participant reports that the sample contains asbestos, the observed asbestos silicate/silicates is also to be reported. The sample materials are real samples from different types of Finnish renovation and demolition sites, therefore complete homogeneity cannot be guaranteed.

3 Registration

The registration for this interlaboratory comparison is open until **21 August 2025**.

Registration is done via the electronic client interface, ProftestWEB: wwwp5.ymparisto.fi/Labtest/en. If there are problems when using ProftestWEB or you need username and password, please contact proftest@syke.fi.

4 Sample delivery

The sample dispatch day for national participants is **23 September 2025**. To ensure timely arrival, the samples are dispatched earlier for participants abroad.

If the sample package does not arrive **at the latest on 25 September 2025**, or there are missing samples, please contact the provider (proftest@syke.fi). More contact details in Chapter 1 *Organizer*.

5 Sample storage and analysis

The samples are delivered in double, resealable plastic bags with information about the tested sample as code S1-S4. **Samples must be stored and processed carefully according to the laboratory's own procedures.**

The samples are analysed within the laboratory where they are delivered to, by one analyst, using the laboratory's normal customer sample assay procedures at the latest on **16 October 2025**. Samples can be heterogeneous and careful analysis is necessary.

6 Reporting the results

The participant results are reported to ProfTest Syke at the latest on **16 October 2025**. The results are reported with a separate result file which can be downloaded from ProfTestWEB (Excel file, available on 23 September 2025).

ProfTest Syke delivers the preliminary results report to the participants no later than on week 44 (27 – 31 October 2025). The final report will be published at the latest by January 2026 and it is then available via ProfTestWEB and via ProfTest Syke website (syke.fi/proftest/en). The availability of the report will be informed to the participants by email.

7 Assigned values and evaluation of the results

The evaluation of the participant results is based on the reported results of the test samples in such a way that the participant results are compared to the asbestos determinations made in the pre-testing phase in the expert laboratory (FIOH). The identified asbestos silicates reported by the participants are compared with the identification results of the expert laboratory in the pre-testing of the samples.

8 Confidentiality

The results of participants are treated anonymously. The participants' results and the preliminary results report of the round are confidential and should not be shared with third parties during the implementation of the round.

9 Participation fee

The participation fee is **520 € (+ VAT)** including material samples S1, S2, S3, and S4. If the participant orders additional samples, they are charged **65 € (+ VAT)** each.

Note! If a participant orders more than one sample, additional samples will be provided if there are enough subsamples available.

The invoice will be sent after the delivery of the preliminary results report. If the participant orders additional samples, they are charged according to the prices listed above (if additional samples cannot be provided, the organizer will not charge for the ordered additional samples).

Note! In Finland VAT is 24 %. Further, if the invoicing address or any other additional information has to be corrected after the invoicing, the extra handling cost will be charged. The participant is also responsible for possible custom clearance or customs fee of the sample.