

## Radioactivity of construction products and ash

### Sampling

Sampling should be planned so that the samples to be measured represent reliably the material under examination. The sample is formed by taking separate subsamples from test lot and then carefully mixing them together. Approximately 1 litre of the sample prepared as described above is sent for radioactivity analysis. A sufficient amount for the ash sample is 0,5 litre.

**The sample must be pre-crushed and have a grain size of less than 8 mm.**

The sample container is marked with the sample identifier and the date of sampling.

This order form must be delivered with the sample.

**Mailing address:**

Radiation and Nuclear Safety Authority  
MIT/Gamma measurement  
Jokiniemenkuja 1  
01370 Vantaa, Finland

**For more information:**

[mittauspalvelut@stuk.fi](mailto:mittauspalvelut@stuk.fi)

The values of the conditions specified in STUK S/6/2022 (6 § and 13 §) are calculated for the samples. These values are reported to the customer together with the results. If the value according to the intended use is greater than 1, STUK will send further instructions to the responsible party on the safe use of the material.

### Customer information

Customer	
Name	
Company	
Postal address	
Postcode and post office	
Phone number	
E-mail address*	

\* The test report will be sent electronically to the email address provided by the customer

The responsible party (if different from the customer)	
Name	
Company	
Postal address	
Postcode and post office	
Phone number	
E-mail address*	

\* The decision will be sent electronically to the email address provided by the customer

**STUK**

SÄTEILYTURVAKESKUS  
STRÅLSÄKERHETSCENTRALEN  
RADIATION AND NUCLEAR SAFETY AUTHORITY

Osoite / Address | Jokiniemenkuja 1, 01370 Vantaa, FINLAND  
Puh. / Tel. (09) 759 881, +358 9 759 881 | Fax (09) 759 88 500, +358 9 759 88 500 | [www.stuk.fi](http://www.stuk.fi)

Invoicing address	
Company	
Department	
Postal address	
Postcode and post office	
Business ID number	
Operator	
E-invoicing address	
Invoice reference*	

\* If the field is left blank, no separate reference is made on the invoice.

Urgency of the measurement
Normal <a href="#">delivery time</a>
Urgent measurement (1,5 times the price, ask separately about delivery times ( <a href="mailto:mittauspalvelut@stuk.fi">mittauspalvelut@stuk.fi</a> ))

Is the sample hazardous as waste (may cause danger or harm to health or the environment; must be sent for separate disposal (e.g. fly ash and APC waste))?
No (STUK will take care of the disposal) Yes (sample will be returned to customer) If yes, provide a more detailed description of the sample:  The customer collects the sample within two weeks after the result is sent.* Pick-up point: Jokiniemenkuja 1, 01370 Vantaa (reception of goods) *If the sample is not collected, STUK will return the sample to the customer. The costs will be charged to the customer. STUK returns the sample to the customer (the working hours used are charged according to STUK's service price list) Return address:

## Information on sample(s)

The sample is related to product development (results are not reported to STUK's Radiation Practices Regulation for monitoring)

Yes

Sample identifier	Sampling date	Use of the material/product*	Ash only as a building product**
1.			
2.			
3.			
4.			
5.			

\* List the possible uses (e.g. building construction, road construction, landscaping, landfill, waste, etc.). If the material is used as a building construction product, a more detailed description of the intended use (e.g. raw material for concrete or filling aggregate) is recommended.

\*\*As a rule, ash samples are always analysed with an advanced gamma analysis, which is charged according to STUK's service price. The option "ash only as a building product" is ONLY selected if the ash sample is only used in building products, whereby the sample is only measured as a building material. If necessary, the Natural Radiation Regulation [lsv@stuk.fi](mailto:lsv@stuk.fi) can be contacted by e-mail to ask whether the measurement as a building material is sufficient.

## Additional information