



The list of charges for the services and information requests under public law of the Radiation and Nuclear Safety Authority (STUK).

The Radiation and Nuclear Safety Authority (STUK) has made a decision on the charges for its services and information requests under public law. The decision is based on sections 3 and 7 of the Ministry of Social Affairs and Health's Decree on charges payable for the services of the Radiation and Nuclear Safety Authority (1277/2022), sections 7–9 of the Act on Criteria for Charges Payable to the State (150/1992) and section 34 of the Act on the Openness of Government Activities (621/1999) STUK's list of service charges has been updated on the basis of this decision.

STUK SERVICES

LIST OF CHARGES 2 MAY 2023

This list of charges replaces the previous one confirmed on 20 May 2022.

STUK SERVICES

General

STUK produces standardized, training and professional services relevant to its field of activity. STUK generally only produces services that promote radiation and nuclear safety or increase awareness of them. Services that do not achieve the above goals are only produced if doing so fits into STUK's operations in a reasonable way.

Pricing

Unit prices for standardized services can be found in the list of charges on the following page.

Measurements, analyses and other comparable charges only include producing the result in question. If the order requires other tasks to be carried out, such as a safety review on the basis of the results, a statement or other interpretation of the results, these operations will be subject to a separate charge. If



the analysis requires preparation of the sample, the customer will also be charged for the working time spent on said preparation, typically 1–5 hours (technical specialist) depending on the type of sample.

Normal delivery times vary depending on the service and will be specified when the customer makes their order. Charges for expedited services are multiplied by 1.5. If the work is subject to an hourly rate, the minimum charge is 0.5 hours. Hourly rates for staff are presented in sections 1 and 12 of the list. Any overtime is subject to a separate charge. In addition, a hazardous waste fee is charged for ash samples if the customer does not collect the waste from STUK after the measurement. The hazardous waste fee for ash samples is EUR 11,67 (0% VAT) / EUR 14,47 (24% VAT) per kilogram commenced.

The list of charges also contains information about charges for training services, calculation software, copies of documents, information requests under public law and financial information requests. Services that are not listed in the list of charges or for which a separate offer can be made are priced according to commercial criteria and the principles set in the Act on Criteria for Charges Payable to the State and will be agreed upon separately with the customer.

Term of payment: 21 days net

Interest on late payments: In accordance with the Interest Act. In the case of information requests under public law, if the interest is less than EUR 10, a late payment fee of EUR 10 will be charged on a bill-by-bill basis instead of interest.

Terms of delivery

The general terms of delivery for measurement services have been published on STUK's website:

<https://www.stuk.fi/web/en/services/general-terms-of-delivery-of-measurement-services>.

The general terms of delivery of indoor air alpha track radon detector measurements have been published on STUK's website:

<https://www.stuk.fi/web/en/services/general-terms-of-delivery-of-indoor-air-alpha-track-radon-detector-measurements>.

LIST OF SERVICE CHARGES 2 MAY 2023

1 Hourly rates for staff

Unit price	EUR/h (0% VAT)	EUR/h (24% VAT)
• Principal advisor	235,00	291,40
• Senior expert	195,00	241,80
• Researcher/inspector	170,00	210,80
• Technical specialist	160,00	198,40

For hourly rates for information requests (both financial and under public law), see section 12.

2 Radon measurements

Unit price	EUR (0% VAT)	EUR (24% VAT)
• Integrated measurement from air using film (online order, 10 kits or less)	69,00	85,56
• Integrated measurement from air using film (other order, 10 kits or less)	75,90	94,12
• Integrated measurement from air using film (11–50 kits)	60,44	74,95
• Integrated measurement from air using film (more than 50 kits)	52,44	65,03
• Delivery of the results of a previously conducted measurement in a residential property	50,00	62,00
• Radon measurement from water sample	137,17	170,09

3 Gammaspectrometric measurements of samples

Unit price	EUR (0% VAT)	EUR (24% VAT)
• Cs-137 and wipe samples only	190,92	236,74
• Measurement of a single radionuclide (other than Cs-137) or analysis of a construction material	241,92	299,98
• Complex gamma analysis or measurement that requires calibration of equipment	400,20	496,25

4 H-3 measurement

Unit price	EUR (0% VAT)	EUR (24% VAT)
• H-3 measurement from water sample	322,51	399,91
• H-3 measurement from wipe sample	137,17	170,09
• H-3 measurement from urine sample (distillation)	365,01	452,61

5 Measurement of Naturally Occurring Radioactive Materials (NORM) from solid and liquid samples

Unit price	EUR (0% VAT)	EUR (24% VAT)
NORM measurements from liquids:		
• Complex gamma analysis	400,20	496,25
• Ra-226 using liquid scintillation counting	218,73	271,23
• Uranium using ICP-MS	137,17	170,09
• Thorium using ICP-MS	137,17	170,09
NORM measurement from solids:		
• Complex gamma analysis	400,20	496,25
• Grinding and dissolution of a solid sample	160,00	198,40
• Uranium using ICP-MS	137,17	170,09
• Thorium using ICP-MS	137,17	170,09

6 Other radioactivity measurements (radiochemical analysis, uranium ICP-MS)

Unit price	EUR (0% VAT)	EUR (24% VAT)
• Total alfa measurement	218,73	271,23
• Total beta measurement	218,73	271,23
• Uranium measurement (single sample)	2 594,81	3 217,5
• Uranium measurement (four samples or more)	915,85	1 135,65
• Uranium using ICP-MS	137,17	170,09
• Po-210 measurement (single sample)	1 242,34	1 540,50
• Po-210 measurement (four samples or more)	476,30	590,61
• Pb-210 measurement (single sample)	2 594,81	3 217,56
• Pb-210 measurement (four samples or more)	915,85	1 135,65
• Pb-210 and Po-210 measurement (single sample)	1 438,40	1 783,62
• Pb-210 and Po-210 measurement (four samples or more)	640,80	794,59
• Sr-89 and Sr-90 measurement (single sample)	4 117,89	5 106,18
• Sr-89 and Sr-90 measurement (four samples or more)	1 838,35	2 279,55
• Sr-90 measurement (single sample)	3 938,69	4 883,98
• Sr-90 measurement (four samples or more)	1 758,35	2 180,35
• Plutonium measurement (single sample)	3 388,27	4 201,45
• Americium and/or curium measurement (single sample)	3 388,27	4 201,45
• Plutonium measurement (four samples or more)	3 705,54	4.594,87
• Americium and/or curium measurement (four samples or more)	1 518,35	1 882,75
• Plutonium, americium and curium measurement (single sample)	7 406,58	9 184,16
• Plutonium, americium and curium measurement (four samples or more)	3 036,70	3 765,51
• C-14 measurement from urine sample	206,00	255,44

<ul style="list-style-type: none"> • Technetium measurement from resin and waste sample (four samples or more) 	1 510,00	1 872,40
---	----------	----------

7 Measurements of the radioactivity of persons

Unit price	EUR (0% VAT)	EUR (24% VAT)
<ul style="list-style-type: none"> • Radioactivity measurement 	390,78	484,57
<ul style="list-style-type: none"> • Preparing the measuring equipment for operation (includes one additional transport of equipment at the measuring location) 	595,00	737,80
<ul style="list-style-type: none"> • <i>Waiting time at the measuring location will incur charges in accordance with the hourly rates for staff in this list of charges.</i> • <i>If the appointment has not been cancelled, the customer will be charged for the measurement even if the subject is not available.</i> • <i>The customer will be billed for kilometer allowances, accommodation for staff performing the measurements and per diem allowances separately.</i> 		

8 Reception and treatment of small waste

Unit price	EUR (0% VAT)	EUR (24% VAT)
<ul style="list-style-type: none"> • Reception and treatment of small waste at STUK. The customer will be charged for labor costs according to realized working time. The minimum charge is 1.5 hours at the hourly rate for an experienced expert. <i>STUK accepts waste containing nuclear material. STUK only accepts waste containing other radioactive substances that does not consist of sealed sources. In addition to the charges reported here, the customer is charged a final disposal fee based on the volume of disposable waste. STUK charges a minimum final disposal fee of EUR 60.</i> 	min. 352,50	min. 437,10
<ul style="list-style-type: none"> • Receipt of waste consignment at Olkiluoto <i>The Olkiluoto facility only accepts waste that is suitably packaged for final disposal. In addition to the charges reported here, the customer is charged a final disposal fee based on the volume of disposable waste. Olkiluoto facility charges a minimum final disposal fee of EUR 3,050.</i> 	2 058,00	2 551,92
<ul style="list-style-type: none"> • Final disposal fee of small waste based on final disposal volume. <i>The final disposal volume of waste is the volume of the smallest cuboid into which the waste package fits. If the waste package's calculated density (the mass of the waste package divided by its volume) is greater than 1 t/m³, the final disposal volume is multiplied by the waste package's calculated density.</i> 	10 000 €/m ³	12 400 €/m ³

*Example: 200 L barrel, \varnothing 0.585 m, ht. 0.89 m, weight 320 kg;
volume of the smallest cuboid: $0.585 \times 0.585 \times 0.89 = 0.305 \text{ m}^3$;
calculated density: $0.320 / 0.2 = 1.6 \text{ t/m}^3$; final disposal volume:
 $0.305 \times 1.6 = 0.488 \text{ m}^3$*

9 Calibration, irradiation and testing services

- If calibration/testing is performed in the customer's premises, travel expenses shall be charged as defined by the State's traveling compensation regulations (kilometer allowances, accommodation expenses and per diem allowances) separately from the customer.

Fixed-price calibration and testing services, unit price	EUR (0% VAT)	EUR (24% VAT)
Radiation protection		
• Calibration of portable instrument with one radiation quality (1)	395,00	489,80
• Inspection of portable survey instrument (1)	225,00	279,00
(1) Single instrument. Fixed-price calibration includes a maximum of 6 dose rates per radiation quality. Calibrations/testing of more than one instrument will be charged based on working time used (hourly rate).		
X-ray diagnostics		
• Calibration of X-ray meter and ionization chamber with one radiation quality	420,00	520,80
• Additional charge for each following ionization chamber with one radiation quality	195,00	241,80
• Additional charge for each following radiation quality	98,00	121,52
Radiotherapy, calibration at STUK		
• Calibration of radiation therapy meter and ionization chamber with ^{60}Co radiation	1 630,00	2 021,20
• Additional charge for each following ionization chamber per meter	1 100,00	1 364,00
• Calibration of radiation therapy ionization chamber with ^{60}Co radiation	1 340,00	1 661,60
• Additional charge for each following ionization chamber	830,00	1 029,20
Hourly rate services (other than the above mentioned fixed-price services)	EUR/h (0% VAT)	EUR/h (24% VAT)
• Calibrations and irradiation (including work related to preparation and finalizing)	185,00	229,40
• Irradiation for extended periods (several hours), which do not require continuous presence of staff		
○ during office hours	60,00	74,40
○ outside office hours	35,00	43,40
• Other services are charged based on working time used and hourly rate for staff		

10 Calculation program

Unit price	EUR (0% VAT)	EUR (24% VAT)
<ul style="list-style-type: none"> • PCXMC – program for calculating patient doses in medical x-ray examinations 	800,00	992,00

11 Training services

Training services are subject to an hourly rate, in which time spent on preparation, training proper and travel, as well as travel expenses and other possible direct expenses, are included or excluded on a case-by-case basis. Expenses the customer is charged for shall be agreed upon in advance between STUK and the customer.

12 Information requests, information services and document copies/scans

Hourly rate for staff	EUR (0% VAT)	EUR (24% VAT)
Information requests under public law	118,00	-
Financial information requests	118,00	146,32
The nature of the information request is determined on the basis of the Act on the Openness of Government Activities.		

Unit price	EUR (0% VAT)	EUR (24% VAT)
<ul style="list-style-type: none"> • Unauthenticated document copies/scans <ul style="list-style-type: none"> ○ First page ○ Subsequent pages 		
	1,05	1,30
	0,48	0,60
The customer will be charged for information retrievals from STUK's databases according to a separate agreement		