

Passive area dosimeter intercomparison IC2021area

Terms and Conditions of participation

1. The participant shall send 12 clearly labelled passive area dosimeters of a dosimetry system (specifying the type of the system and one of the three possible measurement conditions in this Application Form). The dosimeters must arrive before 15 July 2021 at the irradiation laboratory KIT Karlsruhe.
2. The participation fee is 1000 EUR for one dosimetry system and 800 EUR for any additional system. EURADOS sponsors will pay 900 EUR for one dosimetry system and 800 EUR for any additional system. Fees must be transferred in advance to the EURADOS bank account free of bank transfer costs (transfer costs should be borne by the customer) after receiving the invoice from EURADOS including instructions for payment, latest until 15 July 2021. Refunding will only be possible in the unlikely event that the intercomparison is cancelled by EURADOS.
3. Participants can send an electronic dosimeter (ED) together with the passive area dosimeters – for transport dose control, but not for transport dose correction. EDs will be switched off during the measurement period. EDs must have fresh batteries and disabled alarms. Appropriate transport insurance by the participant is strongly recommended.
4. Each participant is responsible for the transport costs to the irradiation laboratory, for a transport insurance to/from the irradiation laboratory and for customs formalities. EURADOS, the intercomparison organization group, the coordinating laboratory and the irradiation laboratory will not accept additional costs for transport insurance, transport damages or loss, customs or import/export duties when receiving/sending the dosimeters from/to participants. Participants from non-EU countries are responsible for making the necessary arrangements (e.g. preparation of documents such as pro forma invoices).
5. EURADOS, the intercomparison organization group, the coordinating laboratory and the irradiation laboratory accept no liability for any direct or consequential loss or damage arising from this intercomparison.
6. Dosimeters will be positioned according to the participant's chosen measurement condition (3-months inside, 3-months outside or 6-months outside), extra irradiations will be performed with photon radiation in terms of ambient dose equivalent $H^*(10)$ in the low and very low dose region, certainly below 0.5 mSv. Participants have to be aware, that significant transport dose contributions may produce outliers in resulting response values. Non-irradiated dosimeters will be used by the intercomparison organization for background/transport dose subtraction.
7. The participant must report the 12 dosimeter results in terms of $H^*(10)$ without background or transport dose correction within 1 month after dispatch from the irradiating laboratory. Change of results after distribution of the irradiation data is only possible in case of errors made by the irradiation laboratory or the intercomparison organization (to be judged by the intercomparison organization).
8. Intercomparison results will be treated by EURADOS as confidential data and participant identity will not be disclosed. Data used in technical and scientific studies, publications or presentations will be presented anonymously. Photos of the dosimetry systems will be used for publications.