



ASTRID2 radiation safety instructions

Areas with an increased level of radiation are:

1. The areas behind the concrete wall: access to these areas is via interlocked doors, such that opening a door will cause an immediate dump of the electron beam generating the radiation. It is not allowed to climb on or over the walls.
2. There are a few areas outside the wall, near places where a beam tube passes through the wall, where there are slightly increased levels of radiation. The affected areas are fenced off, and you may not stay in these areas for any prolonged period of time.

In case you need access to the restricted areas for a prolonged period of time, you must do so during a period without beam. If it is urgent, you can ask for the beam to be dumped while you work in these areas.

Personal dosimeters are to follow the bearer at IFA, i.e. should **not** be left in the experimental area. Dosimeters are **only** to be used at IFA and should not be brought to other radiation sources (synchrotron facilities, medical examinations, air travel, etc).

People in the following categories must sign a copy of this page and give it to the Radiation Safety Co-ordinator who will keep a list of people registered as long-term workers at the facility.

1. Permanent IFA and iNano staff working on the ISA accelerators and storage ring facilities
2. Researchers at IFA and iNano working on the beamlines
3. Aarhus University students working on the beamlines

Pregnant or breastfeeding women must contact the Radiation Safety Co-ordinator since special rules will apply.

For further information or to ask questions you can contact:

Heine Thomsen	Tel 2934 1910	Radiation Safety Co-ordinator
Jørgen S. Nielsen	Tel 2338 2340	
Søren Vrønning Hoffmann	Tel 2338 2344	

Sign below to confirm that you have read and understood the information on this page

Date

Name in block letters

Signature