

# Radiation Protection Instruction Protocol for Visitors of the XFEL-accelerator

Status: March 2019

Visitors of the XFEL accelerator are allowed to enter controlled areas of the XFEL accelerator temporarily for visiting purposes only without working independently there. A brief instruction of the visitors is required for this visit. Visitors confirm by signing that they have received this instruction. This protocol has to be handed back to D3.

The personal dose is determined by an electronic personal dosimeter (EPD), which is read out when leaving the accelerator area. The dose value is stored in a database.

Increased radiation must be expected in controlled areas of the XFEL. Please keep distance to all beam line elements.

## **Rules for visitors entering controlled areas of the XFEL-accelerator:**

1. Persons under 18 years of age, pregnant and nursing women are not permitted to enter controlled areas at the XFEL.
2. Eating, drinking and smoking during the stay in controlled areas are prohibited.
3. Entering prohibited areas is not allowed under any circumstances.
4. Entering and staying in controlled areas is only allowed if accompanied by a competent guide. The directives of the guide have to be obeyed. He knows the specific circumstances of the localities.
5. The guide has to wear a valid official personal dosimeter.
6. Every visitor must wear a direct reading electronic personal dosimeter (EPD). The EPD must be registered at the turnstiles in the shaft or photon tunnel entrances and booked out again when leaving the area.
7. A DACHS access card (red) is required for signing in. With this card every visitor must also register at each controlled area entrance.

Please complete on your PC or in block letters

Additional contents of the instruction	
Safety instruction	
<input type="checkbox"/>	<input type="checkbox"/>

Responsible DESY or XFEL guide			
Last name	First name	Group	Date/Signature

Visitors				
Last name	First name	Company/ Institute	Access Card No.	Signature