New CERN Gamma Irradiation Facility



Access to PPE154 (GIF++ Bunker)



DMC reader DIS reader

- 1. Valid EDH right "GIF++ Zone Turnstile (EHN1-GIF)"
 - basic safety courses (SIR) + DIS dosimeter
- 2. Valid **IMPACT** for the duration of the activity
 - to be submitted before the work begins
 - http://cern.ch/impact
- 3. Wear an Operational Dosimeter (DMC)
 - available at dosimetry service (bld. 55):
 http://cern.ch/dosimetry-service
 - reader station available in EHN1 close to GIF⁺⁺ bunker
 - Switch ON using the <u>IMPACT number</u>
 - Switch OFF when work is finished

New CFRN Gamma Irradiation Facility



Initial Safety Information on Experiments at CERN



ISIEC – INITIAL SAFETY INFORMATION ON EXPERIMENTS AT CERN

PURPOSE OF THIS TEMPLATE

This document shall be completed by the GLIMOS of an experimental collaboration, whenever it intends to bring new experimental apparatus, new test beams or make major modifications to experimental apparatus already operating at CERN.

The purpose of this document is to provide a summary description of the equipment that is to be brought to CERN and the activities that are to be carried out. This document will then allow the PH Safety Office (PH-SO) to perform an initial safety assessment; i.e. identification of the applicable safety requirements control measures etc

This ISIEC document will serve as a basis for the safety information on an experiment. Further documentation may be requested to improve the understanding of safety hazards.

For each experimental apparatus, the following procedure applies

- 1- The GLIMOS shall fill in chapters 1 to 4.
- 2- The GLIMOS shall submit this document (ISIEC form) to the PH Unit sps.coordinator@cern.ch and dso-ph@cern.ch
- 3- Recommendations and procedures will follow after the provision of this document. Note that if the experiment is considered to have major safety implications then the CERN HSE unit will become involved and their safety procedures will then be followed.
- 4- A Launch Safety Discussion may be called for by the PH-SO. This will take place on site with representatives of the experiment, PH-SO, the HSE Unit and other CERN
- 5- A formal 'Safety Clearance' of the experiment must be given prior to the experimen being allowed to start operating (for example to receive beam).

Please note that this form must be completed and sent to CERN prior to the arrival of the planned experiment. Work will not be allowed to start until this form, and any requested complementary information on safety hazards, has been completed and handed over as explained above

Please complete the following

NAME OF THE EXPERIMENT

Filled out by:

EDMS: 1317710

Date: 15 November 2013

Obligatory document



template ISIEC: EDMS 1317710



To be filled by all users installing new equipment in GIF⁺⁺ or in case of major modifications of existing equipment



with the help of one of the GIF++ responsible (Phys. Coordinator/Tech. Manager/GLIMOS)



validate the information on the ISIEC



To be submitted to the PH-DSO



inspect the equipment (if needed)



issue Safety Clearance before OP

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Safety & Other Information





GIF Operation web-page (under construction)

http://cern.ch/gif-irrad

Work in beam areas and experimental halls requires
Personal Protective Equipment
(PPE): Helmet, Safety Shoes



