

Access, General Safety & Traceability of Materials at GIF

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<http://cern.ch/gif-irrad>

Access to PPE154 (GIF Bunker)

1. Valid EDH access: [GIF⁺⁺ Zone Turnstile \(EHN1-GIF\)](#)

- Training Ranks (slide 4) + DIS dosimeter

2. Valid [IMPACT](#) for the duration of the activity

- to be submitted before the work begins
- <http://cern.ch/impact>

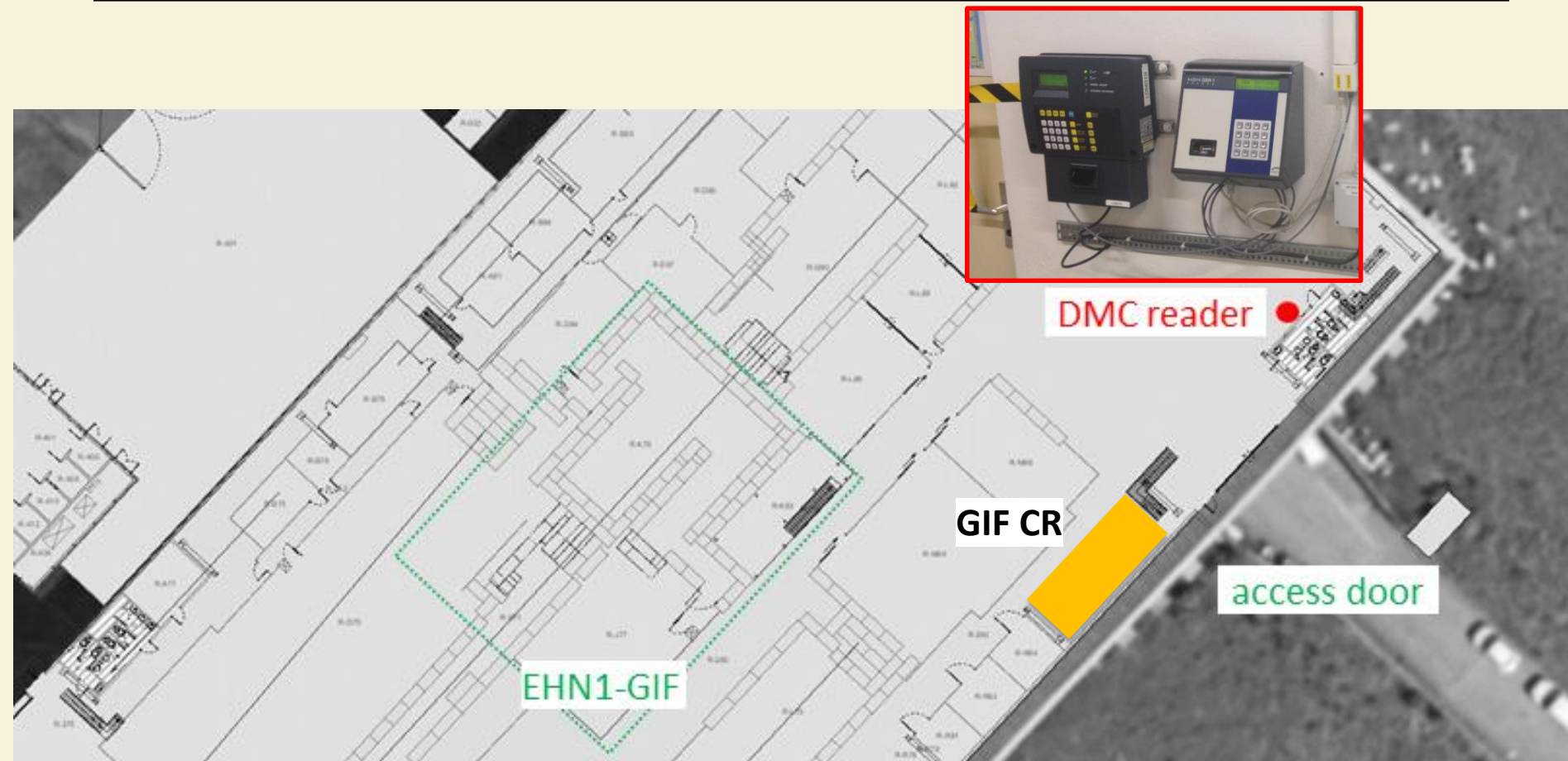


3. Wear an [Operational Dosimeter](#) (DMC)

- distributed at dosimetry service (bld. 55)
 - Switch **ON** using the [IMPACT](#) number
 - Switch **OFF** when work is finished



Location of DMC reader in EHN1



reader station available in EHN1 close to GIF bunker

Training Ranks for EHN1-GIF access

In order to keep a valid access right **GIF⁺⁺ Zone Turnstile (EHN1-GIF)** you need to successfully pass the following SIR safety courses (<http://sir.cern.ch>):

1. CERN Safety Introduction

- already enforced

2. CERN - Beam Facilities

- Please, follow it ASAP!

3. GIF course for users

- being prepared

4. Radiation Protection Course

- mandatory for DIS holders
- SIR or classroom training
- GIF bunker is a Supervised Area

SIR - Safety Information Registration

Main Menu

Welcome to SIR - Safety Information Registration.

This application allows you to access CERN safety self-training.

Please pass your mouse over a course title to see a quick description.

Please note that successfully passing a course doesn't give you request new access authorizations on [EDH](#).

Available courses and their current status

- Show all courses -	
Go	Computer Security
Go	CERN Safety Introduction
Go	Chemical Safety - Awareness
Go	Electrical Safety - Awareness
Go	Radiation Protection - Supervised Area
Go	Road Traffic - Bike Riding
Go	CERN - Beam Facilities
Go	AD - Target Area

PPE & Work in Radiation Areas



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

see EDMS 1223620 of July 2012

- **It is forbidden to eat/drink in radiation designated areas**
- Use the cafeteria located in EHN1 opposite to the GIF control room



Lead Bricks in the GIF Bunker



- Lead bricks must not be used for purposes other than radiation shielding
- Small iron/concrete blocks are available for other use (support, counterweight, etc.)
 - contact: Nicolas, Michael Jeckel (TSO)
- Lead bricks must be handled with gloves
 - available at CERN Stores (SCEM 50.43.20.FA)
 - see [Safety Guideline C-5: Guidelines for the safe use and handling of lead and its compounds at CERN](#) - [EDMS 1050102](#)

Equipment Traceability at GIF



<http://cern.ch/trec>



- Radiological control of **material leaving beam areas** is a legal obligation
 - applicable to **equipment installed in the GIF bunker and exposed to the particle beam**
 - not needed if the equipment exposed to the photon field only!
- **Detailed Procedure**
 - label equipment and register it in TREC
 - TREC labels (& console) available in the **Buffer Zone 887 R-C37** (central door, *Jura* side)
 - material can be removed after RP control
 - **“big” equipment can be controlled at GIF!**
 - detailed instructions: <http://cern.ch/gif-irrad>
 - TREC training on SIR: <http://sir.cern.ch>

Equipment Control in EHN1



RP contact
SPS complex

 **75252**

- **Equipment used at GIF Facility** (outside the GIF bunker) **must be controlled by RP before leaving the North Area (EHN1)**
 - electronic equipment, DAQ PCs, crates, etc.
 - any **EDH transport request (TNRQ)** and **EDH shipping request (SHIP)** from bld. 887 are authorized by RPO
 - RPO perform a radiological control the equipment (SHIP allow to propose date/time of control)
- **Equipment used in the GIF Control Room**
 - PCs, personal belongings, etc.
 - systematic RP control it is not needed