

*Dear Newcomer,*

*Welcome at CERN and to the ATLAS Large Experiment.*

*In the next pages, you will find important information about safety, training courses, the personal protective equipment, and the access permissions you may need to follow, wear, request. It is strongly recommended to go through this document with your Supervisor.*

*You can always contact the ATLAS LEXGLIMOS for any questions related to safety and access.*

*Have a pleasant and safe time at CERN,*

*ATLAS Safety*

### IMPORTANT INFORMATION

In case of emergency, call **CERN Fire Brigade n° (+41 22 76) 7 4444**, and communicate:

- Who you are (CERN ID)
- Where you are (number on the door)
- What is going on
  - ⇒ Never hang up without their authorization

At your workplace, make sure that you know:

- Evacuation path
  - Assembly point
  - Defibrillator
  - First aid-cabinet
  - Fire extinguisher
  - Emergency stop
- ✓ Wear the appropriate **Personal Protective Equipment** according to potential **risks**
  - ✓ Keep your working area **clean** and in **order**
  - ✓ When victim or witness of an accident or near-miss, please fill in an **accident report**.

### SAFETY CONTACTS

*Your Supervisor*

*The safety correspondent of your institute => check with your Team Leader*

*The Territorial Safety Officer of your building => Label on the door*

*ATLAS Safety Office (3162-2-E01) => LEXGLIMOS - Laetitia BARDO, Deputy - Sigi WENIG*

# HAZARDS

The list below helps to **identify the hazards** you may be exposed to during your activities at CERN. This identification guides you to **select** the **Personal Protective Equipment** and **training** courses needed.

- |  |  |
|--|--|
| <input type="checkbox"/> Work Underground    | <input type="checkbox"/> Ergonomic (computer work)     |
| <input type="checkbox"/> Work at height      | <input type="checkbox"/> Lifting                       |
| <input type="checkbox"/> Ionising Radiations | <input type="checkbox"/> Chemical                      |
| <input type="checkbox"/> Electrical          | <input type="checkbox"/> Machines and other mechanical |
| <input type="checkbox"/> Magnetic fields     | <input type="checkbox"/> Thermic risk                  |
| <input type="checkbox"/> Laser               | <input type="checkbox"/> Confined space                |
| <input type="checkbox"/> Noise               | <input type="checkbox"/> Gas – Pressure equipment      |
| <input type="checkbox"/> Manual handling     | <input type="checkbox"/> Cryogenics                    |
|  | Others _____   |

# SAFETY EQUIPMENT

Safety equipment can be purchased **via EDH** <https://edh.cern.ch> - **Catalogue - CERN store**. Below you find a list of safety equipment you may need for your work. Once you identified the equipment needed, fill in a “**Material Request – Store**” via EDH or go to **CERN stores** – building 73-R-002. For the budget code ask your supervisor.

- |  |   |
|--|---|
| <input type="checkbox"/> <b>Safety shoes</b> – <i>SCEM: 50.43.10</i> <ul style="list-style-type: none"><li>- Normal</li><li>- Antistatic PVC boots</li></ul>   | <input type="checkbox"/> <b>Noise protection</b> – <i>SCEM: 50.48.01</i> <ul style="list-style-type: none"><li>- Noise-proof earmuffs</li><li>- Wadding ear plugs</li><li>- Ear caps</li><li>- Customized protection</li></ul>        |
| <input type="checkbox"/> <b>Safety helmet</b> – <i>SCEM: 50.43.30</i>  | <input type="checkbox"/> <b>Working clothes</b> – <i>SCEM: 50.44.10</i> <ul style="list-style-type: none"><li>- Work trousers</li><li>- Jackets</li></ul>   |
| <input type="checkbox"/> <b>Protection gloves</b> – <i>SCEM: 50.43.20</i> <ul style="list-style-type: none"><li>- Chemical</li><li>- Handling</li><li>- Electrical</li><li>- Thermal (heat/cold)</li><li>- Cryogenic</li></ul> | <input type="checkbox"/> <b>Eyes protection</b> – <i>SCEM: 50.49.10</i> <ul style="list-style-type: none"><li>- Safety glasses</li><li>- Safety goggles</li><li>- Goggles protection</li><li>- Welding mask</li><li>- Visor</li></ul> |
| <input type="checkbox"/> <b>Lifting and Heights</b> – <i>SCEM: 50.64.04</i> <ul style="list-style-type: none"><li>- Safety Harness</li><li>- Tether carries tool</li><li>- Temporary horizontal lifeline</li></ul>             |   |

# SAFETY TRAINING COURSES

Below, you can find a non-exhaustive list of **training courses**, which you **may need/want to follow**. Once you identified with your supervisor the training needed, **subscribe to the classroom** courses and/or follow the online courses via learning hub, <https://lms.cern.ch/>. You can **subscribe to any course** you **judge necessary**. The training courses marked in red are mandatory as an ATLAS newcomer.

## ATLAS

- online: CERN - LHC Large Experiments
- online: ATLAS - Surface Areas
- online: ATLAS - Underground Caverns
- online: ATLAS - Toroid Area
- ATLAS – Underground Guide

## Chemical Safety (C)

- online: Chemical Safety – Awareness
- ATEX Habilitation – Level 1
- ATEX Habilitation – Level 2
- Respiratory Protective Equipment – Fit test

## Electrical Safety (EL)

- online: Electrical Safety – Awareness**
- Habilitation Electrique – Non Electrician
- Habilitation Electrique – Electrician Low Voltage
- Habilitation Electrique – Electrician High and Low Voltage
- Habilitation Electrique – Person making Tests in Labs or on Test Bench

## Fire Safety (FS)

- Fire extinguisher

## Mechanical Safety (M)

- online: Cryogenic Safety – Awareness
- Cryogenic Safety – Fundamentals
- Mobile Elevating Working Platform – Driving
- Overhead Crane – Operator and Slinger

## Non-Ionizing Radiation (NIR)

- Laser – User
- Laser – Expert
- Magnetic Fields

## Radiation Protection (RP)

- online: Radiation Protection – Awareness**
- online: Radiation Protection – Supervised Area
- Radiation Protection – Controlled Area
- online: Radiation Protection – Controlled Area – Refresher
- online: Radioactive Equipment Traceability – TREC

## Safety Organisation (SO)

- First Aider – Level 1
- Safety in Projects

## Safety and Health (SH)

- online: Safety at CERN**
- online: Emergency Evacuation**
- Defibrillator and Chest Compressions
- Manual Handling
- Noise – Risks
- Self-Rescue Mask
- online: Portable ODH Detector

## Worksite (WS)

- online: Road Traffic – Bike Riding (*Mandatory to rent a CERN bike*)
- online: IMPACT – Fundamentals
- Scaffolding – Accepting
- Working at heights – Using a Harness

If not mentioned “online” = classroom training course

# ACCESS PERMISSION vs SAFETY TRAINING COURSES

The access permission to specific zones must be requested via ADaMS, <https://adams.web.cern.ch>. Below you find a list of access permissions to the main ATLAS facilities. Please always follow the appropriate **safety training courses before requesting the access**, and when submitting the request mention a **clear justification** otherwise your access won't be approved.

\* = Personal dosimeter mandatory (Dosimetry service – <https://dosimetry.web.cern.ch>)

**ATL\_CR – ATLAS Control Room – ACR / SCX1**

- Safety at CERN
- CERN – LHC Large Experiments
- ATLAS – Surface Areas
- ATLAS – Underground Caverns

**ATL\_USA – ATLAS Service Cavern USA15 \***

- Safety at CERN
- CERN Beam Facilities
- CERN – LHC Large Experiments
- ATLAS – Surface Areas
- ATLAS – Underground Caverns

**ATL\_UX – ATLAS Detector Cavern UX15 \***

- Safety at CERN
- CERN Beam Facilities
- CERN – LHC Large Experiments
- ATLAS – Surface Areas
- ATLAS – Underground Caverns

**ATL\_TOR – Toroid Area in ATLAS Detector \***

- Safety at CERN
- CERN Beam Facilities
- CERN – LHC Large Experiments
- ATLAS – Surface Areas
- ATLAS – Underground Caverns
- ATLAS – Toroid Area
- classroom: Self-Rescue Mask

**ATL\_US – ATLAS – racks in machine zone US15 \***

- Safety at CERN
- CERN Beam Facilities
- classroom: Self-Rescue Mask

**ATL\_SX1 – Surface Building SX1 \***

- Safety at CERN
- ATLAS – Surface Areas

**ATL\_RBZ – ATLAS Buffer Zone \***

- Safety at CERN
- ATLAS – Surface Areas

**ATL\_SR1 – Clean Room and Control Room**

- Safety at CERN
- ATLAS – Surface Areas

**ATL\_SR1\_RL – Radiation Lab \***

- Safety at CERN
- ATLAS – Surface Areas

**ATL\_CLN180 – Clean Room – Building 180**

- Safety at CERN
- Electrical Safety – Awareness
- Chemical Safety – Awareness

**AT SDX1 – Trigger and Data Acquisition**

- Safety at CERN

**0161-1-024 – ATLAS Pixel Lab \***

- Safety at CERN

**Satellite Control Rooms:**

**3196-R-025**, Muon

**3196-R-017**, ID

**3196-R-013**, SysAdmins

**3196-R-009**, TDAQ

**3196-R-005**, Tilecal and FWD

**3196-R-001**, LAr

Others \_\_\_\_\_

If not mentioned “classroom” = online training course