



Safety at CERN

La sécurité au CERN



Christoph BALLE
Safety Training



HSE

Occupational Health & Safety
and Environmental Protection Unit

Safety at CERN

La sécurité au CERN

① Occupational Health & Safety

Santé et sécurité au travail

② Environmental Protection

Protection de l'environnement

③ Safety of Equipment and Installations

Sécurité des équipements et des installations

④ Operational Safety

Sécurité de l'exploitation



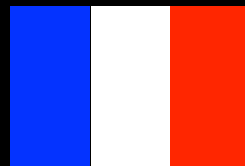
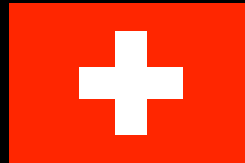
Safety Policy Committee

Comité pour la Politique de Sécurité

SAPOCO

Safety Rules

Règle de Sécurité



Safety Responsibilities

Responsabilités en matière de Sécurité

Director General



Administration & General Infrastructure

Research & Scientific Computing

Accelerators & Technology

FP

GS

HR

IT

PH

BE

EN

TE

Advanced Info Syst.

Integrated Services

Site Engineering

Scientific Information

Admin Support

Logistics

Site Services

Stores Operations

Sectors
Dep.
Groups
Sections



HSE

Occupational Health & Safety
and Environment Protection Unit

Safety Engineering & Environment

Ingénierie de Sécurité & Environnement

Environment Monitoring

Surveillance de l'Environnement

Safety Engineering

Ingénierie de Sécurité

Occupational Safety

Sécurité au travail

Safety Inspections

Inspection de Sécurité

Safety Training

Formation à la Sécurité





HSE

Occupational Health & Safety
and Environment Protection Unit

Radiation Protection

Radioprotection

Research & Design Studies

Recherche & études de conception

Operational Radiation Protection

Radioprotection opérationnelle

Dosimetry

Dosimétrie

Waste

Déchets

Radiation Monitoring

Surveillance radiologique



© LLR 2013

DSB - CERN/IES/10 - EP 105 F2 - U400-B-F2-A - RO 100

Director General



Administration & General Infrastructure

Research & Scientific Computing

Accelerators & Technology

FP

GS

HR

IT

PH

BE

EN

TE

Advanced
Info Syst.

Integrated
Services

Site
Engineering

Scientific
Information

Fire &
Rescue



Admin
Support

Logistics

Site Services

Stores
Operations



FIRE & RESCUE



SECOURS & FEU



FIRE & RESCUE

**FIRE – ACCIDENT
POLLUTION**



74444

+41 22 767 4444

SECOURS & FEU

Director General



Administration & General Infrastructure

Research & Scientific Computing

Accelerators & Technology

FP

GS

HR

IT

PH

BE

EN

TE

Advanced Info Syst.

Integrated Services

Site Engineering

Scientific Information

Fire & Rescue



Medical Service



Admin Support

Logistics

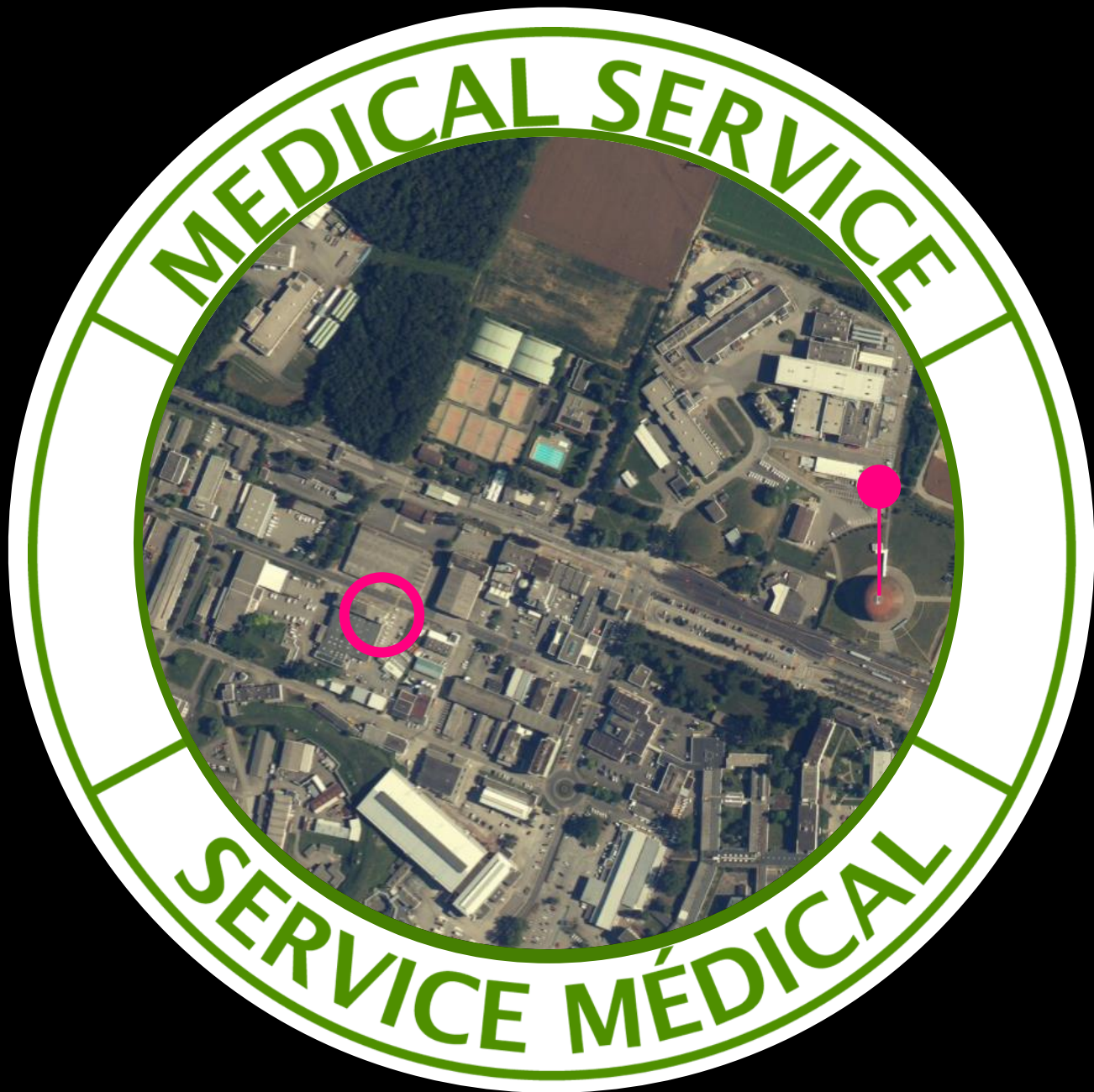
Site Services

Stores Operations









MEDICAL SERVICE

ILL - INJURED



74444

+41 22 767 4444

SERVICE MÉDICAL

Director General



Administration & General Infrastructure

Research & Scientific Computing

Accelerators & Technology

FP

GS

HR

IT

PH

BE

EN

TE

Advanced Info Syst.

Integrated Services

Site Engineering

Scientific Information

Fire & Rescue



Medical Service



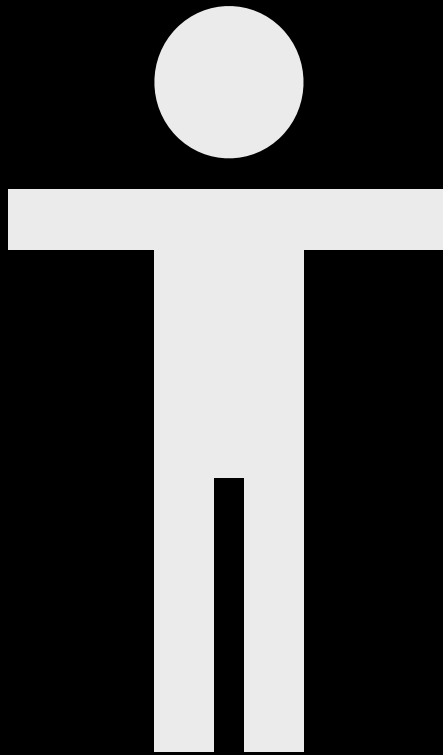
Admin Support

Logistics

Site Services

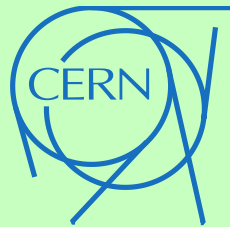
Stores Operations





First Aider

Secouriste

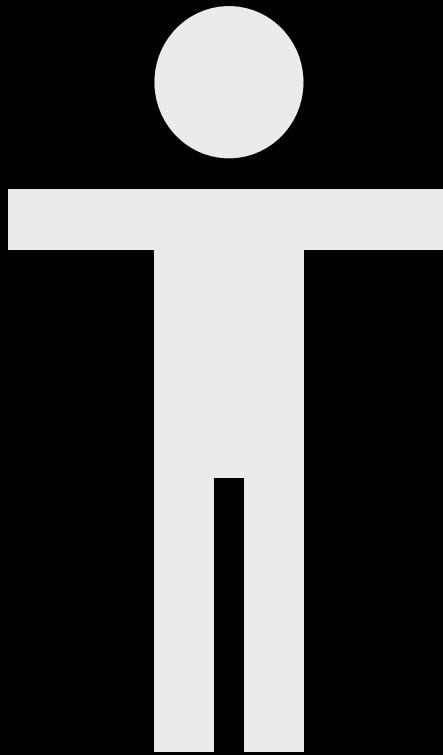


FIRST AIDER SECOURISTE



NAME : Jean-Pierre DUCHEMIN

VALIDITY: 12 November 2015



First Aider

Secouriste



Director General



Administration & General Infrastructure

Research & Scientific Computing

Accelerators & Technology

FP

GS

HR

IT

PH

BE

EN

TE

Advanced Info Syst.

Integrated Services

Site Engineering

Scientific Information

Fire & Rescue



Medical Service

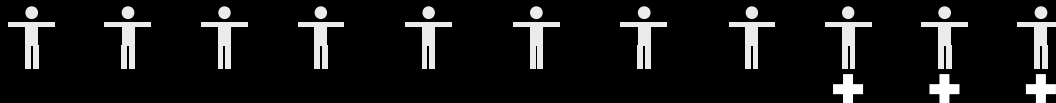


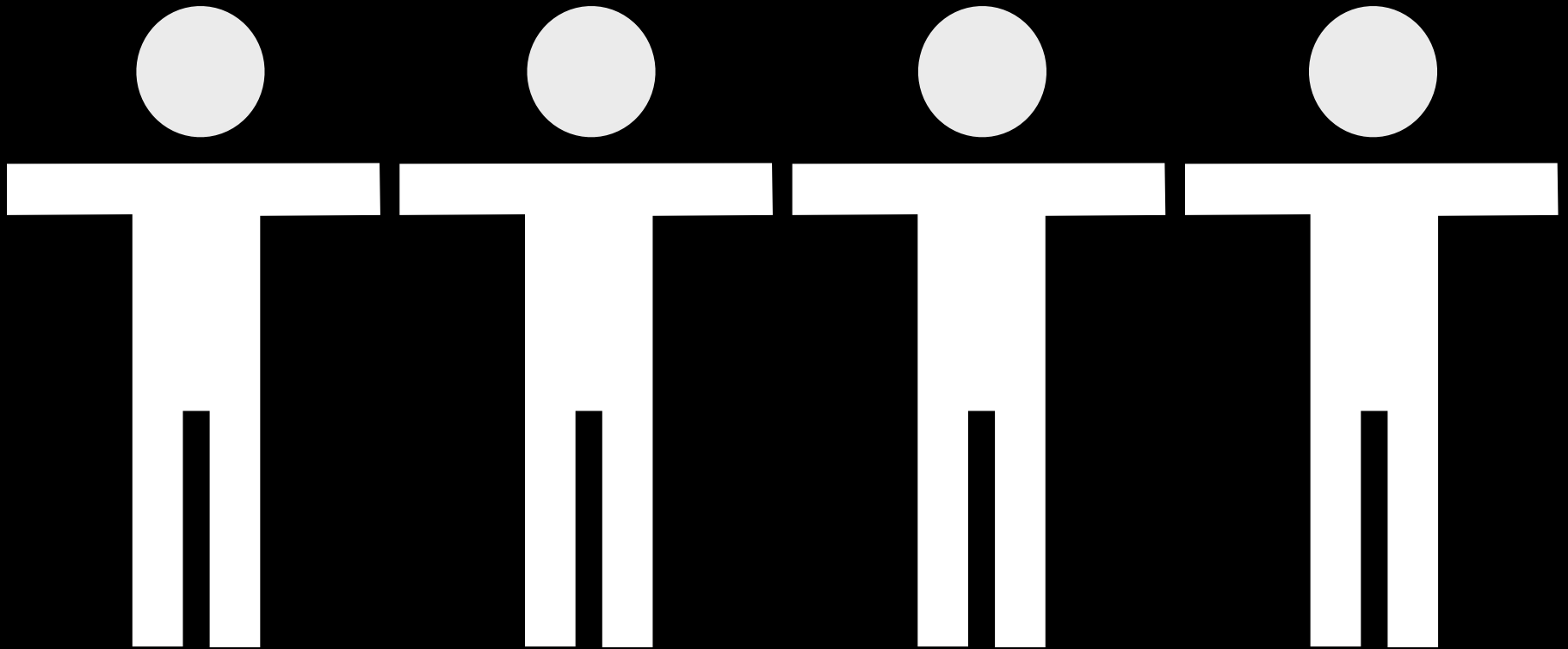
Admin Support

Logistics

Site Services

Stores Operations





**Territorial
Safety Officer**

*Délégué à la Sécurité
Territoriale*

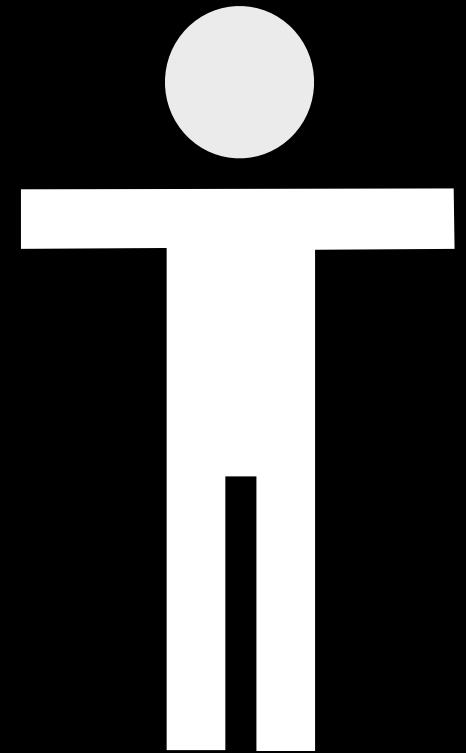
TSO

BUILDING N°: 192 _ _ _

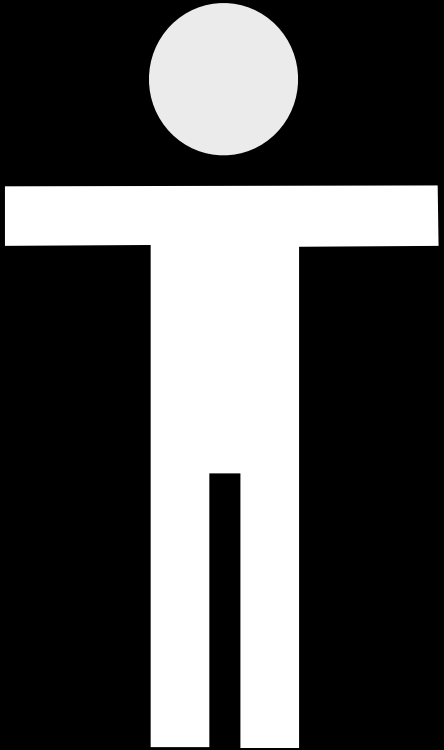
Territorial Safety Officer

T. Jones _ _ _ _ _ Dep.: **TE** _ _ _ _ _

Tel / GSM: 74711 _ _ _ _ _



TSO



TSO

Director General



Administration & General Infrastructure

Research & Scientific Computing

Accelerators & Technology

FP DSO

GS DSO

HR DSO

IT DSO

PH DSO

BE DSO

EN DSO

TE DSO

Advanced Info Syst.

Integrated Services

Site Engineering

Scientific Information

Fire & Rescue



Medical Service



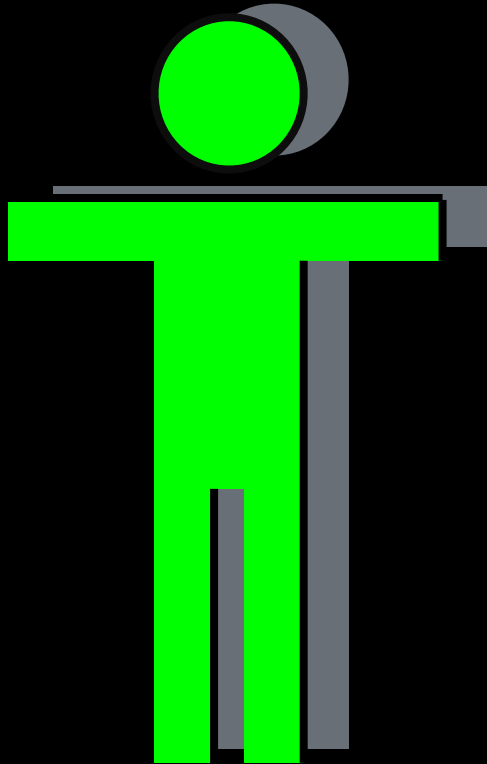
Admin Support

Logistics

Site Services

Stores Operations

SO TSO TSO PSO FGSO RSO EXSO CSO + + +



sup
you

Occupational Hazards

https://edh.cern.ch/apps/OHS/

CERN Accelerating science Signed in as: BALLE Sign out Directory

EDH SAFETY FORM OHS-0-0-3 IDENTIFICATION OF OCCUPATIONAL HAZARDS

New Declaration Save Print Help

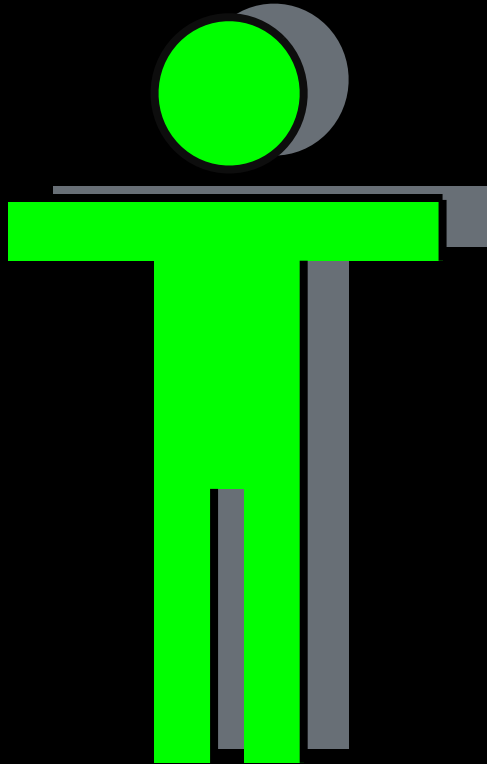
User Details Risks Declaration

Hide all details Show all details Only declared risk(s) Show the details when selected

- 100 - Mechanical hazards
- 200 - Electrical hazards
- 300 - Chemical hazards
- 400 - Fire/explosion hazards
- 500 - Hazards associated with ionising radiation
- 600 - Hazards associated with non-ionising radiation
- 700 - Cryogenic hazards
- 800 - Biological hazards
- 900 - Road and traffic hazards
 - 901 - Driving of motor vehicles
 - 902 - Use of bicycles

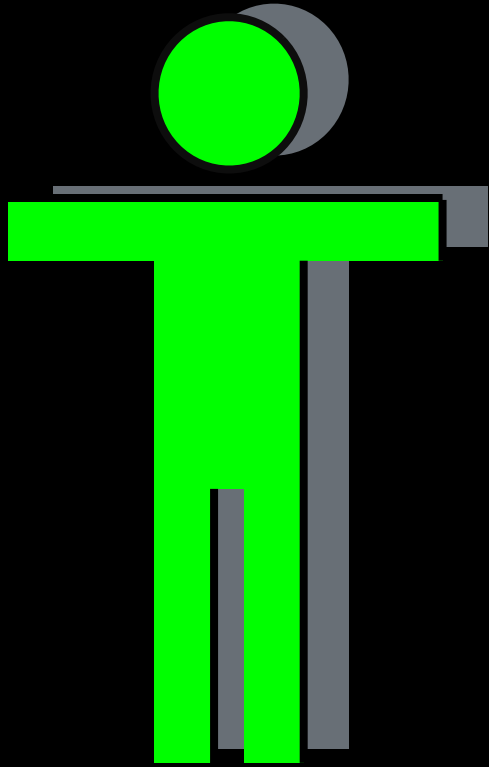
Others (please specify)

Electronic Document Handling System (EDH) v. 14.09.A prodEDH_A_5 In case of problems or for any question, please [click here](#)

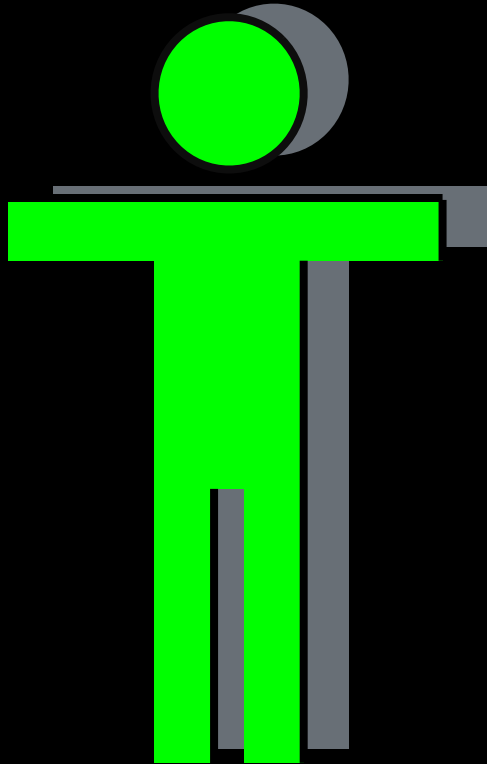


sup
you





sup
you



sup
you

CERN | SIR | Portable ODH Detector

https://sir.cern.ch/sir/?p=106:56:211076457383627:::MODULE_CURRENT_ID,FIRST_TIME_IN_PAGE:1603,1

SIR - Safety Information Registration

Main Menu > Portable ODH Detector > Portable ODH Detector (Module 1) English

OUTLINE NOTES

Search...

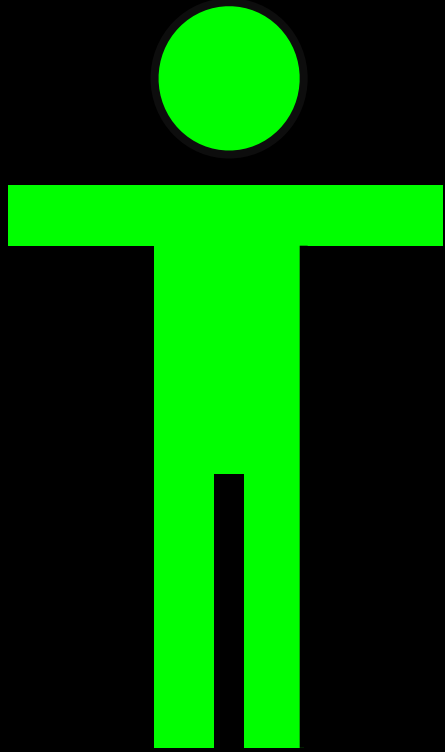
1. Portable ODH Detector
2. Please turn on the SOUND
3. Explanation of the player
4. Prerequisite for this course
5. Learning objectives In this e-learning course you will learn ...
6. Portable ODH Detector CERN configuration
7. Portable ODH Detector CERN configuration
8. Portable ODH Detector CERN configuration
9. Operation Pick-up
10. Operation Switch on
11. Operation Wearing
12. Operation Running Mode
13. Operation Switch off
14. Operation Storage
15. Alarms
16. Alarm ODH (Oxygen Deficiency Hazard)
17. Alarm ODH (Oxygen Deficiency Hazard)
18. Alarm Battery almost empty
19. Alarm Battery empty
20. Alarm Malfunction
21. Summary of the course
22. ...

Alarm ODH (Oxygen Deficiency Hazard)

A1

16 / 22 05:44 / 07:47

PREV NEXT

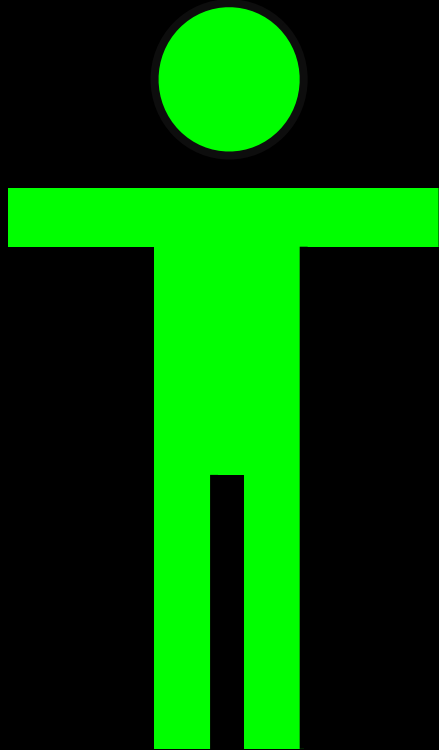


you

THE CERN SAFETY POLICY

Each person [...] shall actively contribute to the implementation of the CERN Safety Policy through

- exemplary conduct and [...]
- compliance with CERN Safety Rules [...]
- actively seeking information to minimise risks,
- avoiding dangerous situations for herself/himself and [...]
- exercising the responsibilities assigned to her/him safely.



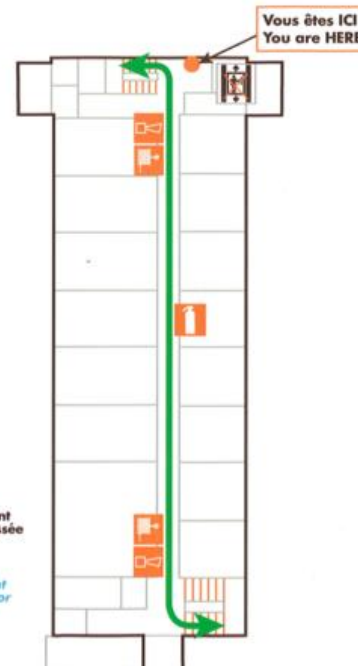
you

URGENCE / EMERGENCY

INCENDIE / FIRE

- 74444**
- Donner l'alarme**
Set off the alarm
- Combattre le feu**
Start fighting the fire
- L'air frais est près du sol**
Fresh air may be closer to floor
- N'utilisez pas l'ascenseur**
Do not use the lift

BATIMENT 36
BUILDING 36
3^{ème} étage
3rd floor



EVACUATION

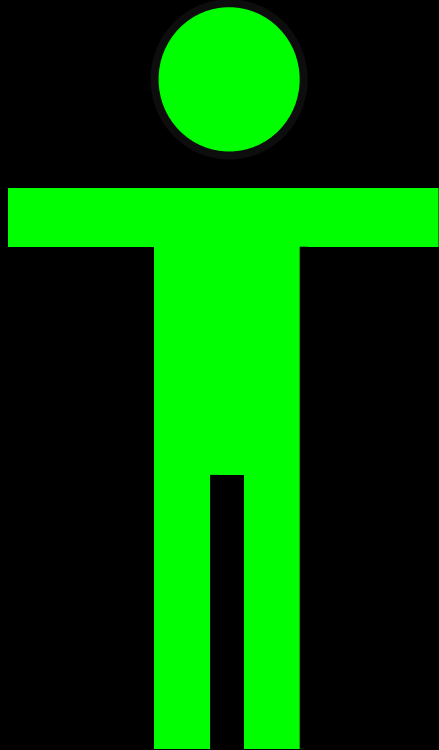
- Lorsque le signal d'évacuation retentit**
When the alarm rings
- Suivez le balisage**
Follow the signs
- N'utilisez pas l'ascenseur**
Don't use the lift
- Se rendre sur le point de rassemblement**
Go to meeting point

- Point de rassemblement**
Meeting point
- Voies d'évacuation**
Escape routes
- Alarme**
Alarm
- Lance incendie**
Fire hose
- Extincteur**

Point de rassemblement au rez de chaussée
Meeting point at ground floor

ACCIDENT

74444



you

Internal Accident Report

https://edh.cern.ch/Document/General/Accident2

Internal Accident Report

Reload Clone Attach Pr.View Save Send Help

Confidential Urgent

Fields with asterisks (*) are mandatory and must be filled in.

Created by **Christoph BALLE (DGS-SEE-ST)** Tel: 75280 164119 on 26.12.2014

Applicable administrative procedure : "Accidents"

What

Type of Safety Issue*:

Accident :
Personal Accident :
Near miss :
Hazardous Situation : ?

Short description*:
Detailed Description*:

Immediate action taken:

When

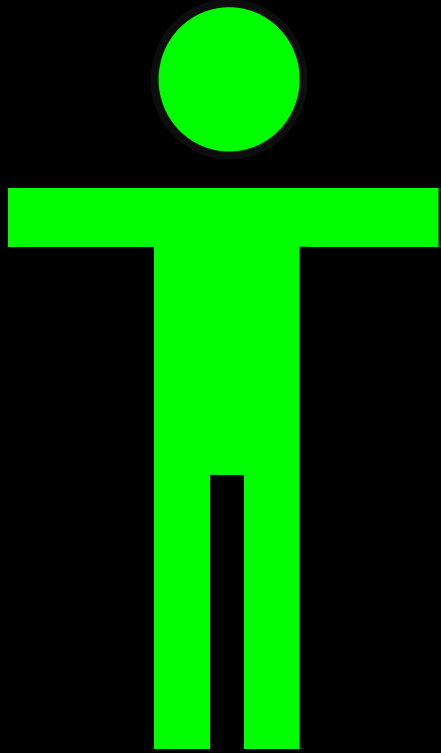
Date*:

Time*:

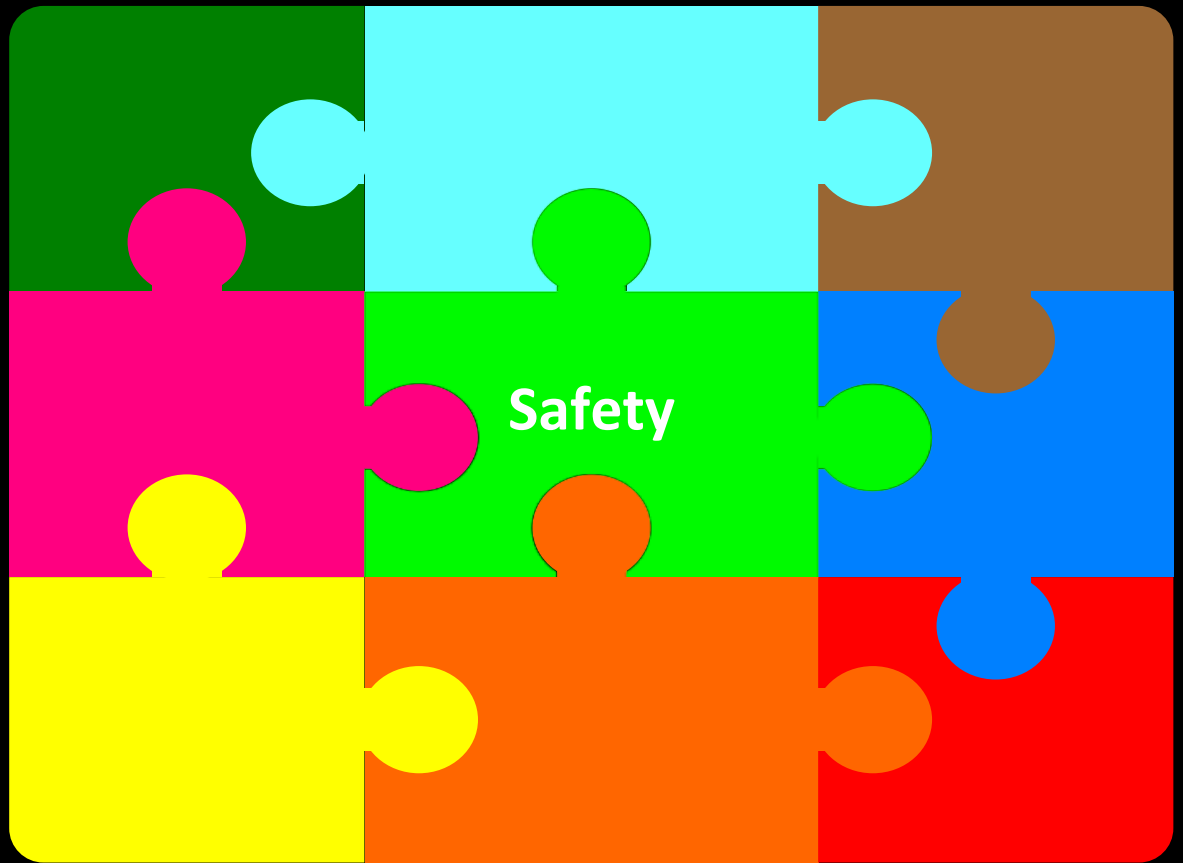
Where

On CERN site*:

Details about the location*:



you



Occupational Accidents

Accidents professionnel

Falls

Chutes

Handling

Manutention

Hits & false move

Hurts & mouvements

Road traffic

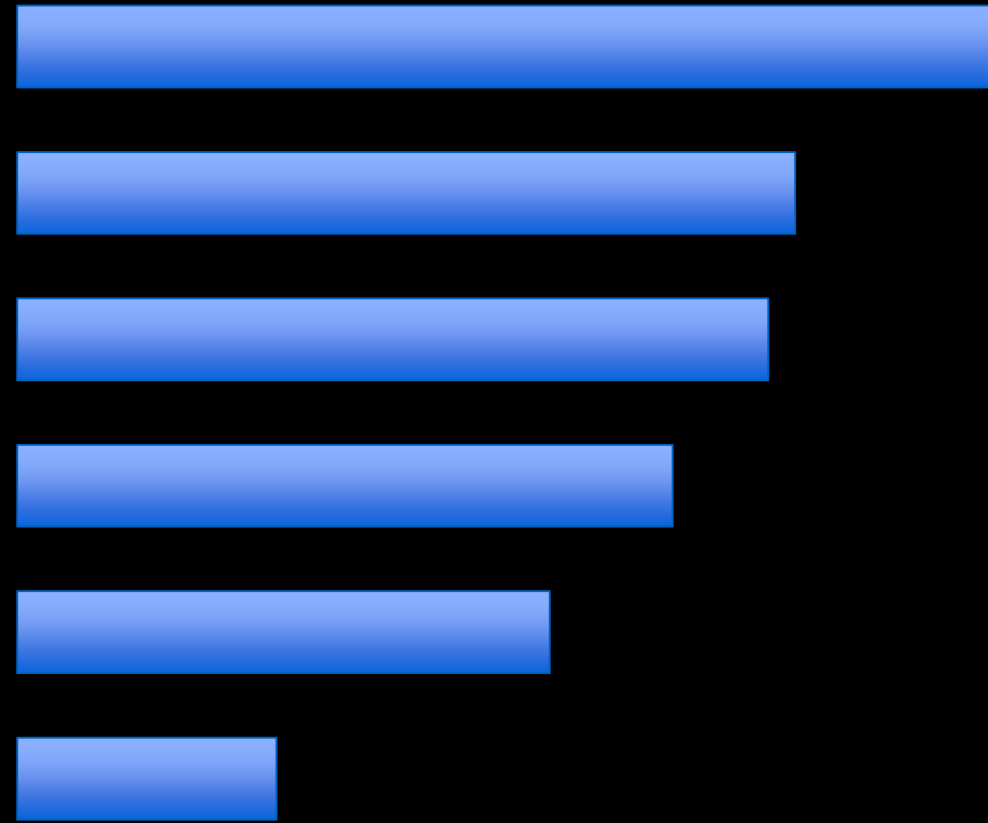
Circulation routière

Tools

Outils

Others

Autres



0 10 20 30 40 50 60 70 per year
par année



www.cern.ch

Questions?

Questions?

More Information

Plus d'information

The screenshot shows the CERN Directory website. The browser address bar displays 'directory.web.cern.ch/directory/'. The page header includes 'CERN Accelerating science' and navigation links for 'Sign in' and 'Directory'. A search bar is present with a 'Phonebook' dropdown and a 'Search' button. A 'USEFUL CONTACTS' sidebar lists: Emergencies (74444), Computer security (70500), CERN service portal (77777), and Switchboard (111). The main content is divided into 'Departments, groups and units' and 'Training and development'. In the 'Departments, groups and units' section, 'HSE - Occupational health and safety and environmental protection unit' is circled in orange. In the 'Training and development' section, 'Safety Training' is circled in orange. A 'JUMP TO SECTION' sidebar on the right lists various categories like 'Departments, groups and units', 'Experiments and projects', 'Applications', 'Admin and procedures', 'Maps and access', 'News and events', 'Accelerators and physics', 'Documents, reports and publications', 'Committees and council', 'Working at CERN', and 'Life at CERN'.

Directory | CERN

directory.web.cern.ch/directory/

Sign in Directory

Search CERN resource

The CERN Directory

Search for what you need, or browse CERN websites. Looking for the [Scientists](#) or [CERN people](#) sections, or just curious about CERN?

Phonebook Phonebook search Search

Departments, groups and units

CERN's departments

- BE - Beams
- EN - Engineering
- FP - Finance, procurement and knowledge transfer
- GS - General infrastructure services
- HR - Human resources
- IT - Information technology
- PH - Physics
- TE - Technology
- TH - Theory Unit
- DGU - Director-General unit
- EU projects office
- HSE - Occupational health and safety and environmental protection unit**
- SRO - Stakeholder relations office
- The structure of CERN

Training and development

Schools, training and development

- Academic training lectures: Regular programme
- Academic training lectures for postgraduate students
- Academic training lecture videos
- CERN accelerator school (CAS)
- CERN school of computing (CSC)
- European schools of high-energy physics
- HR learning and development
- Latin-American schools of high-energy physics
- Safety Training**
- Summer students programme

JUMP TO SECTION

- Departments, groups and units
- Experiments and projects
- Applications
- Admin and procedures
- Maps and access
- News and events
- Accelerators and physics
- Documents, reports and publications
- Committees and council
- Working at CERN
- Life at CERN

