

ESO-Safety Instruction for long-term Contractors (Restricted Areas)

Done by _____ on _____

Instructed Person: _____ Company _____

I have been informed about the following risks at ESO Garching:**A) CO2 fire fighting facilities (Room 000, 000/1, 018):**

- Access control and working alone
- Risk of CO2
- Behaviour in case of lemon odour and fire alarm
- Reporting in case of an incident
- Doors must be always kept closed

B) Laser Devices at ESO (Room 035, 036, 038)

In-visible laser beam (Infrared Laser) may lead to physically harm.

- Access control, Warning sign „Laser“, Access mechanism
- No access without written permit (Mr. Hackenberg, Mr. Bonaccini, Mr. Buzzoni)

C) Radioactive Material (storage in room 054 a)

- Visible by sign at door
- No access without written permit (Mr. Deiries)

D) Clean-Room (054)

- No access without written permit (Mr. Deiries)

E) Liquid nitrogen (Cryo-dewar) is used in basement.

- May harm skin, eyes, etc.

F) Assembly Hall - Integration Hall (039)/ Workshop (058)

- No access without written permit (Mr. Lizon)

G) Storage Hall

- No access without written permit (Mr. Block)
- Working alone at the storage hall is a risk. The contractor must establish a procedure to cope with the “working-alone” risk. No permanent workplace at the Storage Hall.

H) Computer and Network cables/ other electronic devices/ electrical safety

- Cables must be properly fixed and protected against stumbling, etc.
- All electrical/ electronic equipment bought for ESO and used at ESO must bear a CE-mark or another recognized safety mark.
- No person shall undertake any work activity where technical knowledge or experience is needed to prevent electrical danger or injury, unless that person has technical knowledge or experience or is under such supervision as is necessary for the work duration.

I) Emergency Routes/ Fire Protection

- No obstacles must be stored or installed in emergency routes.
- No combustible material must be stored in emergency routes.
- Holes drilled in walls must be sealed.

This form must be stored at least for a duration of 5 years!

J) Safety Management

- The contractor must establish an own Safety Organization.
- The Contractor will appoint at least two voluntary First Aid assistants and two voluntary Floor Marshals prior to start up of the work at ESO Property and will immediately provide the names to the ESO Safety Manager in writing.
- The contractor provides the name and contact address of the company's Safety Officer to the ESO Safety Manager prior to start of work.

K) Storage Room for Hazardous Material (039a)

- No access without written permit (Mr. Böcker)

The following areas/ rooms have been visited:

CO2 Fire Protection 000, 000/1, 018 (Computer-room, Plate-room); ESO-Laser-Lab 035, 036, 038; N2-labs 071, 053 and Integration Hall; Clean-Room 054; Assembly/ Integration hall (039) und ESO Workshop (058); Storage Hall.

Since ESO is a research facility the above mentioned risks and hazards may vary throughout the building.

I understand the information provided and know that the company _____ must indoctrinate their staff according to the hazards and risks at ESO. All staff must read and understand the following ESO safety documentation:

- ESO-Safety Manual (SAF-POL-ESO-00000-0001),
- Fire Protection and Emergency Rules (SAF-POL-ESO-00000-1000),
- Rules on the Use of the Parking Place (SAF-POL-ESO-00000-1500),
- Information for Contractors (SAF-PRO-ESO-00000-1000).

Person responsible for the contractor at ESO
Unterschrift/Datum

ESO Contractor Contact Person
Unterschrift/Datum

ESO Site Safety Engineer
Unterschrift/Datum