

## Working / walking on a roof

### Design Specifications

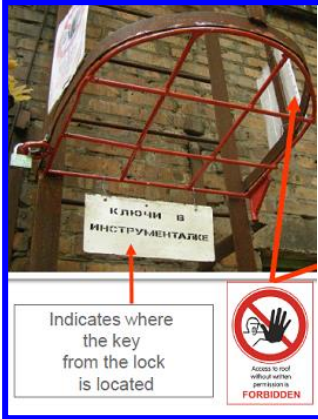
Nobody is allowed to walk or work on a roof without an authorization.

- For walking on a roof (visits, inspections,...etc), you have to be trained and the way to follow has to be defined, secured and protected on the basis of a HIRA
- For working on a roof, you have to follow the procedure defined by a HIRA

Each access to a roof has to be closed with a tag describing the interdiction

The way of walking/ working on a roof has to be secured;

- Firstly, by using collective protection to avoid collapsing of the roof (complete floors resting on beams) and avoid falling due to the hazards coming from the elevated position (guardrails, toe-boards, hand rails, man hole cover).
- If it is not possible, you can use safety nets under the roof (Collapsing) or on the extremity of the roof (Falling from elevated position).
- If it is not possible, you can use beam lifts or a basket suspended by a crane. In these two cases, you have to wear proper fall protective equipment and in the second case (Basket), you have to define a lift plan.
- If it is not possible, you have to be secured by proper fall protective equipment (an approved full body harness, shock absorbing lanyard (where the potential to fall is greater than 4 meters) or short restraining lanyards (where the potential to fall is less than 4 meters), self-locking snap hooks (or carabineer type rings) and secure anchorage points). A second way is to use an approved full body harness and an anti-fall system.



### Safety Work Instructions

A HIRA has to be done in all the cases.

The work procedure has to be perfectly respected (Never go out the defined and secured work place).

People must be trained on how and where to step on and on what they should not do, ... etc.














































### Safety Checks

There is a system for ensuring that Fall Protection equipment and material is tested and certified for use, inspected by the user before use, and destroyed after a fall or a negative inspection.

### Main risks:

- Collapsing and falling

## Required checklist

- 


**Is the access to the roof well locked and tagged?**
- 


**Is there a written procedure and a permit to enter the roof?**
- 


**Have people on the roof respected this procedure?**
- 


**Have people a safety operational procedure describing the safe zones, the operations to carry out, the rules to be respected?**
- 


**Is the risk of collapsing taken into account?**
- 


**Is the risk of taking a short-cut known and managed?**
- 


**Is the risk of falling taken into account?**
- 


**Is each worker aware of the risks and the way of working?**
- 


**Has the material been checked before using?**
- 


**Have people been trained for using the material?**
- 


**Is each worker fit and able for this work (Vertigo,..)?**
- 


**Has a safety net been used ?**
- 


**Are people using proper harness and lanyard ?**
- 


**Have the fixing points been engineered ?**
- 


**Are people permanently attached to the fixing points ?**

**This document has to be used as a help before starting the work or performing a SFA**