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[raw translation]

OCCUPATIONAL SAFETY RISK ASSESSMENT

Chapter 2 Work environment study

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WORKING ENVIRONMENTAL INVESTIGATION

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Number of employees concerned (persons)		I : 4	II : 0	III : 0	IV : 0-50
Hazard / risk identifier	Hazard / risk	Does not apply to	Appropriate	Inadequate	Comment
I. Examination of documentation					
1.	Measurement of air pollutants emitted (if any).	x			
2.	Measurement of water pollution emitted (if any).	x			
3.	Measurement of the noise emitted (if any).	x			
4.	The facility has a Rescue Plan (e.g., a Fire Alert Plan that also applies to other emergency events).	x			
5.	Does the facility have occupational safety regulations or does it operate MEBIR.	x			
6.	The facility has fire regulations.	x			
7.	The facility has electrical documentation (route plans, power drawings, etc.)	x			

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8.	The facility has a valid Touch Protection Certification Document.	x			
9.	The facility has a valid Fire Protection Standards Certification Document.	x			
10.	The facility has a valid Lightning Protection Certification Document.	x			
11.	They shall have documentation of the elimination of the errors detected by the measurements referred to in the previous three points.	x			
12.	Do fire extinguishers have a record?	x			
13.	Do they have a preventive maintenance plan written for emergency exits	x			
14.	Do they have a preventive maintenance plan written for escape lights	x			
II. Stability and strength					
1.	Buildings accommodating workplaces meet the requirements of the nature of their use, strength and durability.		x		
III. Escape routes and emergency exits					
1.	Sliding, revolving doors and power-operated doors may not be used as emergency doors			x	The quality and design of the emergency door at the site of the activity is not guaranteed.

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2.	Roads leading to emergency exits lead to a free, safe area.			x	There is no guarantee that roads leading to emergency exits at the site of the activity will lead to a free, safe area.
3.	The number, size and distribution of emergency exits correspond to the number of users and the nature of the workplace.			x	The number of emergency exits at the activity site is not guaranteed.
4.	Emergency exits can be opened in the direction of escape and cannot be closed.			x	It is not guaranteed that the emergency exits can be opened or closed in the direction of escape.
5.	Emergency exits are properly and visibly marked.			x	There is no guarantee that emergency exits at the site of the activity are properly and visibly marked.
6.	Emergency and emergency lighting of emergency exits and escape routes.			x	There is no guarantee that emergency lighting at the site of the activity will be adequate.
ARC. Fire alarm and extinguishing					
1.	The fire extinguishers installed correspond to the physical and chemical properties of the materials, the number of occupants and the size of the workplaces.	x			
2.	Fire extinguishers are easily accessible.	x			
3.	Visible marking of firefighting equipment and devices has been solved.	x			
4.	Fire extinguishers are inspected and inspected at the prescribed intervals.	x			
5.	The door of the wall fire hydrants was sealed	x			

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6.	Is there a periodic test or review of the automatic fire extinguishers	x			
7.	Uniform labeling of all manual call points	x			
8.	Are they properly designed for fire resistance: boundary walls, roof structure (s), floor, gates and door?	x			
9.	Do they have a spare fire water supply?	x			
10.	The workplace and storage space were provided with an appropriate: automatic fire alarm, alarm system? (if necessary)	x			
V. Workplace waste management:					
1.	Separate collection and storage of waste (non-hazardous, communal).			x	Non-hazardous and municipal waste may be generated in the work area during the activity.
2.	Treatment of hazardous waste and industrial effluents.			x	Hazardous waste may be generated in the work area during the activity.
3.	Collection and treatment of non-hazardous decomposing odorous production wastes containing organic matter.	x			
VI. Ventilation and temperature of enclosed workplaces:					
1.	Measurement results certifying the appropriate quantity and quality of workplace air are available.			x	The right amount and quality of air in the workplace is not guaranteed.

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2.	Adequate amount of unpolluted air is provided in the workplaces, taking into account the work going on there, the number of workers.			x	Gasification against pests releases substances harmful to health into the workplace air.
3.	In the case of artificial ventilation, a control system indicates a fault in the equipment.			x	The automatic ventilation system can inhibit or reduce the efficiency of disinfection and pest control, it ventilates the active ingredient in an undesirable place.
The draft caused by the ventilation or air-conditioning equipment shall not exceed:					
4.	- 0.1m / sec food for sitting mental work and light physical work.	x			
5.	- 0.2 m / sec for light physical work with displacement.	x			
6.	- 1.0 m / sec for moderately heavy physical work in a hot workplace with a heat above 24 ° C (K) EH.	x			
7.	Deposition or contamination of ventilation and air conditioning equipment does not pollute the air in the work area.	x			
8.	The temperature of the work room is appropriate for the activity taking place there.	x			
9.	If the room temperature exceeds 24 ° C (K) EH, a break of at least 10 minutes per hour is provided in cold workplaces.		x		

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10.	Windows, skylights and glass walls are protected from strong sunlight.	x			
11.	Temperatures for rest, health, dining, service and staff areas.	x			
12.	Design and placement of radiators.	x			
VII. Natural and artificial lighting of rooms:					
1.	Nominal lighting value adapted to the work in the room.			x	Adequate lighting in the workspace is not guaranteed.
2.	Nominal exposure value for local work.			x	See point above.
	The lighting of the workplace, taking into account its purpose and the activity taking place there, meets the following requirements:				
3.	- Color temperature.	x			
4.	- Color rendering ratio.	x			
5.	- Degree of glare.	x			
6.	- Protection against stroboscopic effects.	x			
7.	The cleanability and maintainability of the artificial lighting equipment is guaranteed without danger.	x			
8.	In case of hazardous activity, emergency lighting in case of power failure.			x	It is not possible to leave the area safely in an enclosed space, in a poorly lit room, in the event of a power failure.
9.	Emergency lighting is sufficient to leave workplaces safely in the absence of artificial lighting.	x			

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10.	Regular inspection of artificial artificial lighting.	x			
VIII. Floor, walls, ceiling, roof of rooms:					
1.	Flooring (fixed, solid, non-slip, without dangerous protrusions, depressions, slopes, drainage of any liquids).			x	The floor of the work area is not guaranteed to trip or slip.
2.	The floor and walls of the room can be properly cleaned, taking into account the activity taking place there.			x	The cleanliness of the work area floor is not guaranteed.
3.	The room is adequately insulated considering the activity taking place there.			x	It is not guaranteed that the rooms are properly insulated, there may be cracks or openings.
4.	Transparent or translucent walls (conspicuous signage, safe design, fencing, access and prevention of burglary damage in this pavement).	x			
5.	Access to light-duty roof structures is prevented by sufficiently secure equipment.	x			
IX. Windows and skylights:					
For windows and skylights:					
1.	- Openness, closability.			x	It is not guaranteed that the windows can be closed properly.
2.	- Adjustable and lockable when open.	x			

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3.	- No danger when open.	x			
4.	- Safe cleaning.	x			
5.	Weather protection of windows (cut-outs, burglary, crashes)	x			

X. Doors and gates:

1.	The location, number and size of doors and gates are material, taking into account the activity taking place there.			x	The small number and size of doors and gates slow down the intensity of ventilation after gasification.
2.	Marking of transparent doors at eye level.	x			
3.	Swing doors and gates made of transparent material or with a transparent insert at eye level.	x			
4.	The transparent insert of the swing doors is protected against safety glass or breakage.	x			
5.	Manual operation of power-operated gates is provided.			x	Manual operation of power-operated gates is not guaranteed.
6.	There is a passage suitable for safe passenger traffic next to the gates, which are mainly intended for vehicular traffic.	x			
7.	Weather protection of doors (fixability, cut-out, burglary, fall)			x	Doors and gates cannot be locked in an open or closed state.

XI. Traffic routes:

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1.	Traffic routes - including stairs, ladders, ramps - are well-proportioned, taking into account the needs of pedestrians and vehicles.	x			
2.	Sizing of pedestrian and freight roads.	x			
3.	Traffic routes are protected from falling objects.	x			
4.	There is no risk of falling or falling on traffic routes.	x			
5.	Delimitation of hazardous areas (worker crash, work equipment or object falling) or other technical solution for access by unauthorized persons.			x	Preventing access by unauthorized persons is not guaranteed.
6.	Protection of workers authorized to enter dangerous areas.			x	Protecting the access of authorized persons is not guaranteed.
7.	Is it necessary to approach the work site in an enclosed space (for measurements, staging) (for non-boarding work)	x			
Sufficient free space must be provided between vehicular routes and between doors, gates, walkways, corridors and stairs. Accordingly:					

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8.	In the case of vehicles with a built-in power unit or a fixed track, a safety distance of 0.50 m on each side between the free section required for the vehicle and the boundary of the traffic route.	x			
9.	The traffic routes of vehicles and means of transport with a built-in power plant run at least 1.00 m from doors, gates, passageways and stair exits.	x			
10.	Marking of traffic routes.	x			
11.	Properly slip yard traffic areas (frost, oil, lubricants)	x			

XII. Loaders, ramps:

1.	Loaders and ramps correspond to the size of the load to be transported.	x			
2.	The loader is equipped with a sufficient number of outlets and expires (they are expired at both ends longer than 20 m).	x			
3.	Protection against falling from the loader (eg chain guard, railing).	x			
4.	Mark the edge.	x			

XIII. Room size, air space:

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1.	The floor area, ceiling height and air space of the rooms are sufficient, taking into account the number of people required for the work and the activity taking place there.		X		
2.	There is enough free space for the employee at the place of work.		X		
3.	Providing a seat for the worker to work at (or near) the workplace, provided that the work can be performed in part or in full while sitting.		X		
XIV. Resting places:					
1.	Floor area (min. 6 m2, 1 m2 / person).	X			
2.	Design (clean air, adequate lighting, appropriate temperature, easily accessible).	X			
3.	Equipment (table, chair, etc.).	X			
4.	Non-smoking areas are protected in the lounge.	X			
XV. Pregnant women and nursing mothers:					
1.	Resting place with bed (if necessary).	X			
XVI. Changing rooms:					

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1.	Design of changing rooms (if they have to wear separate work clothes, protective clothing; separate for women and men, or separate use).			x	For pest control, street clothing may need to be replaced with protective clothing.
2.	The dressing room is easily accessible, of a suitable size (min. 0.50 m2 and at least 6 m2 per dressing room), with seating.	x			
3.	Employees can lock their street clothes and valuables (drawer lock in the case of a hanging locker room).	x			
4.	In the case of work in the presence of hazardous substances or in wet or dirty working conditions, a separate locker room in addition to the lockers where workers keep their street clothes.	x			
XVII. Toilets and restrooms:					
1.	Design of washbasins and showers (separate for women and men and separate use).	x			
2.	If washrooms are not needed, running water is possible.			x	Running hand washing at the place of work is not guaranteed.
3.	Direct passage between washbasins and changing rooms.	x			

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XVIII. First aid places:

1.	Adequate first aid space is provided at or near the workplace.			x	The existence of a first aid station and equipment at the place of work is not guaranteed.
2.	Quick availability of first aid equipment.			x	See point 1 of this chapter.
3.	Placement and replacement of suitable devices.			x	See point 1 of this chapter.
4.	Visible marking of first aid stations.	x			
5.	First-aiders use rubber gloves in case of injury to avoid the risk of infection.		x		

XIX. Workplaces for disabled workers:

1.	Design of workplaces for the disabled (designs, markings).	x			
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XX. Outdoor workplaces:

1.	Protection (weather, noise, falling objects, steam, steam, dust, slipping, falling).		x		
2.	It is regulated in what weather they can work outdoors.		x		
3.	Adequate artificial lighting.		x		
4.	Possibility to leave the job quickly, possibility to ask for help.		x		

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5.	Design of traffic routes.		x		
XXI. Drinking water supply at work:					
1.	Workplaces have an adequate supply of drinking water (in case of lack of piped drinking water, a drinking water tank).			x	There is no guarantee that there is a supply of drinking water at the place of work.
2.	When using industrial water, the taps are marked "drinking water", "non-drinking water".	x			
XXII. Protection against noise and vibration at work:					
1.	Noise load (compared to limit values, based on measurement results).	x			
2.	Individual protection in case of exceeding the permissible noise level.	x			
3.	Distinction between noisy and less noisy workplaces.	x			
4.	Vibration load (relative to limit values, based on measurement results).	x			
5.	In the case of occupational vibration exposure exceeding the permissible values, the vibration load has been reduced below the permissible value by technical solutions.	x			
XXIII. Other inscriptions, colors and shapes:					
1.	Function designation of each room.	x			

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2.	Designation of smoking areas, placement of no-smoking signs.	x			
3.	Maximum load capacity of shelves and racks.	x			
4.	Indication of emergency telephone numbers (ambulances, fire brigade, police).	x			
5.	Hazard pictograms and symbols (scalding, slipping, tripping, hazardous activities and machines, etc.).			x	With pest control, work areas can become dangerous.
6.	Signs prohibiting unauthorized residence, inscriptions.			x	Unauthorized persons may enter dangerous areas.
7.	Other inscriptions, color and shape marks.	x			
XXIV. Externally identifiable hazards					
1.	If harmful external noise sources are operating nearby, their effect can be felt.	x			
2.	Whether harmful external air pollution sources are operating nearby, their effects can be felt.	x			
3.	In case of fire, combustible materials are at a sufficient distance from the outside areas.	x			
4.	Are the hazardous areas demarcated by means that ensure that unauthorized persons cannot enter it?			x	See XI / 5. points.
5.	Aliens are prevented from entering			x	See XI / 5. points.

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6.	Visitors are provided with adequate information on occupational safety, fire protection, and emergencies.		x		
XXV. Other provisions:					
1.	Work on the top of the vehicle must only be carried out if fall protection is provided and there is no live electrical line or equipment above the vehicle in dangerous vicinity.	x			
2.	Adequacy of temporary jobs	x			
3.	When operating material handling equipment with an internal combustion engine in an enclosed space, the air pollution does not exceed the limit value specified in the relevant standard.	x			
4.	Storage order			x	Unauthorized persons may have access to writing and dispensing agents deposited in the work area for use.
5.	Storage mode			x	See point above.