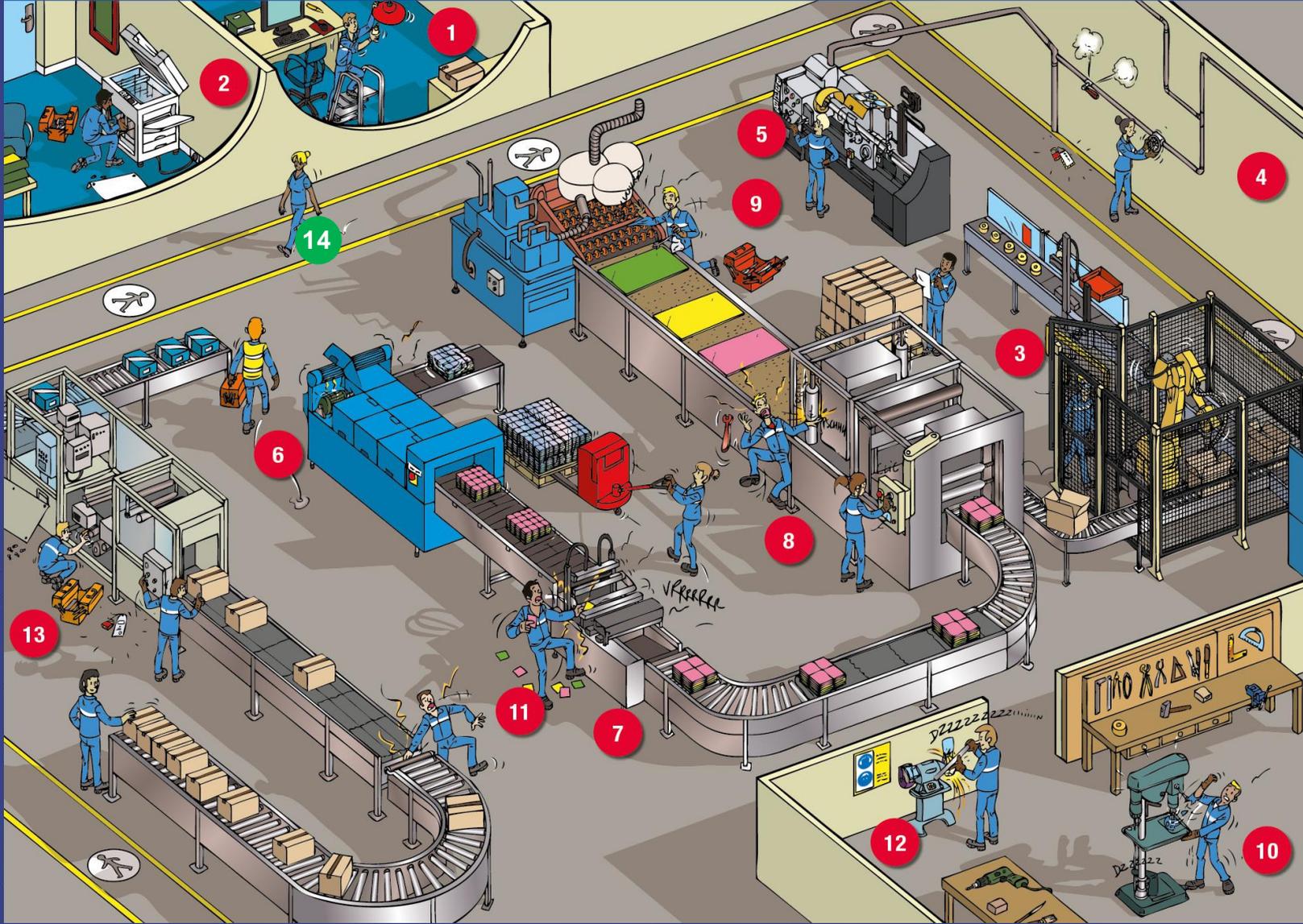


Trouvez les 13 situations dangereuses - Find the 13 hazardous situations



No.	Topics	Risk situations and management methods	No.	Topics	Risk situations and management methods		
1	Isolation - Golden rule no. 7	The risks: the operator is replacing a light bulb without shutting off the power first.	8	Specific authorization/Isolation - Golden rule no. 7	The risks: an operator wants to work on a cylinder that is stuck. His colleague switches on the machine to activate the cylinder when the operator’s hand is still in the maneuver zone. The operator’s hand is crushed.		
		Prevention measures: always isolate the associated circuit breaker before performing this operation.			Preventive measures: always communicate. The machine must be isolated or the operator must be trained and authorized to run an intervention on a non-isolated machine. Signage must be displayed and the equipment secured.		
2	Isolation - Golden rule no. 7	The risks: the operator is repairing the printer while it is still switched on. The risk is that he could get a finger trapped in the paper feed system.			9	Specific authorization/Isolation - Golden rule no. 7	The risks: when cleaning a product spraying nozzle on an operating machine, an operator gets his sleeve caught in one of the moving rollers.
		Prevention measures: always unplug the printer before performing any maintenance operations.					Prevention measures: The machine must be isolated or the operator must be trained and authorized to run an intervention on a non-isolated machine. Signage must be displayed and the equipment secured.
3	Machine Safety	The risks: the operator is in a hazardous area where a moving robot is present. Opening the door did not trigger shutdown of the robot.	10	Isolation - Golden rule no. 7	The risks: a technician was cleaning filings from the pillar drill platform, when the drill bit was still rotating. His glove got caught in the machine and he had to wrench it out quickly to free himself.		
		Prevention measures: check safety devices on a regular basis. Do not enter hazardous areas where equipment is in motion.			Prevention measures: shut down and isolate the equipment before cleaning it.		
4	Isolation - Golden rule no. 7	The risks: the operator is working on a fluid pipeline without having isolated it first.	11	Specific authorization/Isolation - Golden rule no. 7	The risks: an operator got his hand caught between the conveyor belt and the first cylinder of the stainless steel roller, while trying to remove a product that had fallen on the operating conveyor belt. He had to slow the belt down using his free hand so that he could free up the hand that was trapped.		
		Prevention measures: always isolate before disassembling a fluid pipeline.			Prevention measures: The operator is not authorized to perform this operation, he must not intervene and should ask for help.		
5	Machine Safety	The risks: an operator is working on a cutting machine. The protective hood is open even though the machine is in operation.	12	Golden rule no. 4: PPE & Golden rule no. 7: Work on powered systems	The risks: the operator is working on a grinder without having installed the protector and he is not wearing safety goggles. There is a risk of him receiving particles in his eyes. He is also wearing gloves, so there is a risk of entrainment.		
		Prevention measures: in the event of an anomaly, run maintenance on the machine to make sure that the hood safety device is working properly (if the hood is open, the machine does not start).			Prevention measures: use the correct PPE defined after the risk assessment.		
6	Machine Safety	The risks: a maintenance operator performed work on a conveyor belt and removed the protective hood from the conveyor entrainment system (motor + gearwheels) but did not replace it when he had finished. The operator working close by risks being injured.	13	Isolation - Golden rule no. 7	The risks: a person is performing maintenance on a machine without electrically isolating it (no lock or tag). There is a risk that s/he might get his/her hands trapped in the machine.		
		Prevention measures: always replace any protective elements that have been removed for a maintenance operation.			Prevention measures: always perform lock out and tag out to isolate the machine before performing maintenance or repair work on it.		
7	Specific authorization/Isolation - Golden rule no. 7	The risks: an operator traps his finger when trying to remove objects blocked in a machine.	14	Protective Equipment – Golden rule no. 4	PPE reminder: Hazard hunt item 14 highlights risks associated with not wearing proper PPE.		
		Prevention measures: before tackling a machine blockage, make sure you are safe. Pause and run a last-minute check. The operator must be trained and authorized to run an intervention on a non-isolated machine.			Prevention measures: Wearing of personal protective equipment Helmet, Gloves, Glasses, Clothing covering etc...		