



Safety for Safe Learning Course

Instructions

Watch this [Safety Walk video](#) (9:55) and then answer the questions below. After you have answered all the questions correctly, you will do a safety walk with your teacher and make sure that you have understood all the important safety issues and are ready to work safely in the workshops. There is a possibility to give feedback in Moodle in the end of the course.

Answer these questions:

1. When the fire alarm rings, you should leave the property...
 - a) as hastily as possible.
 - b) calmly through the nearest and/or safest exit.
 - c) only when the teacher instructs to do so.
 - d) when the school day is over, and the premises have been cleaned.
2. When using a fire hose for initial extinguishing...
 - a) the cabinet should be thoroughly checked before use.
 - b) the valve should never be opened!
 - c) it is good to pull the hose straight before opening the water valve.
 - d) first ensure if there are other extinguishing equipment available in immediate vicinity.
3. When using a hand fire extinguisher...
 - a) the hose end should be aimed at the base of the flames.
 - b) initial extinguishing can be done safely from the middle of the flames.
 - c) the pin must never be removed!
 - d) remember that only trained Sedu personnel may use the fire extinguisher!
4. A defibrillator is used...
 - a) when the person is lifeless (not breathing, and the pulse cannot be felt).
 - b) only in the presence of a teacher!
 - c) when it's necessary to ensure the heart function of an unconscious patient.
 - d) only if a person has received two weeks of training in its use.



5. Cardiopulmonary resuscitation (CPR)...

- a) is a procedure allowed only for officials
- b) is only started upon a separate order from the teacher.
- c) is not necessary if the person is lifeless.
- d) should be started immediately upon confirming that a person is lifeless (30 chest compressions and 2 rescue breaths).

6. The fire button is pressed...

- a) when a fire is detected in the premises and initial firefighting is not sufficient.
- b) when you can see smoke coming from welding.
- c) only if the teacher tells you to!
- d) when there is a smell of welding in the workshop.

7. General safety instructions...

- a) can only be found in the teachers' rooms.
- b) can be found in all premises and it is advisable to familiarize yourself with them.
- c) are meant only for staff.
- d) are intended for rescue authorities.

8. First aid supplies....

- a) can be found in almost all premises and can be used whenever necessary.
- b) may only be used by individuals who have received first aid training.
- c) may not be used without the permission of the staff.
- d) may only be used under the supervision of a rescue authority

9. Eyewash can be used to....

- a) wash dirty hands.
- b) spray as needed into the environment.
- c) be used only in connection with a procedure performed by the staff.
- d) be used, for example, to remove chemicals from the eye.

10. Emergency stop buttons

- a) are installed for staff use only.
- b) cut off the power supply to either the work machine or the room.
- c) cut off the power supply to the entire campus.
- d) are intended only for the unit's safety management.



11. In the workshop, you should....

- a) use your own clothes unless instructed otherwise by the teacher.
- b) always wear safety glasses and other appropriate protective equipment.
- c) use the protective equipment you happen to have with you.
- d) be, in accordance with the principle of least harm, without protective equipment, whenever possible.

12. Carbon dioxide fire extinguisher...

- a) is only available for staff use.
- b) does not work for extinguishing electrical fires.
- c) is filled with liquid extinguishing foam and is therefore suitable for extinguishing electrical fires.
- d) is the best fire extinguisher for putting out electrical fires.

13. Emergency shower...

- a) can be used, for example, when chemicals have splashed onto you. Take a shower with your clothes on!
- b) can be used if you have been working and your clothes have become dirty.
- c) can only be used with the permission of the staff!
- d) is used only when there are no other individuals in the room to ensure privacy.

14. In front of the initial fire extinguishing equipment and evacuation routes...

- a) nothing should be placed!
- b) items that do not fit elsewhere can be stored.
- c) with the teacher's permission, extra items with no better storage place can be placed.
- d) it's a good idea to place trash cans so that the trash doesn't end up on the floor.

15. An extinguishing blanket...

- a) may only be used under the supervision of a teacher.
- b) may only be used by staff members.
- c) is used to extinguish a fire by placing the spread-out blanket over the burning object.
- d) is used only by the fire department or in special situations under their supervision.



16. When there is a load lifted in the crane...

- a) the person operating the crane is best advised to stand directly under the lifted objects to get the best view of the lifting height.
- b) the person operating the crane never needs to consider other people in the same space.
- c) no one should ever go underneath it! Additionally, the person operating the crane must ensure that no one else is ever under the load.
- d) it's safe to take a coffee or lunch break without worry.

17. In the grinding room...

- a) separate protective equipment is not necessary.
- b) only protective equipment instructed by the staff is used!
- c) you can use the protective equipment you have found useful.
- d) you must always use ear protection and other appropriate protective clothing and equipment!

18. What is the difference between machine-specific and area emergency stop button?

- a) Students don't need to know, it can be asked from the teacher when necessary.
- b) A machine-specific emergency stop button cuts off the power circuit of that specific machine, whereas an area emergency stop button cuts off the power supply to the area or the entire workshop.
- c) A machine-specific emergency stop button cuts off the power to all similar machines, and an area emergency stop button only cuts off the power to a specific machine.
- d) They are no different. Pressing either button will cut off power from all areas at the same time.



Video subtitles in English for possible translations

- I'm Mirella Sepänmaa
- and I'm Veeti Parvi.
- Welcome to M-building.
- Let's go inside for a safety walk.
- Hey Veeti, what's this?
- It's an evacuation sign, and we have them all around the building.
- By following these signs, we can safely exit the school in case of an emergency.
- And when there is an evacuation, let's do it slowly and calmly.
- Our assembly point is in the parking lot over there.
- Here is our lobby and student lounge.
- In the lobby, we have things like a basketball game, a pool table, and a ping pong table.
- Hey Veeti, let's go check where our fire-fighting equipment is.
- Let's go!
- In this closet you find a fire hose. To use it, first pull it straight and then open the valve from the cabinet.
- Here we have a fire extinguisher, that is used by first removing the pin, grabbing the hose, aiming it at the base of the flames, and then pressing the red handle to release the powder.
- Avoid emptying it unnecessarily, as it can lead to serious consequences.
- Here we have a defibrillator, used in cases of heart attacks.
- Remember to perform CPR along with defibrillation - 30 chest compressions and 2 breaths. The quickest person should fetch the defibrillator, which is located in front of the sheet metal hall door. Also, remember to inform the emergency services that we have one in use.
- There are usage instructions inside the cabinet, but the defibrillator will also provide instructions during use.
- Do not touch it unnecessarily, as it will trigger an alarm.
- Next to our guidance counselor's door, we have an emergency exit. We have these throughout the building.
- Here is the fire alarm button. Use it only in case of a real fire when the initial firefighting equipment doesn't work anymore.
- When you hear the fire alarm, move to the assembly point by using the nearest and/or safest exit route.
- Here is the teacher's lounge for the sheet metalworkers.
- Now, let's go and take a look at the machine installation classroom.



- We're back in the lobby. Social facilities are located upstairs and downstairs.
- Now, let's continue to the machine installation classroom.
- From here, we have the machine installation teacher's room.
- Here we have classrooms for pneumatic and hydraulic installations, and up there a computer classroom.
- Here are the general safety instructions. It's a good idea to read these, and you can find them in every room.
- Here is our first aid kit. It contains supplies for basic first aid, including bandages, dressings, and eye rinse, which can be used to remove chemicals from the eye. You'll learn how to use these in the first aid course.
- Here we have an emergency stop button, which cuts off the power supply for this entire machine installation room. Do not press it without good reason.
- Veeti, remember to always wear safety goggles when entering the workshop!
- Oh, you are right.
- Here we have the electrical main center, next to which is a carbon dioxide fire extinguisher, used for electrical fires.
- Here we have an emergency shower. Use it if, for example you and/or your clothes are contaminated with chemicals. Come here immediately and wash off the chemicals with your clothes on.
- Here we also have a fire hose and a fire extinguisher. This trash can was left here as an example of not blocking access to firefighting equipment with anything.
- Here we have a fire blanket. This can be used if something catches fire. Just place it over the fire. You will also learn how to use this in the fire safety course.
- Remember, when using a crane or performing any other work, never stand underneath.
- Here we have a grinding room. In all the workshops here, it's recommended to use hearing protection, but here it's mandatory due to constant noise levels exceeding 100 decibels.
- We have an emergency exit, indicated by the emergency exit sign, and next to it is the fire alarm button.
- Mirella can explain the difference between the machine-specific emergency stop button and the one that cuts off power everywhere.
- The machine-specific emergency stop button shuts down the power circuit for that specific machine, while the one over there shuts down the entire hall's power circuit.
- Please do not press these buttons without a valid reason.
- Here are the rooms of our school's best teachers, the machinist teachers' room.
- I might have a different opinion on that, but this video of our safety walk gives you an idea of the safety measures we have here at Sedu. We have emergency exit routes, fire alarm buttons, and initial firefighting equipment spread throughout the premises, as well as first aid supplies. Mirella, do you have anything else to add?
- I don't think so, but we want to wish you a very good and safe learning experience here at Sedu!