



II. Fire Protection



1. Inflammable substances and explosives

- minimize the amount on your bench (allowed: 1 L at maximum)
- ***absolutely no storage of this substances in fridges or freezers***, which do not have a certain protection system
- 4 mL evaporated methanol or 7 mL acetone are enough to build and explosive gas mixture inside a fridge or freezer

2. Gas canisters



- must be fixed properly
- must be labeled at the lab door
- when out of use, they ***must*** be stored in a special room
- always close the main valve at the gas bottles after usage!

3. Electric equipment

- let experts repair electric equipment, ev. contact technical support

4. Emergency exits and escape routes



- inform yourself about escape routes (green signs): The main escape route is the staircase, the alternative routes are the emergency exits through the lab windows; emergency balconies lead to the escape staircase at the back of the building
- **keep escape routes and emergency exits free!** Cardboxes are not allowed to be stored at the exits or on these routes. Fire proof cupboards on the floors must be closed after use

5. Fire alarm

- alarm is active
- smoking is prohibited in the whole institute!



In case of fire:

- inform yourself about **fire extinguishers, -blankets, emergency showers, first aid cabinets** (first aid medicine, dressing material)!
- **Fire extinguisher: Try CO₂-extinguisher first**
- if you are not sure, whether you are able to extinguish a starting fire, put on the fire alarm
- if possible without danger for you: close doors and windows, switch **on** the lights, close gas valves, switch off the clima control
- in case of fire alarm (siren), **everybody** has to leave the building as fast as possible and collect in front of the ZBMZ, make sure that all of your colleagues have left the building!

Fire Brigade: 2000 from every telephone