



## SAFETY FLASH: ELECTRICITY

### GOOD PRACTICE

- ✔ Keep the electricity cabinet free from materials.
- ✔ Keep rubber mats in front of the electricity cabinets.
- ✔ Wear PPE (safety glasses, gloves, overall) when checking batteries and only use demineralized water.
- ✔ Only use of insulated tools.
- ✔ Use reliable materials, not cables with kinks etc.
- ✔ Regularly carry out optical checks of installation:  
Closed cabinets, fire tracks due to for example short-circuit, shielding against contact.
- ✔ Have the installation adjusted by a qualified person only.
- ✔ Take of the voltage before working on installations.
- ✔ Never just switch off a fuse. Check why this fuse is switched on/off.
- ✔ Use of permit-to-work and LOTO-method (Lock-out/Tag-out).



Electricity is always a potential danger, even without direct contact.



Always measure

### BAD PRACTICE

- ✘ No rubbermats in front of the electricity cabinets (conduction).
- ✘ Leaving the cupboard doors open.
- ✘ Cleaning electricity installations with water (liquid).
- ✘ Use of cable with bad connection (connector, twisted cable core).
- ✘ Filling batteries with plain water.
- ✘ Letting unqualified persons work on the installation.
- ✘ Working on the installation without measuring.

### ACTION QUESTIONS:

- What are the dangers of electricity?
- Which tools are suitable to use?
- What is the reason a fuse would switch off/melt? What do you have to do to switch the fuse back on again?