PLATFORM ZERO INCIDENTS

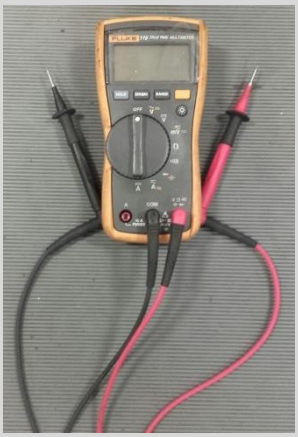
SF17-08

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
- Use reliable materials, not cables with kinks etc
- Regularly carry out optical checks of installation: Closed cabinets, burn patterns by for example short-circuit, protection against contact
- Have modification of the installation done by a qualified person
- Take of the pressure before working on installations
- Never just switch off a fuse. Check why this fuse is switched on/off

To measure is to know. Switch off the voltage and **always** measure the voltage of the installation before working on it.



Always measure

BAD PRACTICE

- No rubbermats in front of the electricity cabinets (conduction)
- 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:

- How are our installations shielded and protected against contact? Is this sufficient?
- What are the dangers of electricity?
- What is the reason a fuse would switch off/melt? What do you have to do to switch the fuse back on again?