

Working with electricity

1. Purpose

The purpose of these safety instructions is to ensure that, having read the instructions, the employee is aware of the risks associated with the described work activities and can perform them safely.

2. General

Electricity can be dangerous if you do not know what you are doing. Therefore only certain people are authorized to work with an installation. In offices we have 230 volt power, but in the workshop we need 400 volts.

3. Risks

- Short circuit. Arcing, sparking or ejection of parts that can injure you.
- Fire caused by short circuit
- Electrocution by grasping uninsulated parts
- Risk of explosion in spaces containing hazardous substances. The spark from a light switch can be all it takes

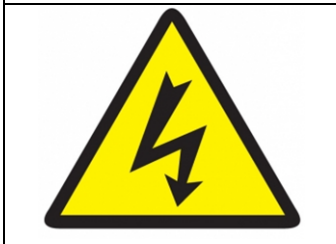
4. Measures

- Electrical systems and equipment must be safe. Approval in accordance with NEN-3140 and NEN-1010
- Never work on an electrically live system
- Work may only be performed by a properly trained, competent person
- All work is done in consultation with the VDL Steelweld works manager and installation manager
- Work with electricity only by certified personnel

5. Picture



6. Pictograms



7. Required PPE



- Always use double insulated hand tools
- Have all electrical tools and cables/reels inspected annually
- Repairs may only be carried out by the maintenance department
- Ensure personal safety through use of proper PPE, such as rubber soles on your work shoes.



- Never work on a system that has not been de-energized
- Never use defective or damaged tools
- Never use defective or damaged cables or reels
- Do not perform any repairs yourself
- Do not use electric tools or switches if you smell gas or you notice that vapours or gaseous substances are accumulating in a space.