

Charging a traction battery

1. Purpose

The purpose of this safety card is that the employee is aware of the risks associated with charging a traction battery after reading this work instruction card and that he can perform this in a safe manner.

2. General

The forklift truck is electrically powered by a traction battery. To continue using the forklift truck, the traction battery must be recharged.

3. Risks

- Explosion
- Leakage currents
- Formation of hydrogen during charging (explosion)
- Short circuit/electrocution
- Fire
- Burns from contact with battery acid

4. Measures

- Park the forklift truck in the right places.
- Turn the forklift truck off and put it on the handbrake.
- Check if the charging cable is not damaged.
- Wear PPE.
- Hang the cables back to the right place.
- Make sure there is good ventilation in the charging area.

5. Picture



6. Pictograms



7. Required PPE



- Check the cables before use
- Report existing defects to the manager
- Lock the cover of the battery properly so that it can't close (in open position)
- Check if the battery is clean and dry
- Place the battery charger in a well ventilated area
- Make sure the cables of the charger are always stored carefully
- Fill the battery only with demineralized water (demi water)



- Never disconnect the contact between the charger and battery without turning off the charger
- Never start the truck during charging the batteries
- Never pull on the cable when disconnecting the charger, pull only on the plug
- Never allow metal objects near the battery (this is to prevent short circuits)
- Never fill in demineralized water DURING LOADING and/or AT A WARM BATTERY

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HSE Coordinator

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