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## Safe use of stationary lead batteries

The production and the installation as well as the safe use of stationary lead batteries is ruled amongst others in the material specifications of the battery producers and the following international standard:

- EN 50272-2:2001 - Safety requirements for secondary batteries and battery installations - Part 2: Stationary batteries

The safe use of stationary lead batteries is guaranteed when these requirements are fulfilled. A further condition for the safe use is the appropriate handling of stationary lead batteries in compliance with the installation instructions and the operating instructions of the battery producers.

Of prime importance is the correct installation and cleaning of stationary lead batteries. The following measures must absolutely be pointed out:

- The cell plugs must not be removed or opened. It must keep the cells closed.
- Plastic parts of the battery, in particular the cell containers, must only be cleaned with water and/or with wet cleaning cloths without any cleaning agents. Sprays, chemicals and solvents are not allowed because the plastic parts of the battery can be damaged or destroyed.
- After cleaning, dry the battery surface with appropriate means, e.g. with compressed air or with damp antistatic-cleaning cloths (e. g. cotton).

**Conclusion: The safe use of stationary lead batteries is guaranteed when the material specifications of the battery producers and the international standard EN 50272-2-2001 as well as the installation and operating instructions for these batteries are fulfilled. There are no risks for assemblers and employees by appropriate installation and use of these batteries.**