



Ohio Administrative Code Rule 4123:1-5-21 Storage batteries.

Effective: September 1, 2023

- (A) Battery charging areas will be designated for that purpose.
- (B) Employees will be instructed that:
- (1) When charging batteries, acid will be poured into water; water will not be poured into acid;
 - (2) When charging batteries, make certain vent caps are functioning: keep vent caps in place to avoid electrolyte spray, and open covers to dissipate heat; and
 - (3) Smoking and open flames are not permitted.
- (C) In designated battery charging and changing areas the employer will:
- (1) Provide personal protective equipment as specified in rule 4123:1-5-17 of the Administrative Code;
 - (2) Provide fire protection;
 - (3) Provide protection to charging apparatus to prevent damage by trucks;
 - (4) Provide adequate ventilation for exhausting fumes;
 - (5) Provide racks, when needed for support, made of nonconductive materials with dielectric properties the equivalent of dry wood or made of other material coated or covered to achieve that objective;
 - (6) Provide material handling equipment, such as a conveyor, hoist, or similar equipment, for handling large batteries, such as those used in electrically powered industrial trucks;



(7) Provide a carboy filter or siphon for handling electrolyte;

(8) Provide "no smoking and "no open flames" signs .
