

BATTERY HANDLING



Company Name:	
Job Name:	
Date:	

Key Points

1. Battery handling on construction sites requires caution to prevent injuries and equipment damage.
2. Workers should wear proper PPE, including gloves and safety glasses, to protect against leaks and sparks.
3. Batteries must be stored upright in a dry, well-ventilated area away from flammable materials.
4. Improper handling can lead to chemical burns from battery acid exposure.
5. Heavy batteries should be lifted with proper technique or mechanical assistance to prevent strain injuries.
6. Short-circuiting risks increase when battery terminals are exposed or improperly connected.
7. Charging stations should be properly ventilated to prevent the buildup of explosive gases.
8. Damaged or leaking batteries must be reported and disposed of following safety regulations.

2,000

Number of workplace injuries caused annually from improper handling of lead-acid batteries according to OSHA

Top 5 battery hazards...

1. **Chemical Burns** – Battery acid can cause severe skin damage.
2. **Fire Risk** – Overheated or damaged batteries may catch fire.
3. **Explosion Hazard** – Overcharging or puncturing can cause explosions.
4. **Electric Shock** – Contact with terminals may result in shocks.
5. **Toxic Fumes** – Leaking batteries release harmful gases.



1. Am I wearing the proper protective gear for battery handling?
2. Is the battery stored and transported safely to prevent damage?
3. Am I following proper procedures to avoid spills or leaks?
4. Do I know what to do in case of a battery accident?

Store them right,
avoid the fright,
check for leaks,
no sparks in sight

Summary

Battery handling on construction sites poses risks like chemical exposure, electrical shocks, and fire hazards. Workers should be most aware of proper storage, safe charging practices, and wearing protective gear. Handling batteries carefully prevents leaks, short circuits, and serious injuries on the job site.



OSHA enforces safety regulations for battery handling to protect workers from electrical shocks, chemical exposure, and fire hazards. Employers must provide proper training, personal protective equipment (PPE), and safe storage procedures to minimize risks associated with handling and maintaining batteries.

Key OSHA Battery Handling Regulation

29 CFR 1926.441 – Battery Handling and Charging

This regulation requires proper ventilation, PPE use, and fire prevention measures in battery storage and charging areas. Employers must ensure safe handling practices to prevent spills, exposure to hazardous chemicals, and electrical accidents.



ATTENDEES

BATTERY HANDLING

Print Name:	Signature:

Additional Comments: