

	BATTERY CHARGING	Date:
	TOOLBOX / TAILGATE TALK	Presenter:

Battery Charging

Introduction

1. Review any accidents or "near accidents" from the past week.
2. Describe the hazards of the work as they relate to your project. Explain or show the SAFE way of doing the job.
3. Give the Tool box Safety Talk

The charging of Lead-acid batteries can be hazards. Batteries emit explosive gasses while being charged, plus, battery fluid contains sulfuric acid, which can harm the eyes and skin on contact. Charging batteries is such a common task that many workers take it for granted and fail to use safe procedures. When changing a battery, use common sense and follow all manufacturer safety precautions.

- Charge batteries in a dry, well-ventilated area.
- Wear safety glasses or goggles and gloves when handling/charging batteries.
- Keep flames or sparks away from the battery to avoid contact with explosive gasses. Do not smoke while charging batteries.
- Before charging check the battery electrolyte level. Add distilled water if the electrolyte level is low before charging.
- Be sure to correctly connect positive and negative terminals: positive clamp (red) to positive(+) post and negative clamp (black) to negative (-) post.
- Leave the vent caps in place while charging.
- Immediately after the battery is fully charged, turn off and unplug the charger. Continuing to charge a fully charged battery may severely damage the internal plates and shorten battery life.



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