

SAFE WORK PRACTICE

TITLE	Batteries/Charging and Servicing
GENERAL	Protecting workers from injuries associated with charging and servicing batteries
APPLICATION	Batteries contain sulphuric acid and should be handled by trained personnel and be charged in approved battery charging areas.
PROTECTIVE MECHANISMS	Safe work procedures MSDS PPE as per company policy Safety shower and eyewash station ERP (Emergency Response Plan)
SELECTION AND USE	As per safe work procedure
SUPERVISOR RESPONSIBILITY	To facilitate and/or provide proper instruction to their workers on protection requirements and training.
WORKER RESPONSIBILITY	<ol style="list-style-type: none"> 1. Ensure the charger is off before attaching or removing clamp connections. 2. Attach clamps to the battery in proper polarity (<i>i.e.</i>, negative to negative). 3. Ensure proper ventilation is in place where batteries are charged. 4. Inspect for defective cables, loose connections, corrosion, cracked cases or covers, loose hold-downs and deformed or loose terminal posts. 5. Replace worn or unserviceable parts. 6. Tighten cable clamp nuts with the proper size wrench. 7. Utilize a cable puller to remove a cable clamp from the battery terminal. 8. Remove corrosion on the terminal posts, hold-down tray and hold-down parts. 9. Use a tapered brush to clean battery terminals and the cable clamps. 10. Clean dirt from the battery with baking soda solution. 11. Utilize a battery carrier to lift a battery. 12. Ensure battery cells are not filled above the level in indicator.

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