



PALM BEACH STATE COLLEGE PERSONAL PROTECTIVE EQUIPMENT (PPE) JOB HAZARD ASSESSMENT

Department: Facilities; Business, Trade & Industry	Campus: All
Task: Charge Batteries on a Forklift	
Job Title(s) Performing Task: Groundskeeper, Maintenance Mechanic, Maintenance Worker, A.C. Mechanic, A.C. & Energy Management Systems Specialist, Painter, Warehouse Personnel, PSAV Personnel	

Reviewed by Chris Ward, Grounds & Landscaping Supervisor, July 29, 2015

Task Step/Sub-Tasks	Hazard(s)	Recommended PPE (Bolded)/Controls
1. Charge batteries only in installations located in areas designated for that purpose and have proper ventilation.	Burns (from ignition of hydrogen off-gases)	Proper ventilation will prevent build-up of heat and hydrogen gas. Ensure that vent caps are working and not plugged.
	Chemical exposure (from spilled electrolyte)	Battery charging installation must have facilities for flushing and neutralizing spilled electrolyte. Wear work gloves and safety glasses .
2. No smoking!	None foreseen	N/A
3. Set forklift brake and shut off engine.	None foreseen	N/A
4. Connect battery to charger.	Electric shock	Ensure that the charger is turned "OFF" before connecting it to the battery.
5. Turn on charger.	Electric shock	Ensure that metal objects do not come into contact with the terminals on the battery.
	Burns (from sparks created while battery is charging)	Ensure that metal objects do not come into contact with the terminals on the battery.
6. Turn off charger and disconnect battery from charger.	None foreseen	N/A

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NOTE: Basic hazard categories include – **impact** (falling/flying objects, struck by), **falls from height**, **penetration** (sharp objects piercing foot/hand, other body parts), **compression** (roll-over or pinching), **cuts, burns, chemical exposure** (inhalation, ingestion, skin contact, eye contact or injection), **heat, extreme cold, harmful dust, noise, light (optical) radiation** (welding, brazing, cutting, furnaces, etc.), **ionizing radiation, non-ionizing (RF energy) radiation, electrical shock, ergonomics** (includes back strain or other strain due to lifting/stretching) and **biologic**.

CERTIFICATION: I certify that I have personally performed the above Job Hazard Assessment on the date indicated below. *This document is a Certification of the Hazard Assessment required by 29 CFR 1910.132(d)(2).*

Larry L. Leskovjan	<i>Larry L. Leskovjan</i>	July 29, 2015
Printed Name	Signature	Date