



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

Department: Facilities	Campus: All
Task: Change/Install/Maintain/Repair Energized Electrical Equipment	
Job Title(s) Performing Task: Electrician, Maintenance Mechanic	

Reviewed by Bill Whitten, Electrician II, July 23, 2015

Task Step/Sub-Tasks	Hazard(s)	Recommended PPE (Bolded)/Controls
1. Assess the accessibility of the panel.	Impact (from doors adjacent to the panel or from foot traffic)	Post warning signs.
		Set up barriers.
		Use an assistant to warn others.
2. Utilize ladder or aerial lift device as necessary to area to be painted. See also JHA "Use a Ladder" or JHA "Operate an Aerial Lift Device".	Falls from height	Ladder Safety training
		Use Personal Fall Arrest System when using aerial lift device.
3. Remove outer cover.	Cuts (from handling the cover)	Wear work gloves .
	Ergonomics (back or other strain)	Lifting/Back Safety training
		Do stretching and warm-up exercises before starting work.
		Get assistance for removal and lifting.
Electric shock	Watch the edges of the panel and ensure they do not touch the wiring in the panel box.	
4. Open the dead front.	Electric shock	Watch the edges of the panel and ensure they do not touch the wiring in the panel box.
		Visually inspect condition of wires and other components.
		Locate live components using a meter.
		Wear insulated gloves rated for the load of the panel.
		Use an insulated floor mat.

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5. Change/install/maintain/repair equipment, breakers, etc. as necessary.	Electric shock	Wear insulated gloves rated for the load of the panel.
	Burns (from arc flash)	Wear flame-resistant clothing rated for the load of the panel.
		Wear insulated gloves rated for the load of the panel.
		Wear safety glasses and darkened face shield .
	Impact (from debris and projectiles resulting from arc flash)	Wear safety glasses and darkened face shield .
6. Reassemble panel after completion of breaker work.	Ergonomics (back or other strain)	Lifting/Back Safety training
		Do stretching and warm-up exercises before starting work.
		Get assistance for removal and lifting.
	Electric shock	Watch the edges of the panel and ensure they do not touch the wiring in the panel box.

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 23, 2015
Printed Name	Signature	Date