

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

Department: Facilities	Campus: All
Task: Operate a Portable Electric Power Tool (Circular Saw, Jig Saw, Reciprocating Saw, Orbital Sander, Drill)	
Job Title(s) Performing Task: Carpenter, Maintenance Mechanic, Plumber	

Reviewed by Guy Clark, Lead Maintenance Mechanic, July 23, 2015

Task Step/Sub-Tasks	Hazard(s)	Recommended PPE (Bolded)/Controls
1. Check condition of the tool and the cord and plug.	Electric shock	Do not use the tool if it is in poor condition; the cord is missing insulation; or the plug is missing its grounding prong.
2. Check condition of the blade, if applicable.	Cuts	Avoid contact with blade teeth.
		Ensure that the tool is unplugged.
		Wear work gloves .
3. Check that guard is in working condition and in the proper position, if applicable.	Cuts	Avoid contact with blade teeth or moving parts of the tool.
		Ensure that the tool is unplugged.
		Wear work gloves .
	Impact (from dropping tool onto foot)	Wear work shoes with a safety toe .
4. Plug in power tool.	Cuts/Impact (from starting of the tool in the "On" position)	Ensure tool is in the "Off" position before plugging it in.
5. Operate power tool.	Cuts	Wear work gloves .
	Impact (from flying debris or kickback resulting from cutting, sanding or drilling)	Wear safety glasses for eye protection.
		Ensure that material being worked on is secured.
		Evaluate surroundings before turning on tool and be aware of the presence of others.
		Ensure that blade or bit is not binding during operation. If this occurs, cease operation and determine the cause.
	Noise	Wear ear plugs .

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5 (continued). Operate power tool.	Electric shock	<ul style="list-style-type: none"> Do not use cord or extension cord if it is damaged or does not have a grounding prong. Connect tool to a Ground Fault Circuit Interrupter (GFCI) outlet. Ensure that cutting or drilling will not come into contact with electrical wiring or conduit.
6. Change blade/bit/other power tool parts or make adjustments.	Cuts/Impact	Ensure tool is unplugged before changing any part or making any adjustments to the tool. Wear work gloves .
7. Unplug power tool.	Cuts/Impact (from unplugging while the tool is still in operation)	Ensure tool is in the "Off" position before unplugging.

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