



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

Department: Facilities	Campus: All
Task: Operate a Belt Sander (Portable)	
Job Title(s) Performing Task: Carpenter, Maintenance Mechanic	

Reviewed by Rick Mincey, Carpenter II, and David Suarez, Carpenter I, July 29, 2015

Task Step/Sub-Tasks	Hazard(s)	Recommended PPE (Bolded)/Controls
1. Check condition of the belt sander and its cord and plug.	Electric shock	Do not use the belt sander if it is in poor condition; the cord is missing insulation; or the plug is missing its grounding prong.
2. Turn on belt sander.	Ergonomics (from back strain or other strain from lifting/carrying the belt sander)	Do stretching and warm-up exercises before starting engine. Position body to maintain balance. Avoid twisting and overextending.
	Impact (from flying dust and debris on the sanding belt)	Wear safety glasses .
	Cuts (from moving sanding belt)	Ensure that guards are in place. Keep hands and fingers away from moving belt.
3. Align belt sander with the material to be sanded.	None foreseen	N/A
4. Bring sanding belt into contact with the material to be sanded.	Impact (from flying sanding debris or belt breaking)	Wear safety glasses . Ensure that guards are in place. Control amount of pressure exerted on belt and maintain balance.
	Cuts (from moving sanding belt)	Ensure that guards are in place. Keep hands and fingers away from moving belt.
	Harmful dust	Wear filtering facepiece respirator (particulate mask) .
5. Turn off belt sander when sanding is completed.	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