

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

Department: Facilities	Campus: All
Task: Operate an Air Compressor (Portable Electric)	
Job Title(s) Performing Task: Carpenter, Groundskeeper, Maintenance Mechanic, Painter	

Reviewed by Mark Pruszynski, Painter II, July 23, 2015

Task Step/Sub-Tasks	Hazard(s)	Recommended PPE (Bolded)/Controls
1. Perform pre-operational check of equipment, e.g., condition of electric cord and plug.	None foreseen	Ensure that the cord is not damaged and the plug has a grounding prong.
		If deficiencies are noted, remove from service and repair/replace as necessary.
2. Move air compressor to point of use.	Ergonomics (back or other strain)	Lifting/Back Safety training
		Do stretching and warm-up exercises before starting work.
3. Connect air hose to compressor and tool or equipment	Compression (from pinched finger while connecting hose)	Wear work gloves .
4. Insert plug into outlet and turn compressor on. Allow air pressure to increase to desired level.	None foreseen	N/A
5. Use air compressor to power tools and equipment. See also JHA "Operate a Nail Gun".	Impact (from uncontrolled release of air creating projectiles and flying debris)	Wear safety glasses with side shields .
		When used for cleaning purposes, air pressure must be adjusted to less than 30 psi.
		Never use compressed air to clean your body or clothing.
	Noise	Wear ear plugs .
	Electric shock (while performing maintenance/repair on the air compressor)	Unplug electric cord and retain control of the plug.
	Impact (from tool operation due to unexpected start-up while changing the tool or its components)	Turn air compressor off.

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5 (continued). Use air compressor to power tools and equipment. See also JHA "Operate a Nail Gun".	Impact (from falling due to tripping over air hose)	Arrange air hose in a manner to minimize trip and fall hazards.
		Maintain situational awareness.
		Wear work shoes with slip-resistant soles.
6. Shut off compressor, bleed air from lines and disconnect hose.	Impact (from uncontrolled release of air creating projectiles and flying debris)	Wear safety glasses.
	Compression (from pinched finger while disconnecting hose)	Wear work gloves.
7. Remove plug from outlet when work is completed and return air compressor to storage.	Ergonomics (back or other strain)	Lifting/Back Safety training
		Do stretching and warm-up exercises before starting work.

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