

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

Department: Facilities	Campus: Palm Beach Gardens, Lake Worth, Boca Raton
Task: Operate a Rotary Floor Stripper/Polisher/Buffer	
Job Title(s) Performing Task: Custodian	

Reviewed by Jose Cintron, Lead Custodian, July 22, 2015

Task Step/Sub-Tasks	Hazard(s)	Recommended PPE (Bolded)/Controls
1. Prepare the work area.	Impact (from slip and falling due to wet floors)	Place hazard signs at the entrances to the area to be stripped.
		Sweep the floor with a clean dust mop.
		Wear work shoes with slip-resistant soles.
		Wear slip-resistant rubber boots.
2. Move furniture as necessary. See also JHA "Lift/Carry/Move Furniture, Boxes, Other Equipment, Objects and Materials".	Ergonomics (back or other strain from lifting/bending/reaching)	Do stretching and warm-up exercises before starting work.
		Lifting/Back Safety training
		Use proper lifting/carrying/moving techniques.
3. Remove gum, tape and other foreign materials with a scraper.	Cuts	Wear work gloves.
4. Prepare equipment.	None foreseen	Assemble mops, buckets, wet vacuum, floor squeegee tool and stripper product.
		Install stripper pad on rotary floor machine.
5. Check condition of electric cord and plug on rotary floor machine.	None foreseen	Ensure that the plug has a grounding prong.
		Remove machine from service if cord or plug is defective.
6. Use mop to apply stripper product.	Impact (from slipping and falling on wet floor)	Wear work shoes with slip-resistant soles.
		Wear slip-resistant rubber boots.
		Do not allow solution to dry on the floor. Re-apply as necessary to keep the floor wet.

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6 (continued). Use mop to apply stripper product.	Chemical exposure	Wear vinyl/nitrile/latex gloves .
		Use "green" product.
		Avoid splashes when pouring product.
7. Insert plug into outlet, turn machine on and scrub the floor with the rotary floor machine and stripping pad.	Impact (from slipping and falling on wet floor)	Wear work shoes with slip-resistant soles .
		Wear slip-resistant rubber boots .
	Ergonomics (back or other strain from lifting/bending/reaching)	<ul style="list-style-type: none"> • Do stretching and warm-up exercises before starting work. • Do not try to "muscle" the machine. Let the machine do the work. • Scrub in a circular motion, from side to side. • Overlap the strokes made by the machine. • Keep the floor wet. Re-apply stripping solution as necessary.
8. Remove the stripping solution from the floor with the wet vacuum and floor squeegee. Examine the floor and re-strip areas with residual gloss.	Impact (from slipping and falling on wet floor)	Wear work shoes with slip-resistant soles .
	Ergonomics (back or other strain from lifting/bending/reaching)	Wear slip-resistant rubber boots .
9. Use mop to apply rinse solution to the floor.	Impact (from slipping and falling on wet floor)	Do stretching and warm-up exercises before starting work.
	Ergonomics (back or other strain from bending/reaching)	Wear work shoes with slip-resistant soles .
10. Remove the rinse solution from the floor using the wet vacuum and floor squeegee.	Impact (from slipping and falling on wet floor)	Wear slip-resistant rubber boots .
	Ergonomics (back or other strain from lifting/bending/reaching)	Wear work shoes with slip-resistant soles .
11. Damp mop the floor with clean water and allow to dry.	Impact (from slipping and falling on wet floor)	Do stretching and warm-up exercises before starting work.
		Wear work shoes with slip-resistant soles .
		Wear slip-resistant rubber boots .

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12. When the floor is dry, remove stripping pad from the rotary floor machine and install polishing pad. Apply floor wax in accordance with the manufacturer’s instructions using the rotary floor machine.	Chemical exposure	Wear vinyl/nitrile/latex gloves . Use “green” product.
	Ergonomics (back or other strain from lifting/bending/reaching)	Do stretching and warm-up exercises before starting work.
13. Turn off machine and remove plug from outlet. Place rotary floor machine in storage. Remove hazards signs only when the floor is completely dry.	Impact (from slipping and falling on polished floor)	Wear work shoes with slip-resistant soles .
14. In the future, use rotary floor machine to dry buff the floor surface to smooth it and restore the shine as necessary.	Electric shock	Ensure that the plug has a grounding prong. Remove machine from service if cord or plug is defective.
	Ergonomics (back or other strain from lifting/bending/reaching)	<ul style="list-style-type: none"> • Do stretching and warm-up exercises before starting work. • Do not try to “muscle” the machine. Let the machine do the work. • Move in a circular motion, from side to side. • Overlap the strokes made by the machine.

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**.



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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 22, 2015
Printed Name	Signature	Date