

**PURPOSE:** Review each job task performed by employees to determine where job task hazards exist; providing recommendations for hazard elimination/protection, identifying appropriate personal protective equipment (PPE), and training to inform employees of appropriate safety standards and precautions.

**Department:** Facilities Operation and Development

**Job Title:** Facilities Renovation and Restoration (All)







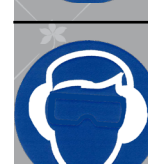

**Job Task:** Performs renovation and restoration tasks to maintain the aesthetic components of the facilities interior and exterior









**Prepared By:** Shelli Shoemaker

**Date of Creation:** 03/11/2019











# **REQUIRED PERSONAL PROTECTIVE EQUIPMENT** *(choose all that apply for this task. If other, please type in specifics)*









 <b>Body Protection</b> As Required by Job / Task - various	 <b>Eye Protection</b> Face Shield      Safety Goggles	
 <b>Fall Protection</b> Fall Protection System Required	 <b>Foot Protection</b> Safety Shoes	
 <b>Hand Protection</b> Leather Gloves      Other as required	 <b>Head Protection</b> As Required by Job / Task - various	
 <b>Hearing Protection</b> As Required by Job / Task - various	 <b>Respiratory Protection</b> As Required by Job / Task - various	

 Task/Step 	 Hazard(s) 	 Control Methods 	 Additional Information 
<i>Break the job into a sequence of steps. Each of the steps should accompany some major task.</i>	<i>Identify the hazard(s) associated with each step. Every possible source of energy must be identified. Look at the entire environment to determine every conceivable hazard.</i>	<i>Decide what actions are necessary to eliminate, control, or minimize hazards that could lead to accidents, injuries, damage to the environment, or illness.</i>	<i>Put any additional information here that should be known by the employee performing the task.</i>
Working around electricity	Electricity	De-energize equipment and work area. Always utilize lock-out/tag-out device. Verify equipment is de-energized. Utilize all PPE.	If equipment must remain on; wear safety glasses and leather gloves and have a spotter with you. Remove standing water.
Using adhesives/glues	Other; Fumes	Always work in a well ventilated area.	
Using scaffolding	Elevated Work Slips, Trips, and Falls	Inspect all equipment before using and make sure it is assembled correctly; wheels are locked. Use safety rails. OSHA 1910.27	Have a safe way to descend. Utilize proper PPE if required. Follow guidelines in OSHA 1910.28 regarding rails, toe-boards, etc.
Using ladders or step-ladders	Ladders Elevated Work	Inspect ladder before use. Use ladder at proper height. Make sure the ladder is assembled, locked and on level ground.	Do not exceed weight limit for ladder. Do not stand on the top or top rung of ladder. Use a spotter if higher than step ladder.
Repairs/replaces grid ceilings, drywall ceilings and replaces ceiling tiles	Asbestos Exposure Falling Objects	Wear dust mask and safety glasses, be careful when removing ceiling, if in doubt about asbestos call EHS.	Additional potential exposure; fiberglass and inhalation of dust. Utilize proper PPE at all times.
Operates University vehicles	Driving University Vehicles	Inspect vehicle before use. Use seat belts and safety prescription glasses. Stay alert for pedestrians, other vehicles and objects.	
Using hand tools	Hand/Power Tools	Keep tools in good condition. Inspect tools before use. Wear safety glasses. Work away from yourself. Use normal caution required.	
Installing glass	Other	Wear proper PPE such as leather gloves, dust mask and safety goggles at all times. Dispose of broken glass properly.	Other includes; Potential for cuts from installing or breaking glass. Inhalation of fine particles of glass.
Working with power tools	Hand/Power Tools Slips, Trips, and Falls	Wear goggles and dust mask if applicable. Keep cords away from work area. Keep tools in good condition. Inspect tools before use.	Cuts, abrasive, electric shock, injury from flying debris, tripping over power cords. Verify that guards are working.
Heavy lifting	Heavy Lifting	Use proper lifting techniques, limit duration of repetitive motion. Always know your weight limit, lift with your legs.	Get help if needed; heavy or awkward.


































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May work with materials containing asbestos	Asbestos Exposure	Never disturb materials containing asbestos unless properly trained. Use appropriate exposure control methods and PPE.	Call EHS regarding asbestos concerns.
Equipment Maintenance	Electricity Other	Shut off any power source before working, Utilize lock-out/tag-out Have appropriate PPE depending on job task.	Other includes; electric shock, parts shooting and striking worker, getting caught in equipment, cuts from sharp edges
Working in air handlers and changing air filters	Other	Wear dusk mask and appropriate eye protection.	Inhalation of dust, dust or foreign objects in eyes, fiberglass irritation.
Working on roofs	Other	Utilize fall-arrest systems if applicable. Walk away from the edges. Avoid working on really windy or wet/icy days. Door open.	Other includes; Slipping and falling, high winds. Utilize 2-way radio system.
Working in confined spaces	Confined Space Entry	Before working in confined area, verify that it is safe by monitoring air. Always ventilate area using fan.	Confined Space Permit must be obtained. Competent Person on the outside to monitor safety of occupants. OSHA 1910.149
Working in extreme (hot/cold) temperatures	Cold/Heat Stress	Wear proper clothing, take frequent breaks, stay hydrated.	
Working with steam heat, hot water pipes	Steam Heat	Whenever possible, shut off steam in work area several hours prior. Verify gauges are working properly. Be aware of steam leaks.	Drain systems and/or pump before working on them. Release pressure slowly by nicking pipe. Put a barrier between you/pump.
Working with pneumatic parts	Steam Other	Slowly open valves to release pressure and wear safety glasses.	Other includes; Getting sprayed with hot or cold water, steam, refrigerates. Injuries from shooting parts from air build-up.
Storing or transporting compressed gas cylinders	Other Compressed Gases	Always install a protective valve cover and secure cylinders to a stand or wall, wear proper PPE. No lubricants on valves.	Other includes; Explosion of compressed gas, rupture of valve.
Soldering and brazing using oxygen/acetylene outfit	Hot Work Compressed Gases	Check hose and connections for leaks prior to using, work in well-ventilated areas, Don't solder around flammable materials, PPE	Use correct solder and PPE, obtain Hot Work Permit.

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Starting up and operating chillers: turning on pumps, opening valves, and checking gauges	Other	Take time to open to the valves, wear proper PPE especially gloves.	Other includes; back strain, overexertion, burns.
Power washing/Sandblasting	Other	Always have full control over washer/sandblaster. Wear proper PPE when needed, goggle, gloves, rain gear if needed.	Other includes; cut from the pressure or flying debris; eye injuries; inhalation of chemicals or dust.
Scraping, sanding	Other	Wear goggles and proper PPE to avoid cuts.	Other includes; Cuts and abrasions; eye and skin injuries from debris.

**REQUIRED TRAINING COURSES** *(choose all that apply for this task. If other, please type in specifics)*

 Building Emergency Action Plan _____	 Hearing Conservation _____	 _____
 Confined Space Entry _____	 Heat and Cold Stress _____	 _____
 Crane, Sling, and Hoist Safety _____	 Hot Work _____	 _____
 Electrical Safety/Arc Flash Awareness _____	 Lead Safety Awareness _____	 _____
 Elevated Work _____	 Legionella Awareness _____	 _____
 Fall Protection _____	 Lockout/Tagout _____	 _____
 Filtering Facepiece Respirator Training _____	 Personal Protective Equipment (PPE) _____	 _____
 Fire Extinguisher _____	 Respiratory Protection _____	 _____
 Flammable Liquids _____	 Shop Safety _____	 _____
 Hand and Power Tool Safety _____	 Shop Safety _____	 _____
 Hazard Communication _____	 OSHA Class III Asbestos Course _____	 _____

I have read and understand the contents of the JHA and the controls required to mitigate the risks from the identified hazards.

Employee Name: \_\_\_\_\_

Supervisor: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_