

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 Maintenance

Job Task: Performs day-to-day inspections, preventative maintenance and repair of buildings and equipment

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



Body Protection

As Required by Job / Task - various



Eye Protection

Safety Glasses

Other



Fall Protection

Fall Protection System Required



Foot Protection

Safety Shoes



Hand Protection

Other



Head Protection

As Required by Job / Task - various











Hearing Protection

As Required by Job / Task - various











Respiratory Protection

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>
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 safety mask.	Other includes; Inhalation of dust, dust or foreign objects in eyes, fiberglass irritation.
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.
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.	
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.
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.
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.
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.
Working in mechanical rooms	Noise Other	Be aware of odors and evacuate if you smell gas; be aware of your surroundings, walk carefully, hearing protection if needed.	Other includes; Explosions from gas lines; burns from steam, hot water lines; slipping on water or oil; tripping, loud noise.

[Click to Add Page for more Tasks/Steps](#)

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<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 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
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.	
Working with steam heat, hot water pipes	Steam	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	Compressed Gases Other	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 Other	Check hose and connections for leaks prior to using, work in well-ventilated areas, Don't solder around flammable materials,	Use correct solder and PPE, obtain Hot Work Permit.
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.
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.

[Click to Add Page for more Tasks/Steps](#)

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	 Silica Dust 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: _____