

Job Hazard Analysis

JHA Number 0023-PPD-HVAC	Facility University of Vermont	Date Prepared 4/4/2019	Revision Date
Approved by		Analysis by WALKER, CHRISTOPHER	
Description AHU PM Jeffords			
Smart Tabs			
Related Job Titles * SERVICE TECHNICIAN	Related Departments * MEDICAL COMPLEX ZONE	Related Locations * JAMES M. JEFFORDS HALL - 0005	Related MSDS
			Training Requirements * OSHA 10 Hour Construction Card * OSHA Electrical LO/TO Control of Haz Energy 29 CFR 1910.147

Additional Description
PM and general maintenance of AHU
Common sense should be applied when executing any job. We do our best to implement hazard control measures such as engineering controls, administrative controls and personal protective equipment. When the hazard is still present the use of certain PPE may be required for one or more steps but not all of the steps. However, it may be prudent to don all required PPE for the duration of the JHA.

Step/ Area	Task Step Description	Hazards	Control Measure	PPE Required
01	Notify the building occupants of the work to be done. Contact SOS for Non-Permit Entry into the Confined Space.			
02	Go to main computer in room 403 to shut down the supply fans down			
03	LOTO of breaker in room 402	Electrical	Electricity will be shut down by a trained and qualified HVAC Tech or Electrician with the proper PPE	Earplug, electrical (NFPA70E E.A.R. 370-2000) NRR22; Clothing, FR Rated shirt/pants (Electrical Program); Gloves, Glove kit, black electrical gloves and assorted leather ; Safety glasses, UVM Issued; All Leather boot/shoe ASTM F2413-17 M or F1175/C/75/PR/EH
04	Shut steam and humidification down as part of the LOTO	Burns Cuts	HVAC Tech to shut down Use of proper PPE	Safety glasses, UVM Issued; Gloves, leather ; All Leather boot/shoe ASTM F2413-17 M or F1175/C/75/PR/EH
05	Enter into fresh air side and clean the filters. Pull filters and replace if needed	- Cuts from metal springs - Dust - Pinch Points - Ergonomic	- Safety Glasses -Gloves - Respirators (P100 or N95) - Proper lifting methods -	Safety glasses, UVM Issued; All Leather boot/shoe ASTM F2413-17 M or F1175/C/75/PR/EH; Gloves, leather

Job Hazard Analysis Continued

JHA Number 0023-PPD-HVAC	Facility University of Vermont	Date Prepared 4/4/2019	Last Revision Date
Description AHU PM Jeffords			

Step/ Area	Task Step Description	Hazards	Control Measure	PPE Required
06	FRP vacuum chambers while filter change is happening	- Dust	- HEPA Vacuum - Respirators (P100 or N95) - Gloves - Tyvek is optional to keep clothing clean	Coveralls, Kleenguard (breathable); Respirator, half-face; Respirator cartridges, P100; Respirator, disposable; Safety glasses, UVM Issued; Gloves, leather ; ASTM F2413-17 M or F/1/75/C/75/PR boot/shoe
07	Check and adjust belts, grease motors	- Chemical - Pinch Points - Slips	PPE - Gloves - Eye Protection - Non-slip boots	Coveralls, Tyvek®; Safety glasses, UVM Issued; Gloves, chemical resistant, nitrile rubber ; Gloves, leather ; ASTM F2413-17 M or F/1/75/C/75/PR boot/shoe
08	Change lightbulbs - RFP or Electrician. - If a ballast needs to be changed a qualified and trained electrician shall do the work	- Electrical - Cuts - Falls	- Eye Protection - Gloves - Slip resistant, hard-toe, EH rated shoe - Proper ladder methods	Clothing, FR Rated shirt/pants (Electrical Program); Safety glasses, UVM Issued; All Leather boot/shoe ASTM F2413-17 M or F/1/75/C/75/PR/EH; Gloves, leather
09	Clean glass assoc. w/ windows on doors	- Chemical (cleaner)	- Eye Protection - Gloves	Safety glasses, UVM Issued; Gloves, chemical resistant, nitrile rubber
10	Check the snow screens in duct system	- Tripping - Dust - Cuts	- Respirators (P100 or N95) - Eye protection - Gloves	Respirator cartridges, P100; Respirator, half-face; Respirator, disposable; Safety glasses, UVM Issued; ASTM F2413-17 M or F/1/75/C/75/PR boot/shoe ; Gloves, leather
11	Clean the screen on duct side of unit with filtered shop vacuum	- Slips - Cuts - Dust - Communication	Proper footwear - Eye protection - gloves - Two people in duct at all times - Reliable means of communication (radios, cell phone, verbal, etc)	Coveralls, Tyvek®; Respirator cartridges, P100; Respirator, half-face; Respirator, disposable; Safety glasses, UVM Issued; ASTM F2413-17 M or F/1/75/C/75/PR boot/shoe ; Gloves, leather

Job Hazard Analysis Continued

JHA Number 0023-PPD-HVAC	Facility University of Vermont	Date Prepared 4/4/2019	Last Revision Date
Description AHU PM Jeffords			

Step/ Area	Task Step Description	Hazards	Control Measure	PPE Required
12	Restart of system	- Electrical	- Gather all workers at a central point prior to restart - Qualified and trained electrician or HVAC Tech for restart	Clothing, FR Rated shirt/pants (Electrical Program); Gloves, Glove kit, black electrical gloves and assorted leather ; Safety glasses, UVM Issued; All Leather boot/shoe ASTM F2413-17 M or F1175/C/75/PR/EH

Prepared By: _____ **Date:** _____