

# Job Hazard Analysis

<b>JHA Number</b> 0028-PPD-PLU	<b>Facility</b> University of Vermont	<b>Date Prepared</b> 5/3/2019	<b>Revision Date</b>
<b>Approved by</b>		<b>Analysis by</b> WALKER, CHRISTOPHER	
<b>Description</b> Chilled Water Coil Fill			
<b>Smart Tabs</b>			
<b>Related Job Titles</b>	<b>Related Departments</b> * DAVIS CENTER ZONE * MEDICAL COMPLEX ZONE * PROJECTS ZONE * SOUTH ZONE * TRINITY ZONE * UTILITIES ZONE	<b>Related Locations</b>	<b>Related MSDS</b>
			<b>Training Requirements</b> * OSHA 10 Hour Construction Card * OSHA Respiratory Protection 29 CFR 1910.134 & 1926.103 (Initial)

<b>Additional Description</b>
Chilled Water Coil Fill
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
1	* Attach pump and hose from drum to drain * Attach hose from vent back to the drum	chemicals in water cuts scrapes	PPE - Use 1/2 Face Respirator with Safety Glasses & Face Shield or FF Respirator USE GFCI PIGTAIL FROM OUTLET TO EXT. CORD	Respirator cartridges, P100; Respirator, full-face; Safety glasses, UVM Issued; Respirator, half-face; Shoe/boot, slip-resistant sole; Gloves, chemical resistant, nitrile rubber ; Face shield, plastic; ASTM F2413-17 M or F/1/75/C/75/ boot/shoe
2	* Turn pump on * one person at drum and one at coil	chemical unintended shock	PPE - Use 1/2 Face Respirator with Safety Glasses & Face Shield or FF Respirator USE GFCI PIGTAIL FROM OUTLET TO EXT. CORD	Earplug, disposable, foam plastic 33dB ; Gloves, chemical resistant, nitrile rubber ; Shoe/boot, slip-resistant sole; Face shield, plastic; ASTM F2413-17 M or F/1/75/C/75/ boot/shoe
3	* Once you get water out of the vent hose, the coil is full. (the drum should be empty) * Turn off the pump * Close the drain valve and vent * Inspect for leaks * Open Supply and Return Feeds on Coil	chemical unintended shock	PPE - Use 1/2 Face Respirator with Safety Glasses & Face Shield or FF Respirator USE GFCI PIGTAIL FROM OUTLET TO EXT. CORD	Respirator, full-face; Respirator cartridges, P100; Earplug, disposable, foam plastic 33dB ; Safety glasses, UVM Issued; Gloves, chemical resistant, nitrile rubber ; Shoe/boot, slip-resistant sole; Face shield, plastic; ASTM F2413-17 M or F/1/75/C/75/ boot/shoe
4	rinse out the drum and let dry up side down			Safety glasses, UVM Issued

***Job Hazard Analysis Continued***

<b>JHA Number</b>	<b>Facility</b>	<b>Date Prepared</b>	<b>Last Revision Date</b>
0028-PPD-PLU	University of Vermont	5/3/2019	
<b>Description</b> Chilled Water Coil Fill			

**Prepared By:** \_\_\_\_\_ **Date:** \_\_\_\_\_