

Job Hazard Analysis

JHA Number 0033-PPD-CARP	Facility University of Vermont	Date Prepared 9/3/2019	Revision Date
Approved by		Analysis by WALKER, CHRISTOPHER	
Description Penetrating wallboard systems with asbestos present			
Smart Tabs			
Related Job Titles * BUILDING TRADES SUPERVISOR * BUILDING TRADESPERSON SENIOR * FACILITIES REPAIRPERSON * HAZARDOUS MATERIALS SPEC SR * HAZARDOUS MATERIALS SPECIALIST	Related Departments * CONTROLS * DAVIS CENTER ZONE * LIFE SAFETY SYSTEMS * MEDICAL COMPLEX ZONE * MEDPLEX PROJECT RENOVATIONS * PROJECTS ZONE * SOUTH ZONE * TRAINING & COMPLIANCE * TRINITY ZONE	Related Locations	Related MSDS
			Training Requirements * OSHA 10 Hour Construction Card

Additional Description
<p>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.</p> <p>Work Practice for Penetrating Wallboard Systems asbestos present</p> <p>This includes (but is not limited to) activities such as:</p> <ul style="list-style-type: none"> Hanging pictures Coat hooks Installing shelving track Removal of wall fixtures and furnishings Attaching modular furniture to walls Installing wire mold, switches or outlets Patching and painting

Step/ Area	Task Step Description	Hazards	Control Measure	PPE Required
1	Contact TCO prior to penetrating the wall system to establish the presence or absence of asbestos	Possible asbestos exposure if TCO is not contacted	Call TCO	
2	Gather equipment: HEPA Vacuum Spray bottle or garden sprayer of amended water Sponge(s) Other tools that may be required to complete task: drill, razor knife, saw, screwdriver, etc. Plastic waste bag(s) Plastic sheeting Paper towels/absorbent pads Duct tape Blue masking (painters) tape Encapsulant Paint or KillZ Taping compound		Note: Painters tape should be used in all instances where tape will be in contact with finished building materials. Duct tape must not be in contact with finished building materials because of the significant damage that it causes.	

Job Hazard Analysis Continued

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Step/ Area	Task Step Description	Hazards	Control Measure	PPE Required
3	<p>Work procedure for drilling</p> <ol style="list-style-type: none"> 1. Gather all required tools at the worksite. 2. Assure all training is up to date, and the TCO and you Supervisor are aware of the project. 3. Place plastic on the floor next to work area and secure with duct tape. 4. Mark the wall where the penetration is needed. 5. Use of HEPA shroud is preferred but if not available use the following sponge method 6. Cut a hole in the sponge. 7. Wet the sponge with amended water. 8. Place the sponge over the drill. 9. Place drill on the mark. 10. Hold the sponge firmly against the wall. 11. Drill hole. 12. Keep the sponge firmly in place and remove the drill. 13. Set the drill on the plastic on the floor. 14. Wipe the sponge across the area where the hole was drilled, being careful not to release any dust. 15. Place the sponge on the plastic. 16. Wet some paper towels and wipe the wall to assure all debris is removed. 17. When all drilling is complete, spray the drill with water and wipe with a wet paper towel to assure all dust is removed. Pay special attention to the drill bit. 18. Wrap waste up in plastic sheeting and secure with duct tape, or place in a plastic bag. 19. Dispose of waste in the shop dumpster. 	<p>Asbestos Silica Respiratory Eye</p>	<p>Follow steps PPE</p>	<p>Gloves, leather (802727); Respirator cartridges, P100; Respirator, half-face; Safety glasses, UVM Issued; ASTM F2413-17 M or F/1/75/C/75/PR boot/shoe</p>

Prepared By: _____ **Date:** _____