

# Job Hazard Analysis

<b>JHA Number</b> 0020-PPD-EHS	<b>Facility</b> University of Vermont	<b>Date Prepared</b> 3/8/2019	<b>Revision Date</b>
<b>Approved by</b>		<b>Analysis by</b> WALKER, CHRISTOPHER	
<b>Description</b> Glovebag			
<b>Smart Tabs</b>			
<b>Related Job Titles</b> * HAZARDOUS MATERIALS SPEC SR * HAZARDOUS MATERIALS SPECIALIST * Hazardous Materials Supervisor	<b>Related Departments</b> * TRAINING & COMPLIANCE	<b>Related Locations</b>	<b>Related MSDS</b>
			<b>Training Requirements</b> * EPA Asbestos Abatement Contractor/Supervisor - Initial * EPA Asbestos Abatement Contractor/Supervisor - Refresher * Respirator Fit Test - Qualitative (12 Months)

<b>Additional Description</b>
Asbestos Glovebag work
<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>

Step/ Area	Task Step Description	Hazards	Control Measure	PPE Required
1	Discuss proper glovebag methods with Supervisor			
2	Gather materials •Glovebag •Tyvek suit •FF PAPR w/ P100 filters •Ladder (if needed) •6 mil waste bag (x2) •Amended water •Knife •Duct tape •HEPA Vacuum •Black and green scrubbies •Wire brush •Rags	cuts, chemicals, ergonomics	Proper PPE, proper lifting, two people	Coveralls, Kleenguard (breathable); Safety glasses, without sideshields (100727); Gloves, leather (802727); Respirator cartridges, P100; Respirator, full-face
3	Glovebag Setup •Two people •Drop poly under work area •Ensure pipe is below 150 deg F • Use of proper signage to keep unauthorized people out • Attach bag to pipe • Attach amended water and HEPA vacuum to bag • Smoke test glovebag for leaks	Asbestos Cuts Ergonomic Burns Falls	Follow abatement training Ladder safety Proper respiratory protection	Coveralls, Kleenguard (breathable); Respirator cartridges, P100; Respirator, full-face

**Job Hazard Analysis Continued**

<b>JHA Number</b> 0020-PPD-EHS	<b>Facility</b> University of Vermont	<b>Date Prepared</b> 3/8/2019	<b>Last Revision Date</b>
<b>Description</b> Glovebag			

<b>Step/ Area</b>	<b>Task Step Description</b>	<b>Hazards</b>	<b>Control Measure</b>	<b>PPE Required</b>
4	Removal •Fully wet asbestos to be removed •Cut and remove material •Place material in bottom of bag •Take care not to puncture bag •Scrub wash and dry pipe •Spray and wipe down debris on bag •Use HEPA vacuum to collapse bag •Spin bag and tape at top •Cut bag loose and lower into black asbestos waste bag •Remove remainder of bag attached to pipe •Wipe down the area of removal as well as the drop poly •Remove suit, place on drop poly and dispose of all in waste bag •Seal bag, place in second bag and seal •Dispose of waste according to TCO	Asbestos Cuts Falls	Proper PPE Proper ladder safety	Coveralls, Kleenguard (breathable); Respirator cartridges, P100; Respirator, full-face

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

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