

# Job Hazard Analysis

<b>JHA Number</b> 0015-PPD-CARP	<b>Facility</b> University of Vermont	<b>Date Prepared</b> 11/27/2018	<b>Revision Date</b>
<b>Approved by</b>		<b>Analysis by</b> WALKER, CHRISTOPHER	
<b>Description</b> Glass Cutting & Glass Removal			
<b>Smart Tabs</b>			
<b>Related Job Titles</b>	<b>Related Departments</b> * DAVIS CENTER ZONE * MEDICAL COMPLEX ZONE * MEDPLEX PROJECT RENOVATIONS * PROJECTS ZONE * SOUTH ZONE * TRAINING & COMPLIANCE * TRINITY ZONE	<b>Related Locations</b>	<b>Related MSDS</b>
<b>Training Requirements</b>			

<b>Additional Description</b>
Removal / replacement of glass
<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	Inspection	Asbestos	Contact TCO for asbestos inspection prior to the start of any work	
2	Ladder Safety	slipping/falling from ladder	Inspect ladder before use. Use ladder of proper height. Make sure ladder is properly assembled and locked and standing on level ground. Do not exceed weight limit for ladder. Do not stand on top of ladder or on top rung. Have coworker hold ladder.	Gloves, leather (802727); Safety glasses, UVM Issued; ASTM F2413-17 M or F1175/C/75/PR boot/shoe
3	Using scaffolding	Scaffolding collapsing; slipping/falling from scaffolding	Verify that scaffolding is properly assembled and wheels locked. Use safety rails properly. Verify a safe means of climbing on/off scaffolding	Gloves, leather (802727); Safety glasses, UVM Issued; ASTM F2413-17 M or F1175/C/75/PR boot/shoe

**Job Hazard Analysis Continued**

<b>JHA Number</b> 0015-PPD-CARP	<b>Facility</b> University of Vermont	<b>Date Prepared</b> 11/27/2018	<b>Last Revision Date</b>
<b>Description</b> <b>Glass Cutting &amp; Glass Removal</b>			

<b>Step/ Area</b>	<b>Task Step Description</b>	<b>Hazards</b>	<b>Control Measure</b>	<b>PPE Required</b>
4	Using hi-ranger or genie boom.	Falling out of bucket while working. Power lines, Electric shock; electrocution.	Verify boom operator is certified. Use outriggers to level truck. Wear safety belt. Do not exceed weight limit of 500 lbs. in bucket. If moving genie boom more than a few feet at a time, lower bucket before proceeding. Do not drive genie boom over curbs, manhole covers, or anything other than level, hard ground. Do not lean out over railing. Stay clear of power lines and of lights on sides of buildings. Have someone stay on the ground to watch for hazards.	Gloves, leather (802727); Hard hat, Helmet, Type 1, Class E, ANSI, Z89.1; Safety glasses, UVM Issued; All Leather boot/shoe ASTM F2413-17 M or F1175/C/75/PR/EH
5	Lifting/carrying glass.	Back strain; overexertion Losing control of glass and dropping it	Know your weight-lifting capacity and get help if needed. Lift using leg muscles. Keep back straight. Always have two or more people lift large pieces of glass (2' by 3') Use suction cups to carry glass.	Gloves, leather (802727); Prescription Safety Glasses ; ASTM F2413-17 M or F1175/C/75/PR boot/shoe
6	Removing broken glass from window	Severe cuts or lacerations	Wear leather gloves, wrist/elbow protector, and safety glasses. Do not put hands on broken glass. Do not put hands under broken pane of glass; it could slide down unexpectedly. If a piece of glass is starting to fall, do not attempt to catch it; let it fall.	Gloves, leather (802727); Safety glasses, UVM Issued; ASTM F2413-17 M or F1175/C/75/PR boot/shoe
7	Cutting glass out of window or cutting new glass for installation	Severe cuts or lacerations	Wear leather gloves, safety glasses and long sleeves. Never put hands under broken pane of glass; it could slid down unexpectedly and slice you	Gloves, leather (802727); Safety glasses, UVM Issued; ASTM F2413-17 M or F1175/C/75/PR boot/shoe
8	Disposing of glass	Cuts/injuries to others by contacting broken glass	Dispose of glass in dumpster so that no one is cut accidentally	Gloves, leather (802727); Safety glasses, UVM Issued; ASTM F2413-17 M or F1175/C/75/PR boot/shoe

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

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