# Irrigation Work

## Additional Description

**Irrigation Work**

The following are required for all Grounds job tasks and JHAs:

- **High Visibility PPE** – Required to be worn over the torso as the outermost layer.

- **Long Pants** - This includes job tasks where we currently require chainsaw chaps. Potential risk which can be controlled by this PPE includes, but is not limited to; cuts, flying objects, falling objects, piercing objects.

- **Shirts that cover at least 50% of the bicep** are required for all tasks.

PPE shall not be modified in anyway.

Like any Job Hazard Analysis, common sense should be applied when executing a job. We do our best to engineer out the hazard and avoid the hazard with administrative measures such as signs, notices, caution tape, etc. When the hazard is still present and PPE is required for one or more steps but not all steps, it may be prudent to don all required PPE from the start of the job to the finish.

## Task Step Description

<table>
<thead>
<tr>
<th>Step/Area</th>
<th>Task Step Description</th>
<th>Hazards</th>
<th>Control Measure</th>
<th>PPE Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Turn off power to the irrigation zone being worked on</td>
<td>Electrical</td>
<td>Follow proper disconnection procedures</td>
<td>High visibility torso-covering garment; UVM Issued Safety glasses; Leather or Mechanix style gloves; All Leather boot/shoe ASTM F2413-17 M or F/I/75/C/75/EH</td>
</tr>
<tr>
<td>2</td>
<td>Dig and remove soil from around irrigation head</td>
<td>Cuts, abrasions; Struck by pedestrian or equipment; Flying objects</td>
<td>High visibility clothing Barriers around work in high traffic areas PPE</td>
<td>High visibility torso-covering garment; UVM Issued Safety glasses; Closed-toe shoe or boot; Leather or Mechanix style gloves</td>
</tr>
<tr>
<td>3</td>
<td>Cutting Pipe</td>
<td>Cuts, abrasions; Struck by pedestrian or equipment; Flying objects</td>
<td>High visibility clothing Barriers around work in high traffic areas PPE</td>
<td>High visibility torso-covering garment; UVM Issued Safety glasses; All Leather boot/shoe ASTM F2413-17 M or F/I/75/C/75/EH; Leather or Mechanix style gloves</td>
</tr>
</tbody>
</table>
### Job Hazard Analysis Continued

<table>
<thead>
<tr>
<th>JHA Number</th>
<th>Facility</th>
<th>Date Prepared</th>
<th>Last Revision Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>0045-PPD-GRO</td>
<td>University of Vermont</td>
<td>7/30/2021</td>
<td></td>
</tr>
</tbody>
</table>

**Description**
Irrigation Work

<table>
<thead>
<tr>
<th>Step/Area</th>
<th>Task Step Description</th>
<th>Hazards</th>
<th>Control Measure</th>
<th>PPE Required</th>
</tr>
</thead>
</table>
| 4         | Mechanical or chemical pipe repair (PVC primer and cement) | Cuts, abrasions  
Struck by pedestrian or equipment  
Flying objects  
Chemical exposure | High visibility clothing  
Barriers around work in high traffic areas  
PPE | High visibility torso-covering garment;  
UVM Issued Safety glasses; All Leather boot/shoe ASTM F2413-17 M or  
F/i75/C/75/EH; Gloves, chemical resistant, latex  |
| 5         | Thrust block installation | Cuts, abrasions  
Struck by pedestrian or equipment  
Flying objects  
lifting | High visibility clothing  
Barriers around work in high traffic areas  
PPE  
Proper lifting | High visibility torso-covering garment;  
UVM Issued Safety glasses; All Leather boot/shoe ASTM F2413-17 M or  
F/i75/C/75/EH; Leather or Mechanix style gloves  |
| 6         | Replace Soil | Cuts, abrasions  
Struck by pedestrian or equipment  
Flying objects | High visibility clothing  
Barriers around work in high traffic areas  
PPE | High visibility torso-covering garment;  
UVM Issued Safety glasses; All Leather boot/shoe ASTM F2413-17 M or  
F/i75/C/75/EH; Leather or Mechanix style gloves  |
| 7         | Turn on Power to the irrigation zone  
Test irrigation head | Electrical  
Cuts, abrasions  
Struck by pedestrian or equipment  
Flying objects | High visibility clothing  
Barriers around work in high traffic areas  
PPE | High visibility torso-covering garment;  
UVM Issued Safety glasses; All Leather boot/shoe ASTM F2413-17 M or  
F/i75/C/75/EH; Leather or Mechanix style gloves  |

Prepared By: ___________________________  
Date: ___________________