## Job Safety Analysis

<table>
<thead>
<tr>
<th>JOB TYPES</th>
<th>POTENTIAL HAZARDS</th>
<th>SAFE JOB PROCEDURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrical ROV Work</td>
<td>● Cuts</td>
<td>● Proper tools - wire cutters - wire strippers</td>
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<td></td>
<td>● Electrocution</td>
<td>● Anderson power plugs</td>
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<tr>
<td></td>
<td>● Burns</td>
<td>● Proper glasses</td>
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<tr>
<td></td>
<td>● Eye injuries</td>
<td>● Proper clothing</td>
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<td></td>
<td>● Fire</td>
<td>● No flammable objects in the area</td>
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<td>● No horse play</td>
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<td>● Proper Safety gloves</td>
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<td>● Remove all flammable objects from the area</td>
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</tbody>
</table>
| Mechanical ROV Work | • Soldering iron - sever burns sharp edges, and splatter  
| | • PVC cutters - cutting off limbs, puncturing blood vessels  
| | • Drill - cuts and burns  
| | • Hot glue gun - mild burns  
| | • Scissors - cuts  
| | • Utility knives - cuts, puncturing blood vessels  
| | • Wire cutters - cuts  
| | • Staplers - puncturing skin, bleeding  
| | • Zip ties - lost of blood flow  
| | • Saw - dust from pvc that can be inhaled/ in eyes  
| | • Batteries - have potential to leak or explode, harming individuals  
| | • Flammables near heat catching objects  
| | • Clean tools and maintain a safe workspace.  
| | • Wear protective gear, including goggles, gloves, closed- toe shoes, etc.  
| | • Make sure no tools are still out and that they are placed in proper location.  
| | • Communicate with team members and avoid horseplay.  
| | • Train beginners how to use tools at beginning of the year.  
| | • Store batteries correctly and handle them carefully on designated charging station.  
| | • Keep flammables away from other heat sources.  
|
| ROV Operation in Water/Pool | - Slip and fall  
- Tripping on wires  
- Electrical hazards  
- Drowning  
- Cuts from ROV  
- Moving of ROV | - Proper footwear  
- Keep pool deck neat  
- Tape down  
- GFCI protected outlets  
- On duty lifeguards  
- Proper lifeguard equipment  
- Vigilance  
- Proper lifting technique  
- Mounted power strip  
- Shrouding |