

# JOB SAFETY ANALYSIS

Safety information for:

FIRST FLIGHT ROV

FIRST DESCENT SOLUTIONS

TASK	HAZARDS	RISK CONTROL	PERSON IN CHARGE
<b>Soldering, Electrical work</b>	<ol style="list-style-type: none"> <li>1. Burn from the iron</li> <li>2. Burn from flying solder</li> <li>3. Fume inhalation</li> </ol>	<ol style="list-style-type: none"> <li>1. Wear light gloves</li> <li>2. eye protection</li> <li>3. Fume duct or fan to blow away fumes</li> </ol>	Andrew Thomas (Mentor) Will Roepcke
<b>Drill press, Chop Saw, band Saw, Dremel, and Sander use</b>	<ol style="list-style-type: none"> <li>1. Debris flying into eye</li> <li>2. Abrasions and cuts</li> <li>3. Major cuts</li> <li>4. Loose clothing or hair getting caught</li> </ol>	<ol style="list-style-type: none"> <li>1. Eye protection</li> <li>2. Light work gloves</li> <li>3. Proper knowledge of tool and safety calls</li> <li>4. Tie back hair and ensure clothing is not loose</li> </ol>	Andrew Thomas Jacob Thomas, COO Student Spotter Shop supervisor (student)
<b>Poolside work</b> <b>*See addendum</b>	<ol style="list-style-type: none"> <li>1. Slipping and falling</li> <li>2. Electrical Hazards</li> <li>3. Miscommunication</li> </ol>	<ol style="list-style-type: none"> <li>1. No running or horseplay</li> <li>2. Verify that all electrical components are properly sealed</li> <li>3. Use language known by all members; “hands on” and “hands off”</li> </ol>	Andrew Thomas Jack Voight (Pool and Tether Manager)
<b>All Active Locations</b>	<ol style="list-style-type: none"> <li>1. Miscommunication</li> <li>2. Risk of injuries</li> </ol>	<p>For all areas cell phone use is restricted</p> <p>For all areas closed toe shoes required</p> <p>For all areas there will be no roughhousing</p> <p>If you are not working then leave to avoid crowdedness</p>	Andrew Thomas Mack McClary Jacob Thomas All team members

<b>Other Information:</b>  <b>Contributors:</b> <b>Created:</b>	5.			
	6.			
	8.			
	<b>Required Training: Tool safety, Electrical safety, Communication Safety,</b>	<b>Required Personal Protective Equipment (PPE): Safety glasses, light work gloves, appropriate attire</b>		
	See <a href="https://www.marinetech.org/files/marine/files/ROV%20Competition/2015%20files/HSE_Handbook_number_3_As_of_11_19_2013_AW.pdf">https://www.marinetech.org/files/marine/files/ROV%20Competition/2015%20files/HSE_Handbook_number_3_As_of_11_19_2013_AW.pdf</a> for more information on safety in the workplace Department: ROV Operations, Mack McClary , CEO January 2018			