

# JOB SAFETY ANALYSIS

Safety Information for the MATE International ROV Competition

STOCKBRIDGE TEAM GOLD

ROV COMPANY

TASK	HAZARDS	CONTROLS
1. Connecting the ROV to Power.	01. Connecting the negative and positive plugs to the wrong port.  02. Runaway Motors and/or claw dysfunctions	A. Read the correct labels and double check before connecting the power.  A. Hit the kill switch B. Ensure the motors are programed to neutral before arming the ROV.
2. Tether Management	01. Endcap can be forcefully pulled off of the ROV during operation.  02. Tripping over the tether.	A. Ensure the tether is secured to the U-bolt strain relief.  A. Manage the tether to decrease the risk of tripping.
3. Lifting the ROV	01. Could injure the operator's back.  02. Could drop the ROV onto people's feet.	A. Use proper lifting techniques.  A. Wear closed toed shoes.

	4. Operating the Agar Sampler	01. Device Malfunction	A. Wear Eye Protection
	5. Cutting Zip Ties	01. Cut your skin  02. Get hit by a flying ziptie.	A. Use proper cutting devices.  A. Wear Eye protection.
	6. Exposure to the Elements	01. Seasickness  02. Sunburn  03. Heat Stroke	A. Take Dramamine or other sea sickness medication.  A. Wear Sunscreen  A. Drink lots of water and sit in the shade.
	<b>Required Training:</b> ROV Training and Prep should be performed before completing the above tasks.	<b>Required Personal Protective Equipment (PPE)</b> Safety Glasses and closed toed shoes are REQUIRED for operation.	
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