



Rogue Robotics Job Safety Analysis

TASK	HAZARDS	CONTROLS
Working with Tools	Slips / Trips / Falls	Wear non-slip footwear and inspect pool area for trip hazards before launching ROV. Keep an eye on the tether
	Eye Damage	Wear safety glasses or goggles.
	Finger Damage	1. Wear gloves when working with power tools 2. Never put fingers near the tip of the tool.
	Fumes / Dust	1. Make sure work area is well ventilated. 2. Wear a dust mask to prevent breathing fumes.
	Electrocution	1. Verify power switches and circuit breaker on Tether Control Unit 2. All tools are off before working. 3. Check for short circuits and exposed wire before working.
	Other Accidents	1. Make sure tools are put away after use. 2. Do not play with tools.
Testing ROV	Back Strain	1. Kneel down. 2. Stay low and close to ROV. 3. Avoid sharp twisting movements. 4. Do not overreach for ROV 5. Ensure back is straight 6. Ask for helping hands if needed
	Electrocution	1. Verify power switches and circuit breaker on Tether Control Unit (TCU) are off before working. 2. Visually inspect inside the clear electronics housing for leaks. 3. Pay attention to the current ROV operating status lights. 4. Ensure all extension cords are in a safe condition. 5. If a leak is detected, immediately cut power to TCU.
	Finger Damage	1. Make sure thrusters, motors and all accessories are disabled and/or power is shut off to the vehicle before putting hands and fingers near thrusters. 2. Make sure thruster guards are secure and no screws are loose. 3. Only handle the ROV with the palm of your hand. 4. Ensure a tight hold before lifting it
	Drowning	Ensure all personnel can swim or wear a life jacket.
	Sunburn	Wear protective clothing and sunscreen.