

JOB SAFETY ANALYSIS

Safety Information for Ozaukee High School's ROV Team

WIZARD AUTOMATION

SETTING UP POOL DECK

TASK	HAZARDS	CONTROLS
1. Carry supplies to the table on pool deck.	1a. Feet tangled in laptop or TV cords. 1b. Drop supplies on feet. 1c. Back strain from improper lifting.	1a-1. Keep cords tightly wrapped at all times. 1a-2. Keep cords as short as possible. 1b-1. Require close-toed shoes for all members. 1c-1. Follow proper lifting technique, as taught by Ms. VanMinsel.
2. Carry ROV onto the pool deck.	2a. Feet tangled in tether 2b. Drop ROV on feet. 2c. Back strain from improper lifting.	2a-1. Keep tether tightly wrapped at all times. 2a-2. Pile tether on top of ROV when transporting. 2b-1. Require close-toed shoes for all members. 2c-1. Follow proper lifting technique, as taught by Ms. VanMinsel. 2c-2. Have no fewer than two people carrying the ROV at all times.
3. Connect power to ROV.	3a. Wrongly connected wires, thus a fire hazard.	3a-1. Have a second person confirm that the wires are the correct color before connecting.
4. Connect communication to ROV.	4a. Trip on wire as it crosses the deck.	4a-1. Place all wires to the side of the pool deck, out of high traffic areas. 4a-2. Chose a brightly colored shroud for the tether, as to be easier to see and avoid.
5. Test the ROV's functions.	5a. Hands caught in motors or pinch points. 5b. Flying debris from nonfunctioning pieces.	5a-1. Inform the members about the potential hazards on the ROV. 5a-2. Label all safety hazards with warning stickers. 5b-1. Wear safety glasses at all times.
6. Lower ROV into water.	6a. Feet tangled in tether.	6a-1. Keep tether tightly coiled, throughout the entire mission.
Required Training: How to safely lift heavy objects, awareness of safety hazards on ROV	Required Personal Protective Equipment (PPE): Close-toed shoes, safety glasses	
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