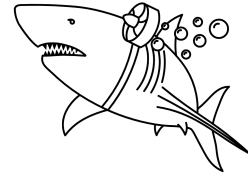


Job Site Safety Analysis

Boulder High School Robosharks



Job Task	Potential Hazards	Control Measures
Entering / exiting the pool area	<ul style="list-style-type: none"> A. Slipping on pool deck B. Dropping equipment C. Lifting injuries 	<ul style="list-style-type: none"> A. Be aware of surroundings and walk B. Secure all equipment in storage containers C. Have help lifting heavy things
System set up	<ul style="list-style-type: none"> A. Getting water on set up B. Tripping over wires C. Environmental factors 	<ul style="list-style-type: none"> A. Keep power and ethernet cables off the ground B. Take notice of where the tether is and keep it flat on the ground C. Do not operate in electrical storms
Power up checks	<ul style="list-style-type: none"> A. Voltage spikes B. Electrocutation 	<ul style="list-style-type: none"> A. Plug the ROV in the correct order B. Check for loose wires or damaged connections
Pool side operations	<ul style="list-style-type: none"> A. Falling in the pool B. Injury from the ROV 	<ul style="list-style-type: none"> A. Do not reach far into the water A2. Have a lifeguard present B. Wait until the ROV is disabled before reaching into the water
System break down	<ul style="list-style-type: none"> A. Falling in the pool B. Injury from lifting ROV 	<ul style="list-style-type: none"> A. Carefully remove ROV from pool