

Sea Dragons - Job Safety Analysis (JSA) Updated 05/24/18

Procedure	Hazards	Safety Rules
	<i>Pool Safety</i>	
Deck safety	Slipping and falling	Walk, don't running
Pool chemistry	Fouling pool water quality	No food or drinks, no swimming during ROV season
Pool time	Drowning	Use a Buddy system
Pool safety	Drowning	Learn to swim and make rescues, rescue step in pool
Storm events	Electrocution	Leave outdoor pool area in the event of thunderstorms
	<i>Tool Safety</i>	
Tool use	Injury to hands, eyes, or body	Tools are not toys, use the tools for what they are designed for
A.B.R. - Ask Borrow Return	Tripping on tools, tools falling off tables	Return the tool to where they belong when done
PPE - Personal Protection Equipment	Safety to eyes and body	Safety glasses on when working with tools, shoes on in tool area, Other PPE as written in PT STEM lab safety policy
Tool Safety	Injury to body	Use only the tools you are certified/trained to use
Lab Safety	Spills in lab	Food and liquids are kept away from work station
	<i>Control Box Safety</i>	
Control box	Electrocution, Fire, damage	Do not hold controls over the pool or drop the controls
	<i>ROV Safety</i>	
ROV Safety	ROV damage	Set the ROV into the water, do not throw it
ROV Handling	Injuries to hands	Turn off the propellers when handling the ROV
	<i>Cable Care</i>	
Cable Care	Cable damage	Do not tug on tether. Lift the ROV by it's handles.

