

Job Safety & Environmental Analysis

Mount Pearl Senior High School
 Mount Pearl, Newfoundland, Canada
 MATE International ROV Competition



Tasks	Hazards	Control	Responsible Employee
Housekeeping	Tripping hazards Leftover Clutter	Clean up ROV station before and after use Make sure floor area is clean and all long cords are out of walkways Pick up nuts and bolts and small objects which may fall during maintenance	
Lifting and Back safety / Hand safety	Cuts or Burns from tools Back Injuries from lifting	Gloves must be worn while operating sharp blades or hot items Ensure that proper guards are in place on tools with sharp spinning blades Ensure all employees lift objects properly: Two person lifting on objects over 40lbs required	

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<p>PPE (Personal Protective Equipment)</p>	<p>Safety of Employees</p>	<p>It is always ensured that company members are equipped with proper gear for the task such as always having safety goggles and gloves when working in the workshop or working around the ROV</p> <p>We make sure that PFDs are worn by employees when on the pool surface while ROV is in use</p>	
<p>Tool and Electrical Safety</p>	<p>Malfunction of tools</p> <p>Misuse of tools</p> <p>Malfunction of electronics</p> <p>Improper connections</p>	<p>Before use of tools employees would ensure that tools are in working order.</p> <p>We made sure that employees would only use tools they felt comfortable with and encouraged them to ask for help if needed</p> <p>Made sure right tool was being used</p> <p>Ensured that all electrical connections were proper and all electronics were in working order</p>	

Tasks	Hazard	Controls	Responsible Employee
Employee Observation	<p>Unsafe behavior by employees</p> <p>Injury caused by employee fault</p>	<p>We ensured that our employees were properly educated on how to act in the workshop and how to deal with other unsafe behavior</p> <p>Employees were discouraged to roughhouse of any type while in workshop or on poolside with ROV as this could result in serious injury</p>	
Working at Other Sites	Injury caused by unfamiliar environment	<p>We ensured that whenever employees were working on job sites they might not be familiar with, extra caution was used to not only avoid damage to our employees and ROV but avoid any damage that may be done to the property as a result</p>	

