



# Job Safety & Environmental Analysis

Corner Brook Regional High, Corner Brook, Newfoundland and Labrador, Canada

MATE International ROV Competition 2017, Ranger Class

Task: Pre-Flight Set Up

Analyzed by:

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Date:

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Safety Delegate Signoff:

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Steps	Hazards	Controls	Action Items	Responsible Employee
<b>Housekeeping</b>	<ul style="list-style-type: none"> <li>- Tripping hazards</li> <li>- Leftover clutter</li> </ul>	Elimination: Remove left over materials from previous station user. Remove unnecessary debris on floor to prevent trips and slips.		
<b>Pre-flight Setup</b>	- Improper connections leading to electrocution	Elimination: Insulate all electrical equipment before entering work station. Troubleshoot all un-safe electrical work prior to launch.		



# Job Safety & Environmental Analysis

Corner Brook Regional High, Corner Brook, Newfoundland and Labrador, Canada

MATE International ROV Competition 2017, Ranger Class

Task: Launching/Operating ROV

Analyzed by: \_\_\_\_\_

Date: \_\_\_\_\_

Safety Delegate Signoff: \_\_\_\_\_

Steps	Hazards	Controls	Action Items	Responsible Employee
<b>Launch</b>	<ul style="list-style-type: none"> <li>-Improper protective barriers surrounding pool</li> <li>- Slipping Hazards</li> <li>-Open Water Hazard</li> </ul>	<p>Elimination: Organize tether to prevent tangling during launch.</p> <p>Substitution: Use buddie system when launching ROV into the pool in replacement of protective barrier, preventing employees from falling into water. Ensure one hand of buddy is on the upper body of the deploying employee.</p> <p>Personal Protection Equipment: Use Personal Floatation Device when launching ROV or on deck of the pool.</p>		
<b>Flight</b>	<ul style="list-style-type: none"> <li>-Tether tripping hazard</li> <li>-Action Orientated mindset</li> </ul>	<p>Elimination: Use proper coiling procedures for tether.</p> <p>Administrative Controls: Keep corporate safety mindset in utmost importance. Remind fellow colleagues to do the same when supporting the task at hand.</p>		



# Job Safety & Environmental Analysis

Corner Brook Regional High, Corner Brook, Newfoundland and Labrador, Canada

MATE International ROV Competition 2017, Ranger Class

Task: Recovery/Teardown of ROV

Analyzed by:

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Date:

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Safety Delegate Signoff:

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Steps	Hazards	Controls	Action Items	Responsible Employee
<b>Recovery/Post Flight</b>	<ul style="list-style-type: none"> <li>- Rotational Hazards</li> <li>- Falling Hazards</li> <li>- Tripping Hazards</li> </ul>	<p>Elimination: Ensure following Safety Checklist when recovering ROV. Ensure thrusters are off to prevent injuries involving rotational hazards. Ensure tripping hazards are known and eliminated to the best of the worker's ability. Continue to use buddy system to protect employees falling into the pool.</p>		
<b>Post Flight Teardown</b>	<ul style="list-style-type: none"> <li>- Electrocutation</li> <li>- Un-safe shutdown</li> </ul>	<p>Administrative Controls: Follow Safety Checklist for proper teardown order and insure all hazards are minimized.</p>		