



Eastern Edge Robotics: Job Safety Analysis

These forms must be completed before performing any task for the working date. This ensures that the safety for all employees are accounted for and all risk analysis is completed.

Task #: _____ Location: _____ Form #: _____
 Date: _____

Employee: _____ SO(s): _____

Task Overview			Harm Level (See Chart Below)			Risk Mitigation	
Description of Work	Task Steps	Hazards & Effects	Likelihood	Severity	Risk Rating	Controls	PPE

Risk Rating Chart

		Severity of Harm				
		Very Minor	Minor	Moderate	High	Extreme
Likelihood of Harm	Very unlikely (0-15% chance)	Very Low	Very Low	Very Low	Medium	High
	Unlikely (16-25% chance)	Very Low	Very Low	Medium	High	Very High
	Moderately (26 - 50% chance)	Very Low	Medium	Medium	High	Very High
	Likely (51-70% chance)	Medium	Medium	High	Very High	Very High
	Very likely (>70% chance)	Medium	Medium	High	Very High	Very High

Type of control	Symbol	Description
Engineering	E	Engineered equipment to Prevent injuries
Administrative	A	Rules and regulations in place to prevent injuries
PPE	P	Personal Protective Equipment



Operational Safety Checklist

Memorial University, St. John's, Newfoundland and Labrador, Canada

MATE International ROV Competition 2023, Explorer Class

JSA Completed? Yes No Date completed: _____

Employees Involved: _____

Pre-Mission Safety Checklist	
Complete?	Task
	Tether is neatly coiled and clipped in company standard figure 8
	Vehicle power switch is in 'OFF' position
	Deck Crew is wearing Eye Protection, Personal Flotation Devices and Work Boots
	Topsides laptop is fully charged and spare charger is brought
	Access hazards are removed
	Air compressor is properly adjusted and hooked up with releases unhindered

Teardown Safety Checklist	
Complete?	Task
	All power sources safely powered off and disconnected
	Tether is neatly coiled and clipped in company standard figure 8
	Excess water removed from vehicle
	Access hazards are removed
	Access air is releases from air compressor

Operational Safety Hazards	
	No hands on vehicle without software locked
	No excess tether left uncoiled on deck
	Be cautious of slip hazards generated by water from vehicle, tether, etc.
	Keep wet objects/personnel away from Topsides
	Any cabling or connections should be both secure and tidy
	Use proper lifting techniques when carrying equipment from work area