

## JOB SAFETY ANALYSIS

### Safety for **Robotic Services Junior**

#### Building and Operating the Batfish

Activity	Hazard	Control
Building the ROV		
Electrical Currents	Electrocution	Keep items turned off until clean connections ensured
Hot Tools (Heat Gun, Soldering Iron, Glue Gun)	Burns	Use gloves and safety goggles when operating hot tools at all times; when not in use, turned off
	Equipment Damage	Ensure items have time to cool down before storing
Sharp Objects (Knives, Cutters)	Cuts	Use out of proximity of other team members, always use gloves and safety goggles (avoid fragments)
Operating the ROV		
Tether Management	Trip hazard	When not in use, keep tether in the tether reel; when in use, ensure tether is maintained
Loose Attachments/Tools	Trip hazard	Keep all items in their designated boxes
Slippery Surfaces	Trip hazard	Walk carefully, wear shoes with grip
starting of motors/ thrust	Hand injury or cut	Put warning sign/ stickers on the thruster. Ensure the thruster control is off when in contact with the Stingray. Call "Power on" before turn on the thruster
Control Box (when turned on)	Wet weather/ electrocution	Keep box turned off until in use, use sun shade to avoid rain

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