

Job Safety Analysis (JSA)

Company:

Sea Sweepers ROV

JSA Prepared By:

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Activity	Hazard	Control Risk	Responsibility
Building the ROV			
Electrical Currents	Electrocution	Keep items turned off until clean connections ensured	Pilot, Engineer
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	Engineer
Hot Tools (Heat Gun, Soldering Iron, Glue Gun)	Equipment Damage	Ensure items have time to cool down before storing	Engineer
Vapors from Iron	Metal fumes	Safety goggles in use at all times, only use little amounts at all times in order to avoid breathing fumes.	Engineer
Sharp Objects (Knives, Cutters)	Cuts	Use out of proximity of other team members, always use gloves and safety goggles (avoid fragments)	all
Operating the ROV			
Tether Management	Trip hazard	When not in use, keep tether in the tether reel; when in use, ensure tether is maintained	Tether Manager
Loose Attachments/Tools	Trip hazard	Keep all items in their designated boxes	Tether Manager
Slippery Surfaces	Trip hazard	Walk carefully, wear shoes with grip	all
Control Box (when turned on)	Wet weather/ electrocution	Keep box turned off until in use, use sun shade to avoid rain	Pilot

Notes:

Box and vehicle to only be transported and operated by members designated to do so