



Job Safety Analysis (JSA)

Company: gROVer exploration

Location: Grove Academy, Dundee, Scotland

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Job	Hazard	Control Risk	Responsibility
Constructing the ROV			
Hot tools (Blow torch, Glue gun, Soldering iron)	Burns	Use gloves and goggles when operating these tools and switch the tools off when not in operation	Engineers
Hot tools (Blow torch, Glue gun, Soldering iron)	Equipment Damages	Allow the tools enough time to cool down before storing them	Engineers
Sharp tools (Knives and saws)	Cuts	Use gloves and goggles and use these tools out of proximity of other team members	Engineers
Electrical Currents	Electrocution	Keep items turned off connections are secure and are ready to be turned on	Engineers
Operating the ROV			
Slippery surfaces	Trip Hazard	Walk with care and wear shoes with grip	Everyone
Loose props/tools	Trip Hazard	Keep the props and tools organised and a good distance away from the pool	Tether Manager
Tether Management	Trip Hazard	Maintain the tether when in use and place tether in the tether reel when not in use	Tether Manager
Control System	Electrocution	Ensure that the connections are secure before turning on, keep the control system a good distance away from the pool and	Programmer