

# JOB SAFETY ANALYSIS

## SAFETY INFORMATION FOR PROVEN ROBOTICS ROV

Task	Hazards	Controls
Deploying ROV into pool	Slip or lose balance and fall into deep water (drowning)	Ensure deployment area is clear of tripping hazards, only let arms and hands go in water, wear shoes with good traction
Connecting tether to ROV and laptop	Arms or legs could get caught in tether	Ensure all connections are secure, cables are tied off to their anchor point, and there are no loops in tether large enough to catch limbs
Connect tether to power supply	Electrocution	Ensure the power supply is off when tether is being connected, all hands off vehicle during initial power on
Retrieval of ROV	Muscle strain (particularly back)	Always have at least two people pull ROV out of the water, kneel down to ensure one neither over-stretches or bends down too far

Required Training: Emergency shutdown procedures, proper deployment and retrieval techniques

Required PPE: Safety glasses, Closed-toed shoes, Non-Slip shoes