

Job Safety Analysis: OD-4D

Task	Safety Hazard	Safety Precaution
Carry ROV/Place in water	Tangled feet in tether	Strict tether management protocol
	Drop ROV on feet	Wearing close-toed shoes
	Back injury from improper lifting	Follow proper lifting technique Use of a trolley for transport
Testing ROV thrusters	Hands caught in thrusters	Proper Warning labels, cowlings and grates Rule of "Hands off" when power on
Use of tools	Injury from sharp edges/ blades	Proper training prior to using tools. Correct tools used for tasks Use of proper protective equipment
Soldering	Inhalation of fumes	Solder in a properly ventilated area
	Risk of burning skin	Wear proper protective equipment Proper instruction prior to soldering
CNC Routering	Hearing Damage	Use ear plugs
	Eye damage	Always wear safety glasses Always close door when running
	Cuts from spinning bit	Ensure bit has stopped spinning prior to opening door
Electronic Testing	Shock or Electrocutation	Proper fuse No electronic testing around water