

## **Mintlaw ROV Jobsite Safety and Environmental Analysis (JSEA)**

<b>Identified hazard</b>	<b>Who may be harmed and how</b>	<b>Precautions taken to control risks</b>	<b>Responsible persons</b>
Poolside operation	Persons at poolside could drown if fallen into water and become submerged. Personnel topside and divers could experience electric shocks or burns from short circuits.	<p>There are numerous risks regarding poolside operation. These can be minimised drastically if all the following measures are used:</p> <ul style="list-style-type: none"> <li>• All personnel poolside should be confident and competent swimmers in case of falling into water</li> <li>• Number of personnel poolside should be minimised to only essential roles</li> <li>• All personnel should be made aware before systems become live</li> <li>• The tether manager should always keep the tether out of harm's way and free of 'kinks'</li> <li>• The vehicle should be launched and recovered with care and communication to the pilot and other crew is essential</li> </ul>	Pilot Tether manager Safety officer
Trip hazards	Persons in workspace could suffer a trip, slip, or fall injuring themselves.	<p>Any resources used to carry out work to systems should be neatly stored away after use.</p> <p>When operating vehicle, power and data cables should be neatly routed.</p> <p>Tether should be neatly and safely coiled when not in use and when systems are live, tether manager should ensure tether always has slack and is not tangled.</p>	Poolside engineer Safety officer
Exposed wiring	Persons involved in live testing/operations could be experience electric shocks or suffer burns from short circuits.	<p>All wiring should be insulated and if control box, safely covered by panelling if unable to properly insulate (i.e. PCBs.)</p> <p>Tether should be regularly checked as part of the post-flight inspection to ensure no 'nicks' or kinks.</p> <p>To ensure safety at poolside, control panel should never be lifted in case water enters wiring.</p>	Poolside engineer Safety officer