



ASU NASA Space Grant Robotics

Job Safety Analysis

Weyerhaeuser King County Aquatic Center, Federal Way WA USA

Potential Hazard Identification and Actions

Task	Hazard	Control
Deploying ROV	Slip and fall into pool	Make sure that the pool deck is clear of tripping hazards and that deploying members have sure footing before deployment
Powering on the ROV	Loose Electrical Connections (Electrocution)	Make sure all connections are secure prior to turning on the ROV and that all team members are clear of ROV for power up
Tether Management	Trip over Tether	Make sure that all members are clear of the tether and that the tether is neatly organized on the pool deck to prevent additional risk due to tangles
Placing objects into the ROV	Injury due to ROV actions	Make sure all hands are clear of all moving parts of the ROV before any control input is given
Retrieval of ROV	Muscle Injury	Make sure that retrieving team members are using proper form when lifting the ROV out of the water