

Job Title:	Page 1 of 1	JSA No: LBCC-1	DATE: 5-25-2017 Rev: 1
Equipment: ROV and Surface Support equipment	Supervisor: Bottreypich Chap		Analysis By: Bottreypich Chap
Department: Electrical			Revised By: Edward Gonzalez
Required Personal Protective Equipment: Closed toe boots, long pants, shirts with sleeves, gloves, safety glasses			
JOB STEPS	POTENTIAL HAZARDS	RECOMMENDED SAFE JOB PROCEDURES	
1. Transport ROV to job site	<ul style="list-style-type: none"> Traffic while crossing Carson Street Bumps and dips in both sidewalk and street 	<ol style="list-style-type: none"> Verify that all equipment is properly secured before transport. Cross street only on a new green providing maximum transit time. Someone should both lead and follow the ROV cart looking for additional hazards. 	
2. Setup Prior to Product Demonstration	<ul style="list-style-type: none"> Trip hazards from excess tether Trip hazards from ROV located too close to control station. Moving part hazard if ROV powered up out of sequence or while being handled. Possible finger pinch while handling ROV Back strain while improperly lifting 	<ol style="list-style-type: none"> Locate work area Roll Support cart into position Remove ROV from case and place on pool deck using proper lifting technique Remove 15 feet of tether from reel and place on pool deck edge out of traffic Locate power supply, verify 48V Verify that Emergency power off switch is in the OFF position (down) Plug in power cord to tether reel Plug in power cord to power supply. Confirm that ROV is clear 	
10. Product Demonstration	<ul style="list-style-type: none"> Possible finger pinch if ROV energized while handling. Trip hazard during product demonstration Back Strain while launching ROV 	<ol style="list-style-type: none"> Wear gloves while handling ROV and tether Awareness of Tether location at all times. Launch ROV from a kneeling position to take any strain off of back. 	
11. Demobilization	<ul style="list-style-type: none"> Trip hazards from excess tether Trip hazards from ROV located too close to control station. Moving part hazard if ROV powered up while removing from pool. 	<ol style="list-style-type: none"> Shut down power to ROV Reel in as much tether as possible Remove ROV from water while unpowered Complete reeling tether in and stow ROV Disconnect power from supply 	