

No.	Task	Potential consequence	Consequence	Risk			Risk reducing measures	Responsible	HSE coordinator
				LH	SY	RR			
1	Setting up the ROV into control position	Heavy objects / ROV	Toe damage, back strain	3	3	9	Always be two when lifting heavy objects. Use correct lifting technique.	_____ Sign	_____ Sign
		Caught in-between objects	Finger damage	3	3	3	Care used when stabling and opening boxes.		
2	Connecting the ROV	Exposed wires	Electrocution	1	5	5	Avoid contact with exposed wires. Stop operation if detected	_____ Sign	_____ Sign
		Fingers in motors	Finger damage	2	4	8	Power off when handling the ROV. Avoid placing fingers in motors.		
		Fall to the same level	General trauma	3	5	15	Shoes with good traction. Tidy working area. Mark obstacles.		
3	Dry testing of ROV	Fingers in motors	Finger damage	4	2	8	Power off when handling the ROV. Avoid placing fingers in motors.	_____ Sign	_____ Sign
		Flying debris / disintegrating motors	Eye damage	1	5	5	Turn away when starting the ROV on land.		
		Hair in motors	Neck strain, scalping	1	4	4	Long hair should be braided or hairnet used when handling the ROV.		

4	Putting the ROV into the water	<p>Falling into the water</p> <p>Fall to the same level</p> <p>Heavy objects / ROV</p> <p>Hair in motor</p>	<p>Drowning</p> <p>General trauma</p> <p>Toe damage, back strain</p> <p>Neck strain, scalping</p>	2	5	5	<p>Avoid standing close to the water unless necessary, especially if you can't swim.</p> <p>Shoes with good traction.</p> <p>Tidy working area.</p> <p>Always be two when lifting heavy objects. Use correct lifting technique.</p> <p>Long hair should be braided when handling the ROV.</p>	_____	_____
5	ROV operation	<p>Falling into the water</p> <p>Entangled in tether</p>	<p>Drowning</p> <p>Fall into water, drowning, fall to same level</p>	2	5	10	<p>Avoid standing close to the water unless necessary, especially if you can't swim.</p> <p>Proper tether management, avoid loops in tether</p>	_____	_____
6	ROV retrieval	Falling into the water	Drowning	2	5	10	Avoid standing close to the water unless necessary,		

		Entangled in tether	Fall into water, fall to same level.	2	5	10	especially if you can't swim. Proper tether management, avoid loops in tether		
		Fingers in motors	Finger damage	1	5	5	Power off when handling the ROV. Avoid placing fingers in motors		
		Heavy objects / ROV	Toe damage, back strain	2	4	8	Always be two when lifting heavy objects. Use correct lifting technique.		
		Fall to the same level	General trauma	3	4	12	Shoes with good traction. Tidy working area.		
		Hair in motors	Neck strain, scalping	1	5	5	Long hair should be braided or hairnet used when handling the ROV.	_____ Sign	_____ Sign
7	Packing and disconnecting the ROV	Exposed wires	Electrocution	2	5	10	Avoid contact with exposed wires. Stop operation if detected.		
		Caught in-between objects	Finger damage	3	3	9	Care used when stabling and opening boxes		
		Heavy objects / ROV	Toe damage, back strain	2	4	8	Always be two when lifting heavy objects. Use correct		

							lifting technique		
								Sign	Sign

Risk Rating = Likelihood x Severity

S e v e r i t y	Catastrophic	5	5	10	15	20	25
	Significant	4	4	8	12	16	20
	Moderate	3	3	6	9	12	15
	Low	2	2	4	6	8	10
	Negligible	1	1	2	3	4	5
			1	2	3	4	5
			Improbable	Remote	Occasional	Probable	Frequent
			Likelihood				

- Catastrophic ■ STOP
- Unacceptable ■ URGENT ACTION
- Undesirable ■ ACTION
- Acceptable ■ MONITOR
- Desirable ■ NO ACTION

JSA for Uis Subsea

Job_____

Date_____

Location_____