MEMORIAL UNIVERSITY

Job Safety Analysis (JSA)

Supervisor: _____

ACTIVITY:		LOCATION:		DATE:			
Steps in Task	Associated Hazards	Hazard Effect	Hazard Controls	Residual Risk (with controls)			
				C	P	Risk Rating	Control Implemented

	Hazard Consequence Outcome (C)	Probability (P)					Risk Rating	Probability Guidelines
	Injury	**Very Unlikely**	**Unlikely**	**Possible**	**Likely**	**Very Likely**	L = Low Risk – may be acceptable; however review if risk can be reduced further. M = Medium Risk – additional considerations and risk reduction measures are required. Where personal injury is very unlikely to happen then the task may proceed after management approval. H = Unacceptable Risk – the task must not proceed: The task should be redefined or further control measures put in place to reduce the risk.	1. **Very unlikely** – May only occur at exceptional times (facility lifetime). 2. **Unlikely** – Could occur at sometimes (10-25 years). 3. **Possible** – Should occur sometimes (2-10 years). 4. **Likely** – Probably occur most times (1-2 years). 5. **Very Likely** – Expected to occur most times (less than 1 year).
		1	**2**	**3**	**4**	**5**		
A	**Very Serious** Death or multiple serious long-term injuries	L	M	H	H	H		
B	**Serious** Day away from work case injury	L	M	M	H	H		
C	**Moderate** Restricted work case injury	L	L	M	H	H		
D	**Slight** Medical treatment case injury	L	L	L	M	M		
E	**Negligible** First aid case or no specific treatment	L	L	L	L	L		

Date	Names and signatures of team members who have participated and/or reviewed this JSA

Some useful prompts when assessing hazards			
• Slip / trip / fall hazards	• Restricted access /egress	• Voltage	• Unstable objectives
• Chemicals /pollution / contaminants	• Weak structures	• Noise	• Explosives
• Moving parts of machinery / vehicles	• Ship heave or roll	• Fumes / noxious gases	• Weather conditions
• Pressure / vacuum	• Crane operations	• Manual handling	• Bacteria, virus, disease
• Working over side	• Vibration	• Low / high temperature	• Dangerous animals
• Dust	• Sparks / material from welding/grinding	• Radiation	• Task with repetitive strain
• Position and entrapment	• Flammable materials	• Hydrocarbons	
• Lighting levels	• Moving / swinging objects	• Posture	