

Where practicable Eliminate the risk: • If not practicable to eliminate, minimise risk. Refer to <i>Hierarchy of Risk Controls Table</i> • The <i>Risk Assessment Matrix</i> shall be used to assess the Risk Score of an identified Hazard • Selected <i>Control Measures</i> are to be <i>Proportionate to Risk Category</i> • Residual Risk Category to be green.						
Job Step	Section A Break down of work activity into steps	Section B Issue/Hazard Identification/Impact Identify the potential hazards of the work activity (i.e. what can cause harm/damage)	Section C Risk Score (RS) (No Controls in Place) Refer to Matrix	Section D Risk Controls Recommended OHS/Environmental/Quality Controls. (Eliminate Where Practicable. Refer to Hierarchy of Risk Controls)	Section E Residual Risk Score (RS) (Controls in Place) Refer to Matrix	Section F Responsible Person Who will make sure this happens?
			RS		RS	
1.	Commencement of work on site.	Unfamiliar with site working hazards & conditions.	C4	RCA and Triple M's site induction are to be undertaken prior to the commencement of any works.	D4	Site Supervisor.
			N/A	All workers are to participate in a daily tool box talk and complete a 'Tool Box Consultation Record' (SAF-20).	N/A	Site Supervisor.
			C4	All workers are to scan in at security prior to entering the building. All visitors are to sign in at security prior to entering the building and remain with inducted personnel at all times.	D4	All workers.
2.	Delivery tools & safety equipment to work face.	Collision with co-workers and site conditions.	B4	Ensure clear passage prior to transporting tools & safety equipment. Use a spotter as required.	D4	All workers.
			C3	Retract blade of knife whilst not in use.	D4	All workers.
3.	Building dam around pipe(s) to be frozen.	Cuts from knife.	C3	Ladders must be in good working order. The person using the ladder must have three (3) points of support. Ensure ladders are secured to anchor points or footed (where applicable).	D3	All workers.
			C3	Fall from unstable / unsafe ladder (Note: the use of a ladder is only to be considered when either a scissor lift or mobile scaffold is not possible or practicable).	D3	All workers.
4.	Unloading of liquid nitrogen tanks.	Body stress when lifting tanks off truck.	C3	Allocate appropriate manpower as required. Use trolleys where necessary.	D4	All workers.
5.	Moving & transporting of liquid nitrogen tanks to work face.	Body stress when lifting & moving tanks.	C3	Allocate appropriate manpower as required. Use trolleys where necessary.	D4	All workers.
6.	Set up of liquid nitrogen tanks where pipes are to be frozen.	Tripping over materials.	C4	Ensure area of work is clear prior to commencing. Store all tools & equipment in their appropriate location.	D4	All workers.
			C4	Locate tanks away from egress path(s).	D4	All workers.
			B3	Maintain good contact with containers at all times.	C3	All workers.
7.	Bringing the liquid nitrogen to the dam.	Spillage.	B3	Watch fill level within dam.	C3	All workers.
			B3		D3	All workers.
			C2		D3	All workers.
8.	Removal of dam after freeze is complete.	Cold burn from liquid nitrogen. Eye injury from liquid nitrogen. Cold burn from liquid nitrogen and/or pipe.	B3	Wear gloves whilst removing dam.	D3	All workers.
			C3		D4	All workers.
9.	Moving, transporting & loading of liquid nitrogen tanks off site.	Body stress when handling tanks.	C3	Allocate appropriate manpower as required. Use trolleys where necessary.	D4	All workers.
10.	Completion of work on site.	Emergency situation on site requiring evacuation. People on site not being accounted for or visitors not knowing egress routes.	C4	All workers are to scan out at security prior to leaving the building. All visitors are to sign out at security prior to leaving the building and remain with inducted personnel at all times.	D4	Site Supervisor & all workers.