

Risk Assessment Form

PERSONS AT RISK : (X) Employees () Contractors () Public () Visitors (X) Others		Reference No: BIO RA LN2			
Risk: (H) High (M) Medium (L) Low (O) No Risk.		Environment: Biorepository			
TASK or ACTIVITY: RHH Liquid Nitrogen Store		INITIAL RISK RATING	EXISTING CONTROL/PROPOSED CONTROL MEASURES		
SIGNIFICANT HAZARD	POTENTIAL CONSEQUENCES OF HAZARDS				FINAL RISK RATING
Liquid nitrogen	frostbite	H	COSHH Assessment and Safety procedure in place for the safe handling of liquid nitrogen		
	Asphyxiation due to rapid conversion of liquid to gas in a confined space	H	Oxygen depletion monitors and alarms installed where the vessels are to be kept in the laboratory. Sensors calibrated and serviced at regular intervals.		
		M	Protective clothing worn Procedure to be carried out by trained personnel only.		
Security of facility	Risk of break in	L	room on suited lock Building covered by CCTV Access to C road restricted to authorised personnel		
Isolated working	risk of attack	L	* Inform someone when you intend to work in LN2 room		
	personal injury	L	* Advise of an expected time of return * Ensure door is locked behind you whilst in facility		
Human Biological material	Risk of Infection	L	Follow SOP and Risk assessment for the use of Human Tissue Use appropriate safety equipment Dispose of using appropriate waste stream		
Comments:				Overall Risk:	L
Protective clothing includes, laboratory coats, gloves that are designed for working with cryogenics and clear plastic goggles with side protection.					
When decanting liquid nitrogen it should be done slowly to avoid splashing					
Staff should have completed the Safe use of Cryogenics Course					
Additional References, Tasks etc					
Attended Safety Services "Manual Handling Training" Course is recommended					
Safety Services Guidelines in "The Use of Cryogenic Fluids"					
Undertaken By: Steven Haynes					
Other Persons Consulted Kevin Corke					
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