

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	FINAL RISK RATING
SIGNIFICANT HAZARD	POTENTIAL CONSEQUENCES OF HAZARDS		
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 personel only.
Security of facility	Risk of break in	L	room on suited lock Building covered by CCTV Access to C road restricted to authorised personel
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:
Protective clothing includes, laboratory coats, gloves that are designed for working with cryogenes and clear plastic goggles with side protection.			L
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 Consulte Kevin Corke			
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