

OHS RISK ASSESSMENT AND CONTROL FORMRisk Assessment Completed by:
Kate Dixon - School HSOFaculty: **Science**School: **Molecular & Biomedical Science**

RMSS Number:

TBA

Initial Issue Date:

2nd September 2009

Current Version:

1.1

Current Version Date:

10th January 2011

Next Review Date:

10th January 2016

Risk Assessment Title:

ULTRACOLD -80C FREEZER

Step 1: Identify the activity

Describe the activity:

Use of -80C Ultracold Freezers

Describe the location:

Various locations within the School

Step 2: Identify who may be at risk by the activity

Staff and students using the freezers.

Step 3: Identify the hazards, risks, and rate the risks

- Using the following table, identify the risks and hazards associated with the particular plant, chemical or process.
- List existing controls and determine a risk rating using MBS Risk Rating Procedure.
- Additional risk controls may be required to achieve an acceptable level of risk. Re-rate the risk if additional controls are required.

C: Consequence

L: Likelihood

R: Rating L - VH

ITEMS IN RED MARK UPDATES FROM PREVIOUS VERSION

Hazards	Associated Risks	Risk Rating with current controls:			Controls	Risk Rating with Additional Controls:		
		C	L	R		C	L	R
Electricity	Electric shock caused by electrical fault, worn cabling etc.	M (Major)	R (Rare)	M (Medium)	Equipment serviced/maintained as per manufacturer's recommendations. Electrical testing conducted as per AS3760.			
Chemical/Hazardous Substances/ Biological hazards	Physical effects from exposure to hazardous substances/biological agents.	M (Moderate)	U (Unlikely)	M (Medium)	SOPs must be available. Training in awareness of hazardous substances/chemicals/biological agents. PPE - ultra-cold protective gloves, lab coats and safety glasses must be worn. Triple containment of items being stored.			
Water/Liquid	Slipping on wet floor	M (Moderate)	U (Unlikely)	M (Medium)	SOPs must be available. PPE - ultra-cold protective gloves, lab coats and safety glasses must be worn. Signage to be placed in area when spills or defrosting occur. Spills must be cleaned up immediately.			
Frost/Extreme cold	Frost burns to skin	M (Major)	U (Unlikely)	M (Medium)	SOPs must be available. Users required to wear ultra-cold protective gloves, lab coat and safety glasses.			
Manual handling	Strain injuries from over-reaching to the top shelf.	M (Moderate)	U (Unlikely)	M (Medium)	Where appropriate, use an elephants foot safety step to reach top shelves.			

Step 4: Documentation and initial approval:

Completed by: Kate Dixon	Signed: Kate Dixon	Subject Matter Expert: Antony Richardson	Date: 20/12/2010
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Step 5: Implement the controls/any additional controls identified

Indicate briefly any additional controls that have been implemented, when and by whom.		
Risk Control:	Date:	Implemented by:

Risk Control:	Date:	Implemented by:
Risk Control:	Date:	Implemented by:

Step 6: Monitor and review the risk controls

It is important to monitor risk controls and review risk assessments regularly. Review is required when there is a change in the process, relevant legal changes, and where a cause for concern has arisen. If the risk assessment has substantially changed, a new risk assessment is warranted.

Review Date:	Reviewed by:	Authorised by:
Review Date:	Reviewed by:	Authorised by:
Review Date:	Reviewed by:	Authorised by:
Review Date:	Reviewed by:	Authorised by:
Review Date:	Reviewed by:	Authorised by:

Step 7: Add to Hazard Register

If the identified risk is medium or above after controls have been implemented, the Activity should be signed of by the Head of School and then transferred to the Hazard Register.

Date entered onto Hazard Register:	Head of School Signature:
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