

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

RMSS Number:

Initial Issue Date:

Current Version:

Current Version Date:

Next Review Date:

9/11/2009

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9/11/2009

9/11/2014

Risk Assessment Title:

FREEZE DRYERS

Step 1: Identify the activity

Describe the activity:

Using the Freeze Dryer

Describe the location:

Room 4.52

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

Staff and students who use the equipment

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

Hazards	Associated Risks	Risk Rating with current controls:			Controls	Risk Rating with Additional Controls:		
		C	L	R		C	L	R
Extreme temperature	Burns from vacuum pump	M (Moderate)	U (Unlikely)	M (Medium)	Users must be trained in safe operating procedures before using the equipment. SOP to be available near the equipment. Equipment should be set up so that it is not necessary to touch the pump.			
Chemical/Hazardous substances/microbiological	Illness/symptoms from exposure to chemicals, hazardous substances and/or microbiological agents Chemical/substance spill	M (Moderate)	U (Unlikely)	M (Medium)	Users must be trained in safe operating procedures before using the equipment. Sop to be available near the equipment. Appropriate PPE to be worn at all times - Gloves, lab coat, safety glasses. Read MSDS of substances being used. Eye wash and safety showers to be readily available. Spill kits to be readily available.			
Electricity	Electric shock from electrical components of equipment	M (Major)	R (Rare)	M (Medium)	Users must be trained in safe operating procedures before using the equipment. SOP to be available near the equipment. Equipment must be electrically tested. Equipment must be maintained as per manufacturer's recommendations.			
Glass	Cuts/lacerations from glass if it breaks when put under vacuum.	M (Minor)	U (Unlikely)	L (Low)	Users must be trained in safe operating procedures before using the equipment. SOP to be available near the equipment. Appropriate PPE to be worn at all times - gloves, lab coat, safety glasses.			

Step 4: Documentation and initial approval:

Completed by: Kate Dixon - HSO	Signed: Kate Dixon	Subject Matter Expert: Chris Cursaro	Date: 9/11/2009
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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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