



*This form is to be used in conjunction with the Environment Health and Safety Manual Procedure 3.2 Hazard Identification, Assessment and Control - Application.*

**Information of Activity**

Activity: Freeze Drier

Location: CAB, Veterinary Science, Parkville

Identified by: Laboratories

Date: Update September, 2004

Identified Hazard / Aspect: Use of pump

**Risk Analysis matrix – level of risk**

Identified Hazards	Risk Assessment			Risk Score E x L x C	Risk Level
	Exposure (E)	Likelihood (L)	Consequence (C)		
Burns from hot pump	1	0.1	2	0.2	L
Fumes from oil-pump	1	0.3	2	0.6	L

Definitions					
Exposure E	Likelihood L	Consequence C	Risk Score	Hierarchy of Risk Controls	
Continuously 10	Almost Certain	Catastrophic 20	<b>E</b> >20 <b>H</b> >10 <b>M</b> 3-10	<b>Elimination</b> is a permanent solution and should be attempted in the first instance. <b>Substitution</b> involves replacing the hazard or environmental aspect by one of lower risk. <b>Engineering</b> controls involve physical barriers or structural changes to the environment or process. <b>Administrative</b> controls reduce hazard by altering procedures and providing instructions. <b>Personal protective equipment</b> last resort or temporary control.	
Frequently 6	Likely 0.6	Major 10			
Occasionally 3	Possible 0.3	Moderate 5			
Infrequently 2	Unlikely 0.1	Minor 2	<b>L</b> < 3		
Rarely 1	Rare 0.05	Insignificant 1			

**LEGEND**

E: extreme/significant risk; immediate action required; must be managed by senior management with a detailed plan, notify RMO immediately.

H: high risk, senior management attention needed, detailed research and management planning at senior levels

M: moderate risk, management responsibility must be specified; manage by specific monitoring or response procedures

L: low risk, manage by routine procedures; unlikely to need specific allocation of resources

**Details of Action to be Taken**

Actions: *(These should be determined by both the person(s) identifying the risk and the responsible manager and HSR or Environmental Representative).* When determining action refer to Hierarchy of Risk Control.

Assistance for those not able to lift/carry heavy rotors.

Follow guidelines and correct procedures

Wear personal protective equipment – gloves, lab coat, eye protection

Person assessing the risk: GARRY BARCHAM

Date: 9th September 2004

Authorised by: CAB Laboratory Management Committee

Planned completion date: \_\_\_\_\_

**Actions Completed**

Actions by: \_\_\_\_\_ Completed (Initials & date): \_\_\_\_\_