**Information of Activity**

Activity:  Cryostat Tissue Sectioning  
Location:  CAB, Veterinary Science, Parkville  
Identified by:  Laboratories  
Date:  Update September, 2004  
Identified Hazard / Aspect:  Knife cuts, Cold burns

**Risk Analysis matrix – level of risk**

<table>
<thead>
<tr>
<th>Identified Hazards</th>
<th>Risk Assessment</th>
<th>Risk Score</th>
<th>Risk Level</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Exposure (E)</td>
<td>Likelihood (L)</td>
<td>Consequence (C)</td>
</tr>
<tr>
<td>Knife cuts</td>
<td>3</td>
<td>0.3</td>
<td>2</td>
</tr>
<tr>
<td>Cold burns</td>
<td>3</td>
<td>0.1</td>
<td>1</td>
</tr>
</tbody>
</table>

**Definitions**

- **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

**LEGEND**

- **Elimination**: a permanent solution and should be attempted in the first instance.
- **Substitution**: involves replacing the hazard or environmental aspect by one of lower risk.
- **Engineering**: controls involve physical barriers or structural changes to the environment or process.
- **Administrative**: controls reduce hazard by altering procedures and providing instructions.
- **Personal protective equipment**: last resort or temporary control.

**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

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):  

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