Information of Activity

Activity: Use of Large Centrifuge
Location: CAB, Veterinary Science, Parkville
Identified by: Laboratories
Date: Update 6 September, 2004
Identified Hazard / Aspect: Use and maintenance of Large Centrifuges

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>Rotors (high &amp; super speed), Heavy, Cold +/- Slippery</td>
<td>3</td>
<td>0.3</td>
<td>5</td>
</tr>
<tr>
<td>Spillages (chemical, biological)</td>
<td>2</td>
<td>0.1</td>
<td>10</td>
</tr>
<tr>
<td>Impact if rotor detaches from spindle during spin</td>
<td>3</td>
<td>0.1</td>
<td>20</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** is 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.
- Personal protection equipment (gloves) provided.
- Rotors regularly inspected & services by competent persons. Records/logs kept.
- All spillages must be cleaned up immediately. Relevant MSDS’s provided.

Person assessing the risk: JILL PLEASANCE
Date: 7th September 2004

Authorised by: CAB Laboratory Management Committee

Planned completion date: ___________

Actions Completed

Actions by: __________________________________________
Completed (Initials & date): ________________