



*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: Pouring & Running Microatellite Gels

Location: CAB, Veterinary Science, G7

Identified by: Jill Maddox

Date: Updated 8<sup>th</sup> September, 2004

Identified Hazard / Aspect: Acrylamide spill, radioactive spill, burns from heating block, back injury from washing plates (awkward position).

**Risk Analysis matrix – level of risk**

Likelihood	Consequences					Hierarchy of Risk Controls
	1 Insignificant	2 Minor	3 Moderate	4 Major	5 Catastrophic	
<b>A</b> Almost Certain	H	H	E	E	E	<b>Elimination</b> is a permanent solution and should be attempted in the first instance.
<b>B</b> Likely	M	H	H	E	E	<b>Substitution</b> involves replacing the hazard or environmental aspect by one of lower risk.
<b>C</b> Possible	L	M	H	E	E	<b>Engineering</b> controls involve physical barriers or structural changes to the environment or process.
<b>D</b> Unlikely	L	L	M	H	E	<b>Administrative</b> controls reduce hazard by altering procedures and providing instructions.
<b>E</b> Rare	L	<b>L</b>	M	H	H	<b>Personal protective equipment</b> last resort or temporary control.

**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

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Person assessing the risk: JILL MADDOX

Date: 8<sup>th</sup> September 2004

Authorised by: CAB Laboratory Management Committee

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

**Actions Completed**

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