

**OHS RISK ASSESSMENT AND CONTROL FORM**Risk Assessment Completed by:  
Kate Dixon - School HSOFaculty: **Science**School: **Molecular & Biomedical Science**RMSS Number:  
TBAInitial Issue Date:  
27th August 2009Current Version:  
1Current Version Date:  
27th August 2009Next Review Date:  
27th August 2014**Risk Assessment Title:** MICROWAVES**Step 1: Identify the activity**

Describe the activity:

LABORATORIES: Use of Microwave Ovens in laboratory research to heat solutions, prepare solutions, melt agarose for polyacrylamide gels  
TEA ROOMS: Heating food and drinks

Describe the location:

Various locations around the School

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

Staff and Students using the Microwave Oven

**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
Heat/Steam	Burns from heated liquids/solutions or food	M (Minor)	S (Slight)	M (Medium)	In laboratories: wear thermal gloves, lab coat, protective glasses. In kitchens: use gloves/pot holders to remove food from microwave.			
Electricity	Electric shock from power	M (Major)	R (Rare)	M (Medium)	Items must be tested and tagged as per AS3760.			
Biological/Chemical	Physical effects from food eaten when heated in a lab microwave.	M (Moderate)	R (Rare)	L (Low)	No food or drink to be heated in laboratory microwaves. No laboratory solutions/substances to be heated in kitchens. Signage on microwaves demonstrating this.			

**Step 4: Documentation and initial approval:**

Completed by: Kate Dixon	Signed: Kate Dixon	Subject Matter Expert:	Date: 27th August 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:
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**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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