

RISK ASSESSMENT DETAILS

RISK ASSESSMENT TITLE

Shakers, Mixers, Rocking Platforms (includes Orbital Shaker Incubators)

RISK ASSESSMENT COMPLETED BY:	SUBJECT MATTER EXPERT:	RA NUMBER:
Kate Millan – Health & Safety Officer		MBS127
VERSION:	VERSION DATE:	REVIEW DATE:
2	02/02/2011	02/02/2016

IMPORTANT NOTES

PERSONS AT RISK

Users of the equipment

REFERENCED DOCUMENTATION: (list any other sources of information that relates to this risk assessment, e.g. SOPs, other Risk Assessments etc)

MSDS for Chemicals

OVERALL RISK RATING

Low/Medium

HAZARD IDENTIFICATION & RISK ASSESSMENT (use the Risk Matrix below to assess the risk)

HAZARD 1:

Sharps/Glass

ASSOCIATED RISKS:

Cuts from broken glass on the equipment

MEASURES REQUIRED TO REDUCE RISK:

1. Keep platform clear of objects when in use.
2. Place objects on platform neatly and in a stable position.
3. Do not overload the shaker.
4. Use cut resistant gloves to clean up broken glass.

RESIDUAL RISK (When all control measures have been implemented)	CONSEQUENCE	LIKELIHOOD	RISK RATING
	Moderate	Rare	Low

HAZARD 2:

Biological/Chemical

ASSOCIATED RISKS:

Affects from exposure to chemicals/biological hazards when using the equipment.

MEASURES REQUIRED TO REDUCE RISK:

1. Keep platform clear of objects when in use.
2. Place objects on platform neatly and in a stable position.
3. Do not overload the shaker.
4. Wear appropriate PPE – gloves, lab coat and safety glasses.
5. Read the MSDS for any chemicals prior to use.

RESIDUAL RISK (When all control measures have been implemented)	CONSEQUENCE	LIKELIHOOD	RISK RATING
	Moderate	Rare	Low

HAZARD 3:

Electricity

ASSOCIATED RISKS:

Electric Shock

MEASURES REQUIRED TO REDUCE RISK:

1. Equipment must be electrically tested as have a current test tag before use.
2. Equipment must be maintained as per the manufacturer's instructions.

RESIDUAL RISK (When all control measures have been implemented)	CONSEQUENCE	LIKELIHOOD	RISK RATING
	Major	Rare	Medium

ADDITIONAL CONTROLS AFTER REVIEW

RISK CONTROL:

DATE OF REVIEW: REVIEWED BY:

RISK CONTROL:

DATE OF REVIEW: REVIEWED BY:

RISK CONTROL:

DATE OF REVIEW: REVIEWED BY:

HAZARD REGISTER

If the residual risk is high or very-high after controls have been implemented, the risk assessment must be signed off by the Head of School and transferred to the Hazard Register.

DATE ENTERED ON HAZARD REGISTER: HEAD OF SCHOOL SIGNATURE:

RISK MATRIX

		Consequence				
		Negligible	Minor	Moderate	Major	Severe
Likelihood	Almost Certain	M	H	V	V	V
	Likely	M	M	H	V	V
	Slight	L	M	H	H	V
	Unlikely	L	L	M	M	H
	Rare	L	L	L	M	M

Almost Certain	There is an expectation that such an event will occur.	Severe	Injury resulting in death or permanent disability.
Likely	There is an expectation that such an event could occur but not certain to occur.	Major	Injury requires extensive medical treatment, hospitalisation.
Slight	The expectation of this event occurring is between "could" and "improbable".	Moderate	Injury requires formal medical treatment e.g. treatment as an outpatient in a medical facility.
Unlikely	The expectation of this event occurring is doubtful or improbable.	Minor	Injury requires first aid.
Rare	There is no expectation that this event will occur.	Negligible	Injury requires minor first aid or results in short term discomfort e.g. headache, bruise etc.

