

SAFETY GUIDELINES FOR EDUCATION RISK REGISTER

SCHOOL:

YEAR LEVEL: 12

SUPERVISING TEACHERS/STAFF:

DATES:

PROGRAM/EXCURSION: TRANSFORMATION OF E COLI LOCATION(S): KIOSC WANTIRNA (SWINBURNE UNIVERSITY OF TECHNOLOGY)

Risk Description	Existing Controls	Risk Assessment – with existing controls				Treatment	Residual Risk Assessment – after treatments			Actions
		Effectiveness of existing controls	Risk Consequences	Risk Likelihood	Risk Rating		Risk Consequences	Risk Likelihood	Risk Rating	
Describe the risk event, cause/s and consequence/s. For example, <i>Something occurs ... caused by ... leading to ...</i>	Describe any existing policy, procedure, practice or device that acts to minimise the risk					For those risks requiring treatment in addition to the existing controls. List: • What will be done? • Who is accountable? • When will it happen?				Options are: Extreme/High - Do not proceed Medium - Ongoing review required Low - Only periodic review required
Pipette tip skin piercing	Risks and processes described to students prior to laboratory work	Satisfactory Poor Unknown	Severe Major Moderate Minor Insignificant	Almost certain Likely Possible Unlikely Rare	Extreme High Medium Low	Immediate sterilisation (First Aid)	Severe Major Moderate Minor Insignificant	Almost certain Likely Possible Unlikely Rare	Extreme High Medium Low	LOW
Chemicals into eyes	Googles required during attendance	Satisfactory Poor Unknown	Major Moderate Minor Insignificant	Almost certain Likely Unlikely Rare	Extreme High Medium Low	Students constantly surveyed for proper use of goggles	Severe Major Moderate Minor Insignificant	Almost certain Likely Possible Unlikely Rare	Extreme High Medium Low	LOW
Anaphylactic reaction to ampicillin	Students requested to wear gloves	Satisfactory Poor Unknown	Major Moderate Minor Insignificant	Almost certain Likely Unlikely Rare	Extreme High Medium Low	Students to wear gloves Teachers to identify students with anaphylaxis	Severe Major Moderate Minor Insignificant	Almost certain Likely Possible Unlikely Rare	Extreme High Medium Low	LOW
Pipette tip in eyes	Googles required. Staff to monitor at all times.	Satisfactory Poor Unknown	Major Moderate Minor Insignificant	Almost certain Likely Unlikely Rare	Extreme High Medium Low	Eye wash to be applied immediately to remove irritants.	Severe Major Moderate Minor Insignificant	Almost certain Likely Possible Unlikely Rare	Extreme High Medium Low	LOW
Glass breakage leading to cuts	Students advised of safe handling of glassware	Satisfactory Poor Unknown	Major Moderate Minor Insignificant	Almost certain Likely Unlikely Rare	Extreme High Medium Low	Glass breakages to immediately cleaned up by staff	Severe Major Moderate Minor Insignificant	Almost certain Likely Possible Unlikely Rare	Extreme High Medium Low	LOW
E. Coli leakage	Students advised of aseptic techniques. E Coli modified as non-pathogenic.	Satisfactory Poor Unknown	Major Moderate Minor Insignificant	Almost certain Likely Unlikely Rare	Extreme High Medium Low	Sterilisation with bleach of bench and equipment and hand washing	Severe Major Moderate Minor Insignificant	Almost certain Likely Possible Unlikely Rare	Extreme High Medium Low	LOW

Add more rows as required. *This is one way of documenting the risk management process and does not preclude other approaches.*