

Risk Assessment

SILO 1.4 'Light and sound'

Activity: Using a whip

Hazard <i>What are the hazards?</i>	Risks <i>List all risks associated with each hazard.</i>	Risk score before action	Actions <i>What are the preventative actions that will remove or reduce the risk?</i>	Risk score after action
Fast moving whip	Contact injury to body, face or eyes.	9	Ensure students are well clear of the moving whip and are not positioned in the same direction as the whip movement.	2

Risk Score Calculator: Definition of Terms				
Rare	Would only occur in very exceptional circumstances	Insignificant	No personal injury, or a minor first aid; and/or Reversible env. impact; and/or no media coverage; and/or Financial cost under \$2000	
Unlikely	Could occur at some time	Minor	Minor personal injury (first aid treatment); and/or Reversible env. impact requiring minor remediation; and/or Minor adverse local media coverage; and/or Cost \$2000-\$50,000	
Possible	May occur at some time (has happened at other places)	Moderate	Serious personal injury (medical treatment); and/or Reversible env. impact requiring moderate remediation; and/or Minor adverse capital city media coverage; and/or Cost \$50,000-\$250,000	
Likely	Will probably occur again (has happened here before)	Major	Serious Personal Injury/long term absence; and/or Serious env. impact requiring significant remediation; and/or Major adverse/extended national media coverage; and/or Cost \$250,000 - \$1m	
Almost Certain	Is expected to occur here in most circumstances	Catastrophic	Fatality(ies)/ long term impairment; and/or Disastrous env. impact requiring major remediation; and/or Government intervention; and/or Financial cost more than \$1million	

Risk Score Calculator: Matrix					
	Severity/Consequence/Cost				
Likelihood	Insignificant	Minor	Moderate	Major	Catastrophic
Rare	1	3	6	10	15
Unlikely	2	5	9	14	19
Possible	4	8	13	18	22
Likely	7	12	17	21	24
Almost Certain	11	16	20	23	25

Risk Score	Risk Score Response
23 - 25	Severe risk. Highest of priorities. Stop work immediately or consider cessation of work process. Must be rectified immediately.
20 - 22	Very high risk. Requires urgent attention for quick resolution. Consider short term and/or long term actions. Temporary controls to be implemented.
11 - 19	Moderate to high risk. Prompt planning and resolution required with consultation.
4 - 10	Low to moderate risk. Consult and identify controls that are reasonably practicable.
2 - 3	Very low risk. Minor issue for monitoring.
1	Insignificant Risk.