

Risk Assessment Raise Pro 3D

This template is to be used with reference to the **OHS Risk Management Procedure** and OHS Risk Management Guide. For support in conducting a Risk Assessment contact the OHS Advisory Service on 1300 074 715 or email safety@edumail.vic.gov.au.

1. Background Information					
School/Workplace:		North Geelong Secondary College		Date:	2.8.24
Title of Assessment:		Raise Pro 3 3D printer		Name of person conducting assessment:	Luke Scott
2. Risk Assessment					
Identify and list Hazards		List Current Risk Controls	Risk Rating	List Additional Controls (if any)	
1	Burn from nozzle	Protected by insulated shroud Do not touch machine while printing Students to never touch or disassemble the print head – only trained staff to do so following Bambu procedures listed on their website	Low	Staff and students to be trained prior to operating the printer	
2	Crush from moving parts	Keep door closed during operation	Low	Printer to be clear from other objects while printing Staff and students to be trained prior to operating the printer	
3	Burn from build plate	Do not touch the build plate while hot	Low	Staff and students to be trained prior to operating the printer	
4	Electrocution	Only operate if plugged it correctly Do not operate if there is sign of damage on any wires or cables	Medium	Staff and students to be trained prior to operating the printer	

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Using the Matrix

1. Evaluate the **consequences** of a risk occurring according to the ratings in the top row
2. Evaluate the **likelihood** of an incident occurring according to the ratings in the left hand column
3. Calculate the **level of risk** by finding the intersection between the likelihood and the consequences

1. Consequence

Insignificant	1	No injury
Minor	2	Injury/ ill health requiring first aid
Moderate	3	Injury/ill health requiring medical attention
Major	4	Injury/ill health requiring hospital admission
Severe	5	Fatality

2. Likelihood

Rare	1	May occur somewhere, sometime ("Once in a life time / once in a hundred years")
Unlikely	2	May occur somewhere within DET over an extended period of time
Possible	3	May occur several times across DET or a region over a period of time
Likely	4	May be anticipated multiple times over a period of time May occur once every few repetitions of the activity or event
Almost Certain	5	Prone to occur regularly It is anticipated for each repetition of the activity of event

3. Risk level

Likelihood	Consequence				
	Insignificant	Minor	Moderate	Major	Severe
Almost Certain	Medium	High	Extreme	Extreme	Extreme
Likely	Medium	Medium	High	Extreme	Extreme
Possible	Low	Medium	Medium	High	Extreme
Unlikely	Low	Low	Medium	Medium	High
Rare	Low	Low	Low	Medium	Medium

Key

Descriptor	Definition
Extreme:	Notify Workplace Manager and/or Management OHS Nominee immediately. Corrective actions should be taken immediately. Cease associated activity.
High:	Notify Workplace Manager and/or Management OHS Nominee immediately. Corrective actions should be taken within 48 hours of notification.

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Medium:	Notify Nominated employee, HSR / OHS Committee . Nominated employee, OHS Representative / OHS Committee is to follow up that corrective action is taken within 7 days.
Low	Notify Nominated employee, HSR / OHS Committee . Nominated employee, HSR / OHS Committee is to follow up that corrective action is taken within a reasonable time.

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