

Risk Assessment – Practical Engineering

Creator/Reviewer of Risk Assessment	Name Daniel Scholes Signature 
Next Review Date	September 2026

Severity	Likelihood	Risk Rating* (S x L)
1 No or Little Harm	1 Unlikely	1-5 Low
2 Minor/First Aid	2 Possible	6-10 Medium
3 Medical Attention	3 Probable	10+ High
4 Hospitalisation	4 Likely	
5 Death/Irreparable Injury	5 Certain	

Science Oxford Risk Assessment

Hazard	Risk	Control Measures	Severity	Likelihood	Risk Rating*
Use of equipment	Participants Pinching fingers with crocodile clip	• Participants advised how to use crocodile clips, including re-sleeving	1	2	2
	Participants Overheating from short circuit	• Participants advised of risk	2	1	2
	Participants Testing items/sockets using mains electricity	• Activity is controlled and supervised • Objectives are made clear • Risks of mains electricity compared to batteries can be made a teaching point	5	1	5
	All Chemical burns from leaking batteries	• Check batteries are in good working order before session • Store batteries safely between sessions	2	1	2

Please use this risk assessment in conjunction with your own prior assessments and dynamic management of risk.