



Risk Assessment Soldering



Hazards Requiring Attention:

0

AS AT

Tuesday, 30 December 2025

Next Review

Wednesday, 30 December 2026

Total Hazards Recorded

5

Critical Risk Hazards

0

High Risk Hazards

0

Moderate Risk Hazards

3

Low Risk Hazards

2

Risk Matrix - Refer Procedure Risk Management

Probability	Low	Minor	Moderate	Major	Critical
Negligible	L2	L3	L4	M5	M6
Unlikely	L3	L4	M5	M6	H7
Possible	L4	M5	M6	H7	H8
Likely	M5	M6	H7	H8	E9
Almost Certain	M6	H7	H8	E9	E10

Soldering

Activity	Hazard	Probability	Consequence	Ranking	Control	Probability	Consequence	Ranking
Handling Soldering Iron	Burns	4	4	H8	1 - Hold the iron by its handle 2 - Place the iron in the holder when not used 3 - Appropriate PPE - Gloves	1	4	M5
Melting Soldering Flux	Irritation from Inhalation of Fumes	2	3	M5	1 - Good Ventilation 2 - PPE in accordance with SDS	1	3	L4
Melting Soldering Wire	Spatter of Molten Wire Resulting in Eye or Burn Injury	2	4	M6	1 - Appropriate PPE - Eye Protection	1	4	M5
Holding the circuit board, electronic component or solder wire	Burn Injury from Conducted Heat	2	3	M5	1 - Use the clip stand and/or plier to hold the circuit board, component or solder wire.	1	3	L4
Electrical Faults	Electrocution	3	4	H7	1 - Tag & Test in accordance with AS3760:2010	2	4	M6