RA15	RISK ASSESSMENT	AURAretrofit Home Heating and Energy Solutions

Operation/Activity:	Electrical Isolation and Lock Off

Site / Location:	All Sites

Persons at Risk (tick appropriate boxes)			
Employee	✓	Pregnant Women	
Visitor		Disabled Persons	
General Public		Lone Workers	✓
Young Persons		Others	

GUIDE TO RATINGS:

Risk Severity		Risk Likelihood		Risk Rating	
1	Negligible	1	Unlikely	1 - 6	Low
2	Minor	2	Possible	7 - 14	Medium
3	Significant	3	Quite Possible	15 - 25	High
4	Major	4	Likely		
5	Catastrophic	5	Very Likely		

Overall Risk Rating = Low

Describe the hazards associated with the activity/operation.

			Summary of Assessment Overleaf			
		Risk Rating (Before Controls)	Likelihood (L)	Severity (S)	Risk (L x S)	Risk Rating
H1	Electricity	**Medium**	3	1	**3**	**Low**
H2	Operatives being electrocuted	**High**	1	5	**5**	**Low**

Assessed By:	Ian Morgan	Date	18/10/23
Reviewed By:	Craig Knights	Date:	20/08/2025
Approved By:	Gary Robinson	Date:	20/08/2025

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Hazard	Risk Control Measures	Residual Risk		
		Likelihood	Severity	Risk
H1 Electricity	• All circuits are to be worked on are to be isolated Before work commences using the isolation process below.	3	1	**3**
	• Electrical tested to be proven before use, using tester block or on a known live circuit. • Circuit to be tested to be proved live before isolation. • Circuit to be isolated and proved safe. • Electrical tester to be proved after isolation. • Lock off procedure to be followed			
H2 Operatives being electrocuted	• The lock-off procedure must be followed during electrical operations. This includes locking the isolator and displaying warning signage. Keys to lock off device will be held by the person who is working on the circuit.	1	5	**5**
	• The power source will be isolated and rendered inoperative by the responsible person in charge (normally the electrician working on the circuit). This person will then place a lock on the power source, and will retain the key on their person.			
	• A sign stating “Do not switch on” will be clearly displayed on the power source. The name and telephone number of the responsible person doing the lockout-tagout will also be displayed on the sign.			
	• Upon completion of the works the responsible person in charge (normally the electrician working on the circuit) will remove and safely store the sign, lock and key. Reinstate the circuit and safely put back into use. It is the responsibly of the responsible person to ensure that no one is put at risk by putting the circuit back into operation			