

RA51	RISK ASSESSMENT	
-------------	------------------------	---

Operation/Activity:	Installation of Solar PV Modules
----------------------------	---

Site / Location:	All Solar 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	Operatives or bystanders being injured by items falling from scaffolding	Low	2	3	6	Low
H2	Slips trips falls	Medium	2	3	6	Low
H3	Manual Handling.	Medium	2	3	6	Low
H4	Falling from height.	High	2	2	4	Low
H5	Weather conditions	Low	4	1	4	Low
H6	Roof Structure	High	4	2	8	Medium

RA51	RISK ASSESSMENT	 Home Heating and Energy Solutions
-------------	------------------------	--

Assessed By:	Craig Knights	Date	15/08/25
Reviewed By:		Date:	
Approved By:	Gary Robinson	Date:	15/08/25

Hazard	Risk Control Measures	Residual Risk		
		Likelihood	Severity	Risk
General	Scaffolding to be installed by suitably qualified staff or sub-contractors.			
	Persons not involved in the installation of the PV modules are to be excluded from the work area.			
	Space around the work area must be kept clear and tidy, free from obstructions. Floors must be kept clean and properly maintained to prevent tripping, slipping or falling.			
H1 3 rd Party Risk Injury by falling objects	Work area to be kept tidy and free from items that could be accidentally dropped from the scaffolding. Under no circumstances are items to be thrown from the scaffolding onto the ground below.	2	3	6
H2 Slips trips falls	Cables to be secured or covered where practical or routed around work areas away from work area.	2	3	6
	Good standards of housekeeping to be maintained on a daily basis.			
	Debris / Tools / Equipment to be removed from work areas on a daily basis.			
	Particular care to be taken when going up or down Ladder whilst carrying tools or objects, and transitioning from the ladder to the platform			
H3 Manual Handling	Solar panels are relatively large although not heavy this can present manual handling issues.	2	3	6
	Lifting of the panel from the floor onto the scaffolding work platform to be done using a lifting pulley attached to the scaffolding and a solar panel lifting bag.			
H4 Falling from height	Where possible, all work is to be carried out from a scaffolding platform with appropriate.	2	2	4
	Work should be carryout so that if a slip of fall takes place the scaffolding platform provides an arrest point.			
	If limited work is required using a ladder this work must be completed in compliance with RA18 "Working with ladders"			

RA51	RISK ASSESSMENT			
-------------	------------------------	---	--	--

	Due to the relatively short distance from the scaffolding platform to the work position, fall arrest harnesses are not typically considered necessary for this work, but this is subject to change due to the dynamic risk assessment.			
H5 Weather conditions	Risks associated with extremes of weather must be assessed as part of the dynamic risk assessment undertaken on the day of install, and appropriate action taken	4	4	4
H6 Roof Structure	State of repair, structure and type roofing material to be confirmed before installation commences.	4	2	8