

Solar retailers' safety toolkit

Fall protection assessment

This is an EXAMPLE only and should be modified to meet the needs of your business and your fall protection equipment in accordance with the manufacturer's instructions. For example, working height, roof pitch, whether the edge protection needs to be attached to structural elements.

The assessment should be conducted prior to solar installers (workers) being sent to site. This is to ensure that temporary edge protection is provided at the site if reasonably practicable to do so, before the job begins.

NOTE: The [Hierarchy of Control](#) states if it is not possible to use a fall prevention device or a work positioning system, use a fall arrest system. To avoid a fine, you will need to demonstrate to a SafeWork NSW Inspector why higher order controls are not in place and provide supporting documentation.

If a fall arrest system is used (i.e. harness), the installer must have an adequate rescue plan, adequate anchor point plan, and workers must be trained in harness use and rescue/emergency procedures.

REMEMBER: Complete a [safe work method statement \(PDF, 4004.58 KB\)](#) (SWMS) for work where a person could fall from 2 metres and above.

The SWMS needs to be site specific and prepared prior to the commencement of the high risk construction work and must be available to workers and for inspection or penalties may apply.

Installation details

Site address

Date of inspection

Inspection by

Size of system

Site information

Building type	Single storey	Double storey	Multiple storey	Commercial
Roof type	Tile	Colourbond	Other (please specify)	
Skylight/plastic roof sheets	Yes	No		
Roof height	<i>Know the working height that your edge protection system can be setup to</i>			
Roof pitch	<i>Know the degree that your edge protection system can be setup to</i>			
Eave type	<i>Know the type of eave that your edge protection system can be attached to</i>			
Ground type	Flat	Sloped	Concrete	Soil

Fall hazard identification

1. Have all areas requiring access by workers during install been identified? Yes No
2. Have all fall hazards within these areas been identified:
Edges Yes No
Penetrations/voids Yes No
Skylights/weak surfaces Yes No

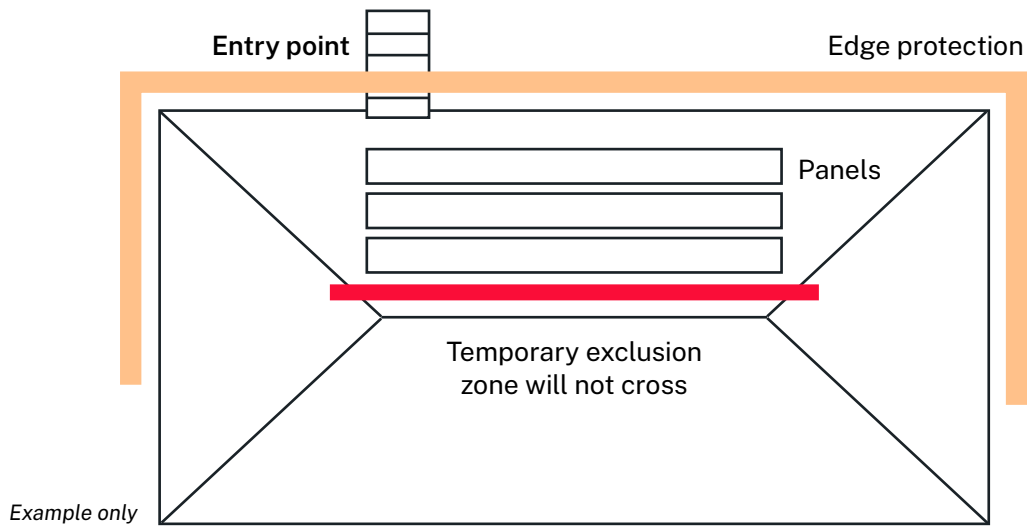
Control measures

1. Can scaffold, EWP, penetration covers and/or edge protection be used on all working edges and penetrations?
Yes No
2. Can covers be used on skylights/weak surfaces? Yes No
3. **If Yes, to Q1 and Q2 draw edge protection layout**
4. If No, to Q1 or Q2 can edge protection and/or penetration covers be installed to some edges/penetrations?
Yes No
5. **If Yes, to Q4 draw edge protection layout and anchor plan for remaining edges**
6. If No, to Q1, Q2 or Q4 record the reasons why higher order controls cannot be installed at the site

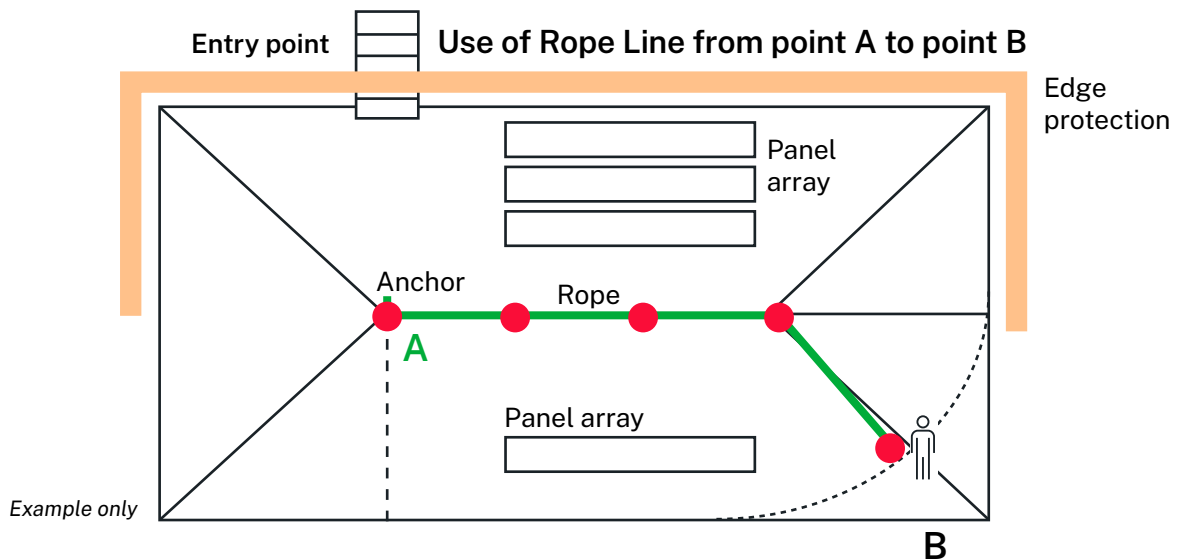
See the [SafeWork NSW Temporary Roof Edge Protection Fact Sheet](#) and [Safety Checklist for Installers](#)

7. **Draw edge protection layout and/or anchor plan in box below. See examples on page 3.**
Refer to [SafeWork NSW Guide to Safe Solar Installations section 8.5](#)

Example – Edge protection plan where edge protection is used on all working edges



Example – Edge protection plan and anchor plan when edge protection cannot be used on all edges



Example – Edge protection plan and anchor plan when edge protection cannot be used on all edges

