

Solar Panel Installation Hazard Checklist

Hazard Mitigation		Satisfactory	Needs Attention	Not Applicable	Target Date for Completion	Date Completed
1	If an extension ladder is being used, has it been inspected to ensure that it is in good condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2	Ladders should always be used according to manufacturer guidelines. Has the ladder been checked for rated use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3	Aluminum ladders can pose an electrical hazard near power lines or electrical work. Are fiberglass ladders with non-conductive side rails being used?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4	Are ladders secured and placed on dry level ground and at least 10 feet away from power lines?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5	Have employees been told not to carry solar panels with them while ascending and descending from the ladder?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
6	Are all installers wearing rubber insulated gloves and using insulated tools?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
7	Have you checked to ensure that installers are not wearing any conductive items such as metallic jewelry?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
8	Have electrical sources been turned off at the breaker box to prevent electrical shock?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
9	Have all of the installers received instruction on the hazards involved when working around energized equipment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
10	Has suitable eye protection been provided and are they being used?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
11	Has fall protection equipment been inspected for damage and deterioration?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
12	After the inspection of your fall protection equipment, have you removed or discarded any equipment that you have observed to be damaged or deteriorated to a degree that is not safe for use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
13	Are all installers that are working over 7 ½ feet above ground level in possession of and using their fall protection gear properly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
14	Are guardrails and safety nets in place if a harness is not being used?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
15	Are cranes, scissor lifts, aerial baskets, forklifts, or other types of hoisting equipment being used to get the panels onto the roof?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
16	Have installers been trained on the proper use of hoisting equipment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
17	Have lift controls in the hoisting equipment been tested in accordance with the manufacturer's instructions prior to use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
18	Have any rooftop openings such as hatches or skylights been covered or guarded?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
19	Have weather conditions been assessed? Installation should be halted if high winds are anticipated on the day of installation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Hazard

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20	Has a safety meeting been conducted and documented before the start of this job?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
21	Do you have a site specific safety plan in place for the work involved at this site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
22	Are two people lifting and loading large or heavy panels to minimize back injuries?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
23	Have overhead power lines that could present an electrical hazard to installers been identified?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
24	If you are working near high voltage electrical lines, have you asked the electric company to de-energize and ground overhead power lines or have adequate on site supervision to warn and monitor installers to stay at least 10 feet away from a power line?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
25	Have the face of the solar panels been covered with an opaque sheet during installation to prevent electricity production within the panels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
26	Are all staff in possession of steel-toed footwear with rubber soles that will provide adequate traction while working on the roof?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
27	Have solar systems/panels been checked to ensure they are not being installed near combustible or flammable materials to minimize the risk of a fire?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
28	Has a Fall Rescue Plan been implemented and have installers been trained in the specifics of this plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Name

Date

Actions Taken to Correct Items Checked as "Needs Attention"

Hazard #	
Hazard #	
Hazard #	
Hazard #	
Hazard #	

The above evaluations and/or recommendations are for general guidance only and should not be relied upon for medical advice or legal compliance purposes. They are based solely on the information provided to us and relate only to those conditions specifically discussed. We do not make any warranty, expressed or implied, that your workplace is safe or healthful or that it complies with all laws, regulations or standards.

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