

WHAT DO YOU KNOW ABOUT SAFETY?

Take this quiz to find out how much you know about solar panel installation safety.

1. Describe three different ways or reasons a solar photovoltaic (PV) technician or solar installer could get electrocuted:
 - 1)
 - 2)
 - 3)
2. Which of the following could cause a solar panel fire?
 - a) Overheating
 - b) Faulty wiring
 - c) Spontaneous panel combustion
 - d) Heavy wind and storms
3. To prevent the production of electricity before installation, modules should be covered with _____ material until they are ready for use:
 - a) Transparent
 - b) Translucent
 - c) Opaque
 - d) All of the above will be effective
4. Workers can prevent slips and falls during solar panel installation by:
 - a) Working only in overcast conditions to prevent obstructed vision due to glare off solar panels.
 - b) Noticing the location of roof openings before beginning and avoiding them during installation.
 - c) Wearing the proper personal protective equipment (PPE) at all times, such as non-slip shoes and insulating gloves, to help footing and guard against shocks and burns, which are often the root cause of slips and falls from heights.
 - d) All of the above.

5. The voltage from a single PV module is not hazardous, but when connected in series, the additive current could cause serious injury:
 - a) True
 - b) False

6. Branches and other obstructions that rise above the panels should be trimmed only if they significantly block sunlight and could decrease efficiency:
 - a) True
 - b) False

7. If the glass on a panel cracks but does not break, it is ok to use, but may need to be replaced later:
 - a) True
 - b) False

8. During the installation process, pulling the building's main breaker will stop all systems from producing power and thus eliminate the risk of electrocution:
 - a) True
 - b) False

9. Solar panels cool off fairly quickly and are usually safe to the touch within 15 minutes of constant cloud cover or after the sun goes down:
 - a) True
 - b) False

10. Flammable gasses or vapors in the area of installation could present serious hazards to the technician:
 - a) True
 - b) False