

Rooftop Solar Fall Protection

TRADE: SOLAR & RENEWABLE INSTALLATION

LEADER GUIDE: 8-12 MINUTES

USE WHAT FITS TODAY

LEADER NOTE

Do not read this sheet word-for-word. Pick the sections that match today's task, point to the actual equipment/work area, and get the crew to answer the questions out loud.

WHY THIS MATTERS

Before work starts, use this Rooftop Solar Fall Protection talk to cover roof edges, skylights and changing work zones. Point out the equipment, work zone and controls the crew will rely on today. Falls usually start with a small setup problem: the wrong access method, a missing edge/opening control, an unstable base, or a worker reaching farther than the system was designed to allow. The crew should be able to point to the fall exposure and the exact protection before anyone climbs or steps into the area.

A SCENARIO TO DISCUSS

During Rooftop Solar Fall Protection, the selected access or fall-protection setup worked for the first position but not the next one. A worker can reach the next point only by leaning, climbing higher, or moving outside the protected area. What needs to change before that next step?

BEFORE WORK STARTS

- Walk the actual access route and point out edges, openings, transitions and landing areas before anyone climbs.
- Inspect the selected ladder/scaffold/lift/fall-protection components and remove damaged equipment from service.
- Clear the base and landing areas so the access system cannot be struck, blocked or set on unstable footing.
- Identify the fall exposure and the approved protection before anyone enters the work area.
- Inspect guardrails, covers, anchors, ladders or lift components that the task depends on.

SAFE WORK SEQUENCE / CONTROLS

- Identify the fall exposure and the approved protection before anyone enters the work area.
- Inspect guardrails, covers, anchors, ladders or lift components that the task depends on.
- Keep access routes and working surfaces clear so workers are not forced toward an edge or opening.
- Control dropped-object exposure below elevated work and keep unauthorized workers out of the area.
- If the setup changes or the control for roof edges, skylights and changing work zones is not working, stop the job and fix it before continuing.

QUESTIONS THAT SHOULD CHANGE THE JOB

1. Where is the actual fall exposure in today's work path, and what protects the worker at that exact point?
2. What access/fall-protection component must be inspected before use, and what defect would take it out of service?
3. What part of the task could tempt someone to overreach, climb, step around a guard, or leave the protected position?

COMMON FAILURE POINTS

- Choosing access equipment that is too short, unstable or poorly positioned for the actual reach.
- Allowing a guard, cover, tie-off point or walking surface to change without stopping exposure.
- Carrying material or reaching in a way that moves the worker's center of balance outside the safe system.

STOP AND RESET IF...

- Required guardrails, covers, access equipment or fall protection are missing, damaged or moved.
- The walking/working surface becomes wet, unstable, obstructed or otherwise different from the planned condition.
- The task requires reaching, climbing or positioning outside the safe working limits of the selected system.

4. If the surface, access, guard, anchor, weather, or work position changes, what has to be reset before anyone continues?
5. What needs to change before that next step?

MAKE IT REAL ON THE JOB

Point to the fall exposure and physically show the crew the access/protection that controls it.

BEFORE YOU RELEASE THE CREW

Before the crew starts, everyone should be able to explain the hazard, point to the control being used today, and name the condition that would make the work stop.

ATTENDANCE & SIGN-OFF

Rooftop Solar Fall Protection

Project / Job:		Date:	
Talk leader:		Location:	

CREW ACKNOWLEDGMENT

By signing, attendees confirm they participated in this toolbox talk and had the opportunity to raise job-specific questions. Signatures do not replace required training, qualifications, permits or certifications.

#	Name	Company / Trade	Signature
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QUESTIONS / CONDITIONS / CORRECTIVE ACTIONS

END-OF-TALK CHECK

☐ Crew can point to the main hazard.	☐ Critical control is in place and usable.
☐ The responsible person/check is clear.	☐ Stop/re-brief conditions were discussed.