



Rooftop Unit Fall Protection

- A. Each time a service mechanic prepares to work on a roof, he must identify the potential fall hazards and take whatever measures are necessary to protect himself from those hazards.
- B. Any equipment that is elevated 4 feet or more above the rooftop should be equipped with a catwalk and guardrail system.
- C. A guardrail system should be installed on the edge of the roof when equipment has been installed within 10 feet of the roof's edge.
- D. Temporary roof openings should either be properly covered or equipped with temporary guardrail systems.
- E. When service mechanics service equipment that is not properly equipped with fall prevention systems, they should protect themselves with either a fall arrest or restraint system, or fall protection nets.

Guardrail Systems:

- Vertical Height of Top-rail - 42 Inches
- Mid-rail – Approximately halfway between top rail and roof surface
- Structural Integrity – Guardrails must be able to withstand 200 pounds of force applied in any direction at any point on the top rail.

Covers:

- Must withstand at least twice the load that could be placed upon them
- Must be adequately secured in place
- Must be conspicuously labeled with the words "Hole" or "Cover"

Fall Arrest and Restraint Systems:

- Full body harness
- Locking Snap Hooks
- Fall Arrest or Fall Restraint Lanyard
- Anchorage Point – Must be able to support at least 5,000 pounds.

Nets:

- Must be installed as close to the working surface as possible
- Must never be installed more than 30 feet below the working surface
- When a net is a 5 foot (or less) fall from the working surface, it must extend out from working surface edge at least 8 feet
- When the net is more than a 5 foot, but less than a 10 foot fall from the working surface, it must extend out from working surface edge at least 10 feet
- When the net is more than a 10 foot fall from the working surface, it must extend out from the working surface edge at least 13 feet.