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1. Guardrails

[OSHA CFR 1910.23 - Guarding floor and wall openings and holes [1910.23(e)]](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=9715)

1. **Roof Access**
2. Where roof will be periodically accessed by non-Facilities personnel, provide roof access through stairway(s), instead of fixed ladder(s).
3. To minimize exposure of fall hazards, locate roof access at least 6 feet away from:
4. Roof edges
5. Unguarded elevated location (30+ inches above adjacent work levels).
6. Skylights
7. Glazed surfaces
8. Design of roof access hatch should allow cover to remain closed when personnel are on the roof. If hatch cannot remain closed, guardrails **shall** be installed around the access hatch.
9. Install grab bars for roof access ladders, especially where routine personnel access is expected.

**3.0 Guardrails**

1. Guardrails **shall** be provided at locations where there is routine need of an employee to approach within 6 feet of the edge of the roof. Where such roof access is needed no more than 4 times a year, safety belts, lanyards, or an approved fall protection system may be used in lieu of guardrails.

**4.0 Anchorage Points**

1. Where fall protection systems may be necessary, install anchorage points that can support a minimum weight of 5,400 pounds.
2. Mark anchorage point with bright/ fluorescent paint, and identify them with weatherproof tags/ labels.

**5.0 Miscellaneous**

1. Locate rooftop equipment (e.g. HVAC units), roof walking pads, and other items at least 6 feet away from unguarded roof edges, skylights, glazed surfaces, and elevated locations.
2. For unguarded roofs, provide demarcations to warn employees that they are approaching within 6 feet to the edge of the roof. Common methods used include:
3. Paint stripes-- applied at least 6 feet away from the edge in a bright/fluorescent color.
4. Warning lines-- consist of rope, wire or similar materials, flagged with highly visible material hanging from the warning lines at approximately 6-feet intervals, and are installed 34 to 45 inches above the roof surface.
5. Any employee approaching within 6 feet of any skylight **shall** be protected from falling through the skylight or skylight opening by any one of the following methods: skylight covers, screens, or guardrails*.*

If you have any questions please contact Jason Burns, Safety Specialist, UK Health & Safety (jrburn4@uky.edu , 859-257-3862)