



# OKLAHOMA

## Uniform Building Code Commission Staff Comment Form - [BEBF 35](#)

### BEBF Technical Committee

Review of the 2021 Editions of the International Building Code® (IBC®), International Existing Building Code® (IEBC®), International Fire Code®

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#### Code Change Information

Originating Committee: BEBF 2015

Code Modified: 2018 IBC and 2018 IFC

Original Comment Form Number: BEBF-24

Rule Number: 748:20-2-15 (7), (8), (9) (10) & (11); 748:20-4-15 (7), (8), (9), (10), & (11)

#### Which area of the code (Section, Table, Figure) was revised?

IBC & IFC Chapter 10, Sections 1015.6, 1015.1, 1015.6.2, 1015.6.3, & 1015.7

Page Number: 2021 IBC 10-30 and 2021 IFC 10-31

#### Previous change:

**1015.6 Mechanical equipment, systems and devices.** Guards shall be provided where various components that require services are located ~~within 10 feet (3048 mm) of~~ on a roof edge or open side of a walking surface and such edge or open side is located more than 30 inches (762 mm) above the floor, roof or grade below elevated structure and have a condition as set forth in Sections 1015.6.1 through 1015.6.3. ~~The guard shall extend not less than 30 inches (762 mm) beyond each end of such components.~~ The guard shall be constructed so as to prevent the passage of a sphere 21 inches (533 mm) in diameter. Exception: When approved by the authority having jurisdiction, guards are not required where permanent fall arrest/restraint anchorage connector devices that comply with ANSI/ASSE Z 359.1 are installed affixed for use during the entire roof covering lifetime. The devices shall be reevaluated for possible replacement when the entire roof covering is replaced. The devices shall be placed not more than 10 feet (3048 mm) on center along hip and ridge lines and placed not less than 10 feet (3048 mm) from roof edges and the open sides of walking surfaces.

**1015.6.1 Roof edge.** Guards shall be provided when components are located within 10 feet (3048 mm) of a roof edge or open side of a walking surface or elevated structure and such edge or open side is located more than 30 inches (762 mm) above the floor, roof, or grade below. The guard shall extend not less than 30 inches (762 mm) beyond each end of the component that requires service.

**1015.6.2 Skylights.** Guards shall be provided when a skylight is within 10 feet (3048 mm) of the component that requires service. The guard shall extend 30 inches (762 mm) beyond the edge of the skylight. Exceptions:

(1) Guards are not required when the skylight is located at least 42 inches (1067 mm) above the highest point of the walking surface adjacent to the skylight or component.

(2) Guards are not required if some other provision for skylight fall-thru protection is provided and approved by the authority having jurisdiction.

**1015.6.3 Roof hatch.** Guards shall be provided when a roof hatch is within 10 feet (3048 mm) of the component that requires service. The guard shall extend 30 inches (762 mm) beyond the edge of the roof hatch. If the component is within 10 feet (3048 mm) of the ladder access side of the roof hatch, the guard shall incorporate a self-closing, self-latching gate. The gate shall have a top edge of not less than 42 inches (1067 mm) above the elevated surface adjacent to the gate and shall not allow the passage of a 21 inch (533 mm) sphere.

**1015.7 Roof access.** Guards shall be provided where the roof hatch opening is located within 10 feet (3048 mm) of a roof edge or open side of a walking surface and such edge or open side is located more than 30 inches (762 mm) above the floor, roof or grade below. The guard shall be constructed so as to prevent the passage of a sphere 21 inches (533 mm) in diameter. **Exception.** When approved by the authority having jurisdiction, guards are not required where ~~personal~~ permanent fall arrest/restraint anchorage connector devices that comply with ANSI/ASSE Z 359.1 are installed affixed for use during the entire roof covering lifetime. The devices shall be reevaluated for possible replacement when the entire roof covering is replaced. The devices shall be placed not more than 10 feet (3048 mm) on center along hip and ridge lines and placed not less than 10 feet (3048 mm) from roof edges and the open sides of walking surfaces.

#### **Historical information:**

This change was made during the 2015 adoption and was created by an ad-hoc committee consisting of members of both the FGMP and BEBF committees at the time. The changes clarify the circumstance under which guards are provided and the required approval from the AHJ in the exception for the first section. The exact language was also added in the IMC adoption.

The 2021 language matches the 2018 published version of the code. Staff recommendation is to review the language and determine if should be kept, modified, or deleted. If modified or deleted, the committee will need to assign someone to create a comment form for the FGMP committee to ask them to make the same change.