

# FLOOR OPENINGS

Today's Date: \_\_\_\_\_



Disclaimer: This publication is designed to provide accurate and authoritative information in regard to the subject matter covered. However, it is to be used for reference purposes only and is not intended to cover all aspects of the topic presented.

Unprotected holes in the floor, deck, or roof have been responsible for a number of very serious injuries. Yet, through planning and personal attention, tripping, falling, or dropping items through openings under foot are easy to prevent.

A hole is defined as a gap or void two inches or more in its least dimension, in a floor, roof, or other walking/working surface.

1. If you make a hole, guard it. Before cutting the hole, barricade the work area to keep people out.
2. If the hole must be open, install permanent barricades around the perimeter. Like railings around the edge of a building or stairwell, these should be a minimum of forty-two inches high, have a mid-rail and be capable of withstanding a 200-pound load. Toe boards are recommended at all times and are required if anyone is going to work under the hole.
3. If the hole is not guarded, it *must* be covered. The cover must be capable of supporting at least two times the intended load, be larger than the opening, secured against displacement, and labeled "HOLE" or "COVER." If you have a choice, make a round opening and cover. An oversized round cover cannot fall through a smaller round hole.
4. Never cover a hole with any type of non-substantial material such as paper, cardboard or plastic. You may ask, "Why would anyone do that?" Unfortunately, it happens surprisingly often.
5. Be extremely careful if you have to walk over protective paper or plastic. A hole could be lurking underneath. Step very tentatively. If you find a hole, expose it immediately for others to see, barricade it or post someone to warn others of the danger, and notify your supervisor. Even shallow holes can cause serious injuries.
6. Plastic skylights and smoke vents are very popular. You should never stand or sit on a skylight. They are not made to support your weight. If you do sit or stand on one, odds are it will break and you will fall. If installing skylights, protect the openings as described above, until installation is complete.

A 2" hole  
must be  
covered or  
barricaded

The danger is very real. The control is very simple. This is a hazard that should never be allowed to exist.

**Attended By:**