



# WEEKLY SAFETY MEETING

## DEMOLITION

Demolition work involves many of the hazards associated with construction. However, demolition incurs additional hazards due to unknown factors such as: deviations from the structure's design introduced during construction, approved or unapproved modifications that altered the original design, materials hidden within structural members, and unknown strengths or weaknesses of construction materials. To counter these unknowns, all personnel involved in a demolition project must be fully aware of these types of hazards and the safety precautions to take to control the hazards.

### Before commencing demolition work:

- + Ensure approval has been granted from the owner to proceed and the owner has provided a report of any asbestos containing materials.
- + Review existing plans (if available) to identify structural systems. If plans are not available consult a structural engineer.
- + Identify the plant and equipment to be used, safe means of access and egress to the site and adjoining buildings and any possible environmental impacts from the demolition process.
- + Barricade areas on all sides to prevent unauthorized persons to enter the work area. Barricades should be placed a minimum of 6 feet away from the work area
- + Locating and disconnecting utilities such as gas, water, electrical, steam, and sewer is a vital step of demolition. If it is necessary to maintain any power, such as water or utilities, these lines shall be temporarily relocated as necessary or protected to prevent any damage.
- + When applicable, proper lockout/tagout must be performed before the start of any demolition.
- + For areas where engineering controls are not provided, such as open holes, guardrails uninstalled or removed, etc., 100% fall protection must be utilized at all times.
- + Any openings cut in a floor for disposal or removal of materials or equipment shall be no larger than 25% of the total floor area.
- + When not being utilized, floor or wall openings must be hard barricaded.
- + Stairs, passageways, or ladders used to access the work area shall be inspected and maintained in a clean safe condition. Other access ways shall be entirely closed at all times.
- + Work and access areas shall be illuminated.

### Disposal Chutes

Disposal chutes are inclined channels or passages for disposing of scrap material from upper levels of buildings that are under construction, renovation or demolition. The bottom of the chute is usually positioned directly above a waste dumpster.

- + Use an enclosed disposal chute any time you are dropping materials **more than 20 feet** to a point outside a building.
- + When material is being dumped by a wheel barrow or mechanical means, a toeboard or bumper at least 4 inches thick and 6 inches high, shall be provided at the chute opening.
- + Barricade the area underneath floor openings that are not equipped with chutes whenever you have to drop materials through the openings to a lower level.
- + Barricades should be at least 6 feet from the edges of the opening above and at least 42 inches high.
- + Post signs to warn others about the overhead falling materials.



Meeting Date: \_\_\_\_\_  
Supervisor: \_\_\_\_\_

Trainer: \_\_\_\_\_  
Location: \_\_\_\_\_

### Attendees: (Please print clearly)

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____



# WEEKLY SAFETY MEETING

## DEMOLITION QUIZ

1. Before demolition begins, the area must be assessed for asbestos containing materials. True or False? \_\_\_\_\_
2. The demo area does not need to be barricaded. Others should know better to get out of our way. True or False? \_\_\_\_\_
3. Always provide a safe means of access and egress. True or False? \_\_\_\_\_
4. When dropping materials more than \_\_\_\_\_ feet, a disposal chute must be utilized.
  - A. 10
  - B. 15
  - C. 20
  - D. 30
5. Always barricade the area underneath floor openings. True or False? \_\_\_\_\_
6. Barricades should be at least \_\_\_\_\_ feet from the edges of the work area.
  - A. 2
  - B. 4
  - C. 6
  - D. 8
7. Barricades should be at least \_\_\_\_\_ inches high.
  - A. 24
  - B. 36
  - C. 42
  - D. 48
8. Post signs on all points of entry to warn others of overhead falling materials. True or False? \_\_\_\_\_
9. It is critical that all utilities such as gas, steam, water, electrical, etc. are located and de-energized. True or False? \_\_\_\_\_
10. When demoing is about to take place, it doesn't matter whether the systems are locked out or not. True or False? \_\_\_\_\_
11. 100% fall protection must be utilized around open holes or guardrails are uninstalled or removed. True or False? \_\_\_\_\_
12. Holes cut in a floor for removal of materials or equipment shall be no larger than \_\_\_\_\_% of the total floor area.
13. When not being utilized, floor or wall openings must be hard barricaded. True or False? \_\_\_\_\_
14. Stairs, passageways or ladders must be in a clean safe condition at all times. True or False? \_\_\_\_\_

**Printed Name:** \_\_\_\_\_ **Trained by:** \_\_\_\_\_

**Signature:** \_\_\_\_\_ **Trained by Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Location:** \_\_\_\_\_