

## What caught-in/between hazards are found on disaster sites?

[Ask the following questions and give time for answers.]

**What are the hazards?** Bodily entrapment with object (falling debris or heavy equipment), increased risk because of emergency circumstances, chaotic environment, and hidden/unexpected hazards

**What are the results?** Broken or crushed limbs and bones, suffocation, punctures, head injury, internal damage, and death

**What should we look for?** Heavy equipment, traffic patterns, limited access zones, hoisted loads, unstable structures and surfaces, loose debris, danger signs, escape routes, demolition and lack of engineering controls



[Relate this incident or better one you know.]

**Actual Incidents:** Cleanup accidents accounted for 55 deaths, or 27% of the total from hurricanes in Florida in 2004-2005. In this group, 14 were hit or caught-in/between objects like tree limbs or heavy equipment. The average age was 57. All were men.

[Ask the following question and ensure every item is covered.]

### How do we prevent these results?

- Use engineering controls such as shoring and bracing.
- Establish and adhere to rules governing limited access zones.
- Wear safety belts to prevent falling from cab.
- Understand how to recognize and avoid unstable structures, surfaces and debris.
- Avoid driving and operating equipment on unstable surfaces.
- Look for posted danger signs.
- Do not walk under or near loads.
- Do not hoist loads over personnel or vehicle cabs.



[Ask the following questions about this site and ensure every item is covered.]

### Let's talk about this site now.

- Have you been briefed on the hazards of this disaster?
- What are some issues that can lead to entrapment or crushing hazards at a disaster site? *Unstable work surfaces, unstable structures, heavy equipment, loose overhead debris, chaotic environment/work environment, etc.*
- Do you know where the limited access zones are on this site?
- How do you contact EMS if an accident occurs?
- Do you know how to assist entrapped workers?

[Record questions below that you want to ask about this site.]