

# 2007 Construction Fatalities

Presented By:

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# 1. Residential Fall

Carpenter

Age 53

Delta County

Employee was climbing and working from an extension ladder in carpentry operation while a co-worker was holding the ladder, the ladder slipped and fell along with the victim.

# Citations

- R408.40114 (1) (1) An employer shall develop, maintain, and coordinate with employees an accident prevention program, a copy of which shall be available at the worksite.
- R408.41124 (2) A portable ladder in use shall be equipped with appropriate safety feet, unless the ladder is tied, blocked, or otherwise secured to prevent it from being displaced.

## 2. Commercial Struck By

Plumber Age 53

Kent County

Employees were installing two new pumps. Two employees installed a plug and when inflated, the water stopped flowing. No blocking or bracing was installed. The two employees started drilling holes for the base plate when the wall-sewer pipe and plug exploded. Both employees were struck with the debris and thrown across the room. One employee received no injuries and the other received massive injuries that resulted in his death.

# Citations

- R408.41011 (11) GENERAL DUTY
- R408.40114 (2) (g) Instruction to each employee who is required to enter a confined space.
- R408.41931 (1) (a) Ensure that an employee has been trained in the use of tools before authorizing their use.

## 3. Commercial Fall

Roofer Age 33

Kent County

Employee installing roof perimeter strip and stepped backward off the edge of the roof falling 28 ft. 8 inches to ground.

# Citations

- 1926.502 (f) (2) Warning lines shall consist of ropes, wires, or chains, and supporting stanchions erected as follows:
- 1926.502 (h) (1) The employer shall designate a competent person to monitor the safety of other employees and the employer shall ensure that the safety monitor complies with the following requirements:

# Citations

- 1926.503 (a) (1) The employer shall provide a training program for each employee who might be exposed to fall hazards. The program shall enable each employee to recognize the hazards of falling and shall train each employee in the procedures to be followed in order to minimize these hazards.
- R408.40114 (2) An accident prevention program shall, at a minimum, provide for all of the following:

## 4. Residential Electrocution

Laborer Age 33

Barry County

Employee was installing downspouts, while employee was carrying a 28 ft. aluminum extension ladder. The ladder contacted 4500 volt overhead power line.





# Citations

- R408.40114 (1) An employer shall develop, maintain, and coordinate with employees an accident prevention program, a copy of which shall be available at the worksite.
- R408.41124 (6) A manufactured portable metal ladder shall not be used for electrical work or where the ladder or an employee may contact electrical conductors.

# Citations

- R408.41124 (7) A metal ladder shall not be used or moved unless a minimum of 20 feet is maintained between power transmission or distribution lines.

# Citations

- R408.422139 (1) Within 8 hours after the death of any employee from a work-related incident or the inpatient hospitalization of 3 or more employees as a result of a work-related incident. You must orally report the fatality/multiple hospitalization by telephone or in person to DLEG/MIOSHA, 7150 Harris Drive, Lansing, MI, Phone 1-800-858-0397.

## 5. Commercial Crushed By

Truck Driver Age 35  
Ingham County

An employee was dumping a load of soil from a tractor trailer. The dump box turned over while elevated, landing the victim in the tractor trailer parked next to him.





# Citations

- R408.40114 (2) (b) Instruction to each employee regarding the operating procedures, hazards, and safeguards of tools and equipment when necessary to perform the job.
- R408.40114 (2) (d) Instruction to each employee in the recognition and avoidance of hazards and the regulations applicable to his or her work environment to control or eliminate any hazards or other exposure to illness or injury.

## 6. Commercial Fall

- Laborer Age 56
- Wayne County

Employee climbing hydro-mobile scaffold unit and fell 6 to 8 feet to the ground.





# Citations

- R408.41211 (1) Access to a scaffold platform shall be provided.
- R408.41209 (1) An employer shall have each employee who performs work on a scaffold trained by a person qualified in scaffold safety. The training shall enable an employee to recognize the hazards associated with the type of scaffold being used and to understand the procedures to control or minimize the hazards.

# 7. Commercial Struck By

Ironworker Age 49

Oakland County

Employee removed temporary shoring members supporting overhead beam to install permanent steel support columns.

Overhead beam collapsed striking and pinning employee to the floor.







# Citations

- R408.42614 (1) Structural stability shall be maintained at all times during the erection process.

# Citations

- R408.42031 (1) During demolition, an employer or his or her designated representative shall make daily inspections to detect hazards and unsafe conditions. An employer shall ensure that an employee is not permitted to work where hazards exist until the hazards are corrected by shoring, bracing, or other effective means.

# 8. Commercial Electrocution

Painter Age 46  
Wayne County

Two employees were moving a ladder while painting and contacted overhead power line.





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# Citations

- R408.40114 (1) An employer shall develop, maintain, and coordinate with employees an accident prevention program, a copy of which shall be available at the worksite.
- 408.41112 (1) The employer shall provide a training program for each employee who uses a ladder.

# Citations

- R408.41124 (7) A metal ladder shall not be used or moved unless a minimum of 20 feet is maintained between power transmission or distribution lines.

## 9. Commercial Fall

Roofer Age 42

Kent County

Employee carrying a 90 LB roll of roofing, fell through roof 15 feet to concrete floor.



21/7/2007



21/7/2007



27/17/2007

# Citations

- 1926.501 (a) (2) The employer shall determine if the walking/working surfaces on which its employees are to work have the strength and structural integrity to support employees safely. Employees shall be allowed to work on those surfaces only when the surfaces have the requisite strength and structural integrity.

# Citations

- 1926.502 (h ) (1) The employer shall designate a competent person to monitor the safety of other employees and the employer shall ensure that the safety monitor complies with the following requirements:
- 1926.503 (1) The employer shall provide a training program for each employee who might be exposed to fall hazards. The program shall enable each employee to recognize the hazards of falling and shall train each employee in the procedures to be followed in order to minimize these hazards.

# Citations

- R408.40132 (3) A person who has a valid certificate in first aid training shall be present at the worksite to render first aid.
- R408.422139 (1) Within 8 hours after the death of any employee from a work-related incident or the inpatient hospitalization of 3 or more employees as a result of a work-related incident.

# 10. Commercial Fall

- Laborer Age 28
- Cheboygan County

Employee was working from an extension ladder installing corner trim. The ladder tipped over backward causing the employee to fall 20-25 feet to the concrete floor.

# Citations

- R408.41112 (1) The employer shall provide a training program for each employee who uses a ladder.
- R408.22139 (ADM) **Rule 1139.** (1) Basic requirement. Within 8 hours after the death of any employee from a work-related incident or the inpatient hospitalization of 3 or more employees as a result of a work-related incident.

# 11. Commercial Struck By

- Mason Age 57
- Macomb County

Employee replacing curb, while moving safety barrels was struck by motorist.

# Citations

- Case file still open.

# Thank You For Attending This Presentation

Michigan Occupational Safety & Health Administration  
Consultation Education & Training Division  
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For further information or to request consultation, education  
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