

**Top 10 MIOSHA
Occupational Health
General Industry
and Construction
Violations FY2015**

Presented By:

Consultation Education & Training (CET) Division
Michigan Occupational Safety & Health Administration
Michigan Department of Licensing and Regulatory Affairs

www.michigan.gov/miosha

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A graphic illustration of a spotlight on a stand in the bottom left corner, casting a large, white, oval-shaped beam of light towards the upper right. Inside this beam, the following text is displayed in a bold, black, serif font:

**Top 10 MIOSHA
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#10 – Air Contaminants for General Industry

Part 301

7 Citations

- 325.51103(iii) – Exposure Limits
- An employee's exposure to any substance listed in table G-1-A **shall not exceed** the time-weighted average (TWA) limit, short-term exposure limit (STEL) and ceiling limit specified for that substance in table G-1-A.

#9 - Asbestos for General Industry – Part 305

12 Citations

- 29 CFR 1910.1001
- 1910.1001(j)(3)(i) – Asbestos survey for facility
6 citations
- 1910.1001(j)(3)(iii) – Inform housekeeping
3 citations
- 1910.1001(j)(7)(iv) – Annual asbestos awareness training 3 citations

#9 – General Duty Clause

Act 154 of 1974

12 Citations

- 408.1011(a) – Furnish to each employee, employment and a place of employment that is **free from recognized hazards** that are causing, or are likely to cause, death or serious physical harm to the employee.

#8 – Chromium (VI) in General Industry – Part 315

15 Citations

- 29 CFR 1910.1026
- 1910.1026(l)(2)(i) – Each employee demonstrates knowledge of... 4 citations
- 1910.1026(d)(1) – Shall determine 8 hr. TWA
4 citations
- 1910.1026(d)(2)(i) – Shall perform initial monitoring 4 citations
- 1910.1026(l)(2) – Employee info & train 3 cit

#7 – Occupational Noise Exposure

Part 380

18 Citations

- 29 CFR 1910.95
- 325.60107 Rule 7(1): The employer shall administer a **continuing, effective** hearing conservation program as described in R325.60108 to R325.60127, when employee noise exposures equal or exceed the **action level (85 dBA)**.
 - Noise monitoring requirements
 - Audiogram requirements
 - Hearing protection
 - Employee training
 - Recordkeeping

#6 – Permit-Required Confined Spaces – Part 490

35 Citations

- 29 CFR 1910.146
- 1910.146(c)(1) – Evaluate/determine 12 citations
- 1910.146(c)(2) – Inform exposed employees (typically signage) 12 citations
- 1910.146(c)(4) – Develop/implement PRCS program 8 citations

#5 – Medical Services & First Aid

– Part 472

66 Citations

- R 325.47201(3)
- Emergency Eye/Body flush stations
- “An employer **shall ensure** that suitable facilities for quick drenching or flushing of the eyes and body are provided within the work area for immediate emergency use when the eyes or body of any person may be exposed to injurious or corrosive materials.”

#4 – Bloodborne Pathogens

Part 554

81 Citations

- 325.70001
- 325.70016(2) – Initial/annual training Cat. A 19 cit.
- 325.7003(1) – Exposure determination A/B 15 cit.
- 325.70004(a) – Exposure control plan 13 citations
- 325.70013(4)(a) – Hep B Vaccine decline/accept
11 citations

#3 – Respiratory Protection

Part 451

93 Citations

- 29 CFR 1910.134
- 1910.134(c)(1) – Establish/implement site specific written program 40 citations
- 1910.134(e)(1) – Medical evaluation 10 citations
- 1910.134(c)(2) – Voluntary use 7 citations
- 1910.134(f)(2) – Fit testing 7 citations

#2 – Personal Protective Equipment – Part 433

136 Citations

- 325.60001
- 325.60008(1) – Eye & face protection 27 citations
- 325.60006(1) – No employee training 21 citations
- 325.60005(1) – No PPE assessment 21 citations
- 325.60010 – Hand protection 9 citations

#1 – Hazard Communication

Part 430

141 Citations

- CFR 1910.1200
- 1910.1200(e)(1) – Written Program 93 citations
- 1910.1200(h)(3)(iv) – Employee info & training (GHS requirements) 7 citations
- 1910.1200(h)(1) – Effective info & training, initially/new exposure 26 citations



Top 10 MIOSHA General Industry Violations FY2015

Top 10 MIOSHA General Industry Violations

586 Citations

\$1,059,200

\$1,808 average

#10 Design Safety Std. for Electrical Systems Part 39

- \$66,700
- \$1,803 average

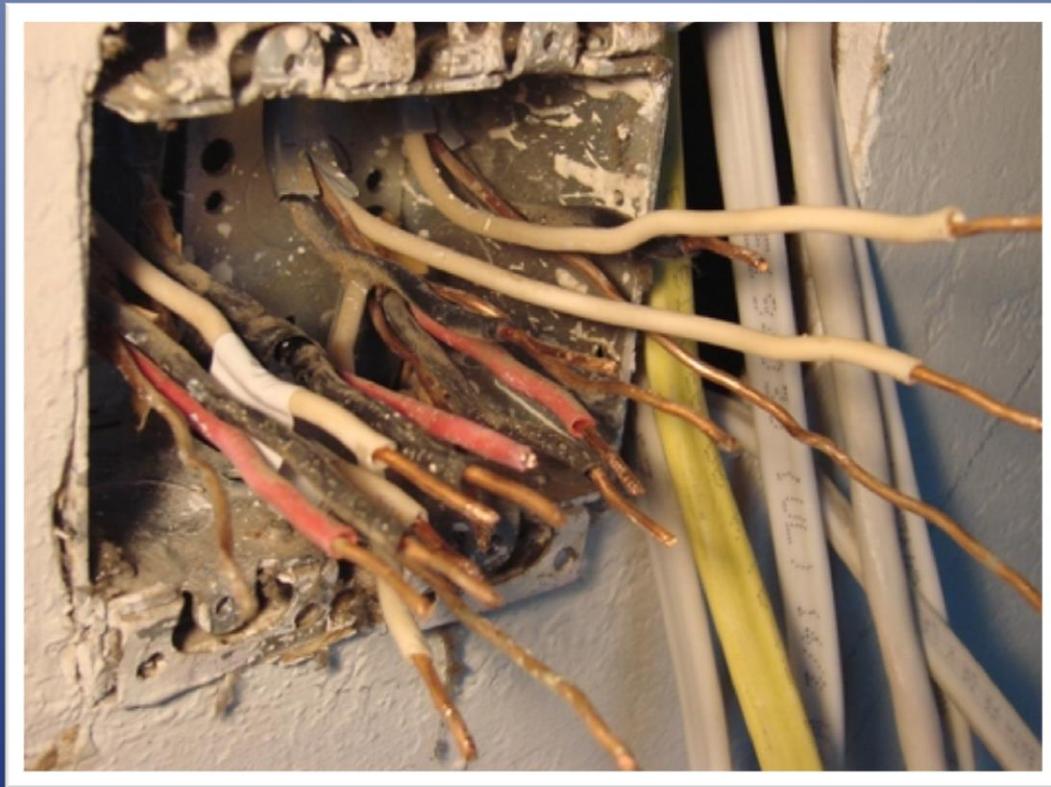
1910.303 GENERAL

1910.303(g) 600 Volts, nominal, or less.

This paragraph applies to electric equipment operating at 600 volts, nominal, or less to ground.

1910.303(g)(2) Guarding of live parts.

1910.303(g)(2)(i) Except as elsewhere required or permitted by this standard, live parts of electric equipment operating at 50 volts or more shall be guarded against accidental contact by use of approved cabinets or other forms of approved enclosures or by any of the following means:



#9 Powered Industrial Trucks

Part 21

R 408.12154. Permits.

Rule 2154. (1) An employer shall provide the employee with a permit to operate a powered industrial truck only after meeting the requirements prescribed in R 408.12151, R 408.12152, and R 408.12153. A permit is optional for operators of motorized hand low lift trucks.

- \$29,970
- \$810 average



#8 General Provisions

Part 1

- \$86,570
- \$2,164 average

R 408.10034. Machine guards and devices.

Rule 34.(3) A point of operation guard or device shall be as prescribed in a specific standard, or, in the absence of a specific standard, shall be designed and constructed, when required, to prevent the machine operator exposed to the hazard from having any part of his/her body in the hazardous area during the operating cycle.



#7 Hazard Communication

Part 92

- \$24,520
- \$598 average

1910.1200(e) Written hazard communication program.

1910.1200(e)(1) Employers shall develop, implement, and maintain at each workplace, a written hazard communication program which at least describes how the criteria specified in paragraphs (f), (g), and (h) of this section for labels and other forms of warning, safety data sheets, and employee information and training will be met, and which also includes the following:

#6 Floor & Wall Openings, Stairways, & Skylights Part 2

R 408.10213. Guards for open-sided floors, platforms and runways.

- **\$41,150**
- **\$980 average**

Rule 213. (2) An open-sided floor or platform 4 feet or more above adjacent floor or ground level shall be guarded by a standard barrier as specified in rule 231 on all open sides, except where there is entrance to a ramp, stairway or fixed ladder. The barrier shall be provided with a toe board as specified in rule 233(2) where, beneath the open sides:

- (a) Persons can pass,
- (b) There is moving machinery, or
- (c) There is equipment with which falling materials could create a hazard. The intermediate sections of the barrier and the toe board may be eliminated when materials are regularly passed over the end of the floor, as in lumber storage. A stationary elevated platform secured to a building or structure used exclusively for the service and maintenance of overhead bridge cranes and similarly mobile equipment may be equipped with standard barriers and toe boards that are removable in lieu of fixed standard barriers and toe boards on the side adjacent to the machinery, if such barriers and toe boards are secured against falling when they are not serving as protective barriers.

#5 Personal Protective Equipment

Part 33

- \$34,350
- \$687 average

R 408.13312 Use of eye and face protection.

Rule 3312. (1) An employer shall ensure that each affected employee uses appropriate eye or face protection, when exposed to eye or face hazards from any of the following:

- (a) Flying objects or particles.
- (b) Harmful contacts.
- (c) Exposures.
- (d) Molten metal.
- (e) Liquid chemicals.



- (f) Acids or caustic liquids
- (g) Chemical fumes, gases or vapors
- (h) Glare
- (i) Injurious radiation
- (j) Electrical flash
- (k) A combination of these hazards



Note: Appendix B, Appendix Table 1, “Eye and Face Protector Selection Chart,” and Appendix Figure 1, “Eye and Face Protective Devices Chart,” which shall be used as a guide in the selection of the proper eye and face protection.

#4 General Provisions

Part 1

- \$100,800
- \$1,738 average

R 408.10034. Machine guards and devices.

Rule 34. (9) When an employee is exposed to a hazard created by a pinch point other than point of operation, the hazard shall be guarded or the employee otherwise protected.



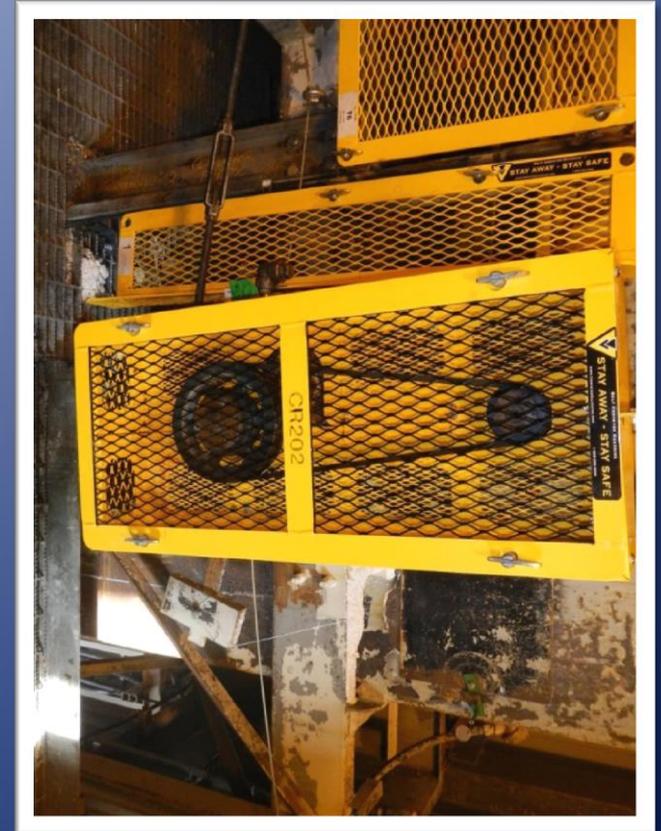
#3 Guards for Power Transmission

Part 7

- \$73,250
- \$927 average

R 408.10727. Belts.

Rule 727. (1) A belt and pulley which is 7 feet or less above the floor or platform and which is exposed to contact shall be guarded pursuant to R 408.10751 to R 408.10754...



#2 The Control of Hazardous Energy Sources Part 85

1910.147(c)(7)(i)(A)

- \$141,450
- \$1,554 average

(c) GENERAL.

(7) Training and communication.

(i) The employer shall provide training to ensure that the purpose and function of the energy control program are understood by employees and that the knowledge and skills required for the safe application, usage, and removal of the energy controls are acquired by employees. The training shall include the following:

- ◎ (A) Each authorized employee shall receive training in the recognition of applicable hazardous energy sources, the type and magnitude of the energy available in the workplace, and the methods and means necessary for energy isolation and control.



#1 The Control of Hazardous Energy Sources Part 85

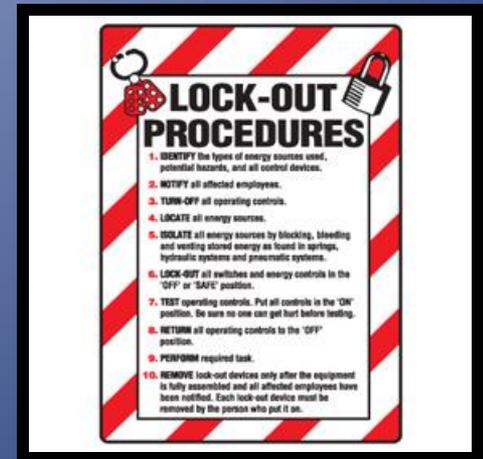
1910.147(c)(4)(i)

(c) GENERAL.

(4) Energy control procedure.

(i) Procedures shall be developed, documented and utilized for the control of potentially hazardous energy when employees are engaged in the activities covered by this section.

- \$460,440
- \$4,148 average





**Top 10 MIOSHA
Serious Construction
Violations FY2015**

Objectives

- Recognize common hazards and work practices in the workplace.
- Connect the unsafe act or condition with a MIOSHA rule.
- Be able to determine at least one corrective action to eliminate or control the hazard.
- Make changes to be safer TODAY.



#10 Part 45: Fall Protection Low Slope Roofing

1926.501(b)(10) "Roofing work on Low-slope roofs." Except as otherwise provided, each employee engaged in roofing activities on low-slope roofs, with unprotected sides and edges 6 feet or more above lower levels shall be protected from falling...



#9 Part 12: Scaffolds Guardrails

1213 (1)

A guardrail shall be installed on any open side or end of a scaffold work platform that is 10 or more feet above the floor or ground



#8 Part 11: Ladders

Ladders 3 Feet Above Landing

1124 (5)

When portable ladders are used for access to an upper landing surface, the ladder side rails shall extend not less than 3 feet above the upper landing surface.

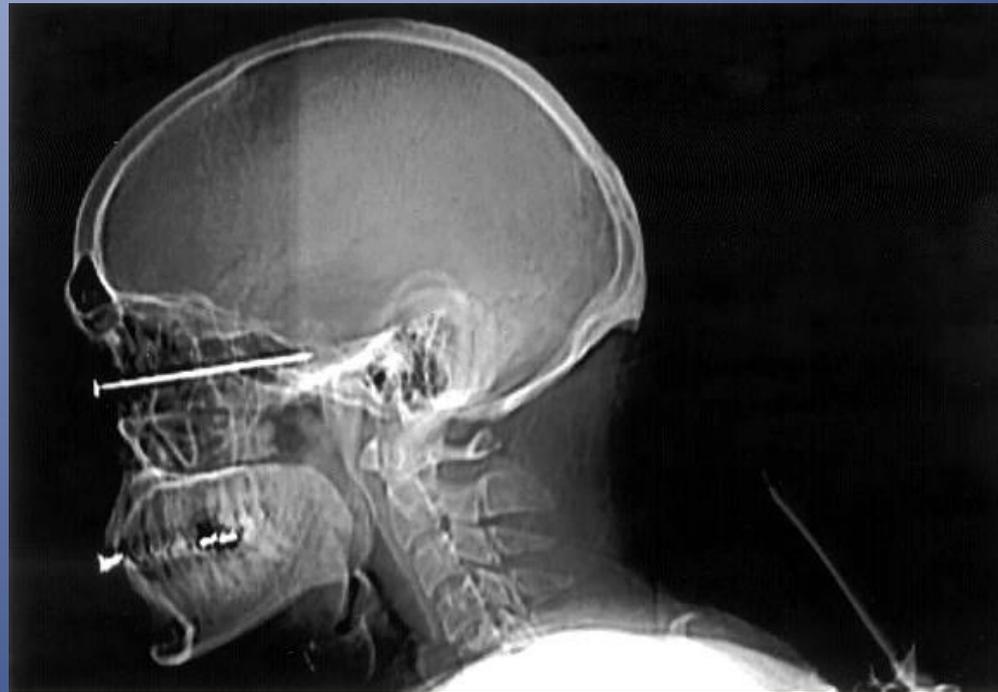


#7 Part 19: Tools

Powered staplers and nailers

1937 (4)

The operator of the portable powered stapler or nailer and those employees within the striking distance of its fastener shall wear eye protection



#6 Part 6: Personal Protective Equipment

Face and Eye Protection

624 (1)

Face and eye protection shall be used where a hazard or risk of injury exists from flying objects or particles, harmful contacts, exposures such as glare, liquids, injurious radiation, electrical flash, or a combination of these hazards.



#5 Part 17: Electrical GFCI

1725 (10)

A portable electric tool used in a wet atmosphere or environment shall be protected by an approved ground fault interrupter.



#4 Part 6: Employer's and employee's responsibilities

617. (2) An employer shall require each employee to wear personal protective equipment as prescribed by the manufacturer when required by any Michigan occupational safety and health act (MIOSHA) rule.



#3 Part 45: Fall Protection

Unprotected Sides & Edges

1926.501(b)(1) Each employee on a walking/working surface (horizontal and vertical surface) with an unprotected side or edge which is 6 feet (1.8 m) or more above a lower level shall be protected from falling by the use of guardrail systems, safety net systems, or personal fall arrest systems.



#2 Part 6: Personal Protective Equipment

Head Protection

622. (1) An employer shall ensure that each affected employee is provided with, and wears, head protection equipment and accessories when the employee is required to be present in areas where a hazard or risk of injury exists from any of the following:

- (a) Falling or flying objects or particles.
- (b) Electrical shock and burns.
- (c) From other harmful contacts or exposures.



#1 Part 45: Fall Protection Residential Construction

1926.501(b)(13) "Residential construction." Each employee engaged in residential construction activities 6 feet or more above lower levels shall be protected by guardrail systems, safety net system, or personal fall arrest system unless another provision in paragraph (b) of this section provides for an alternative fall protection measure.



Questions?



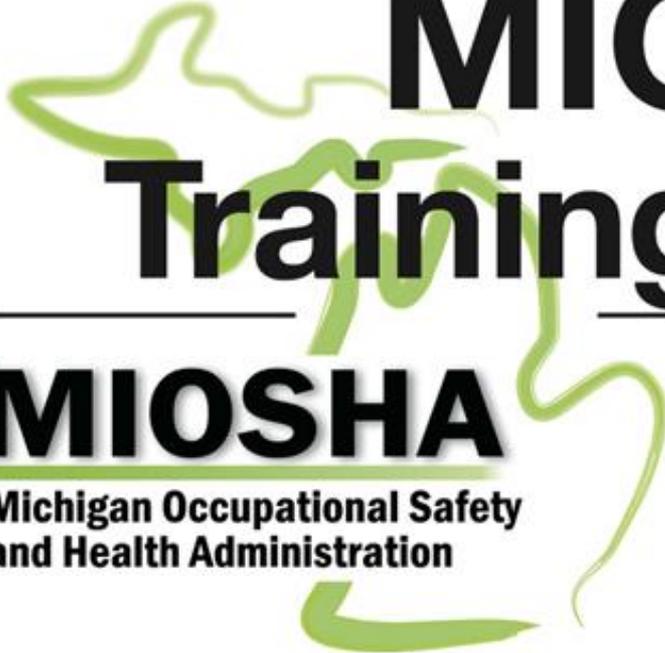
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Thank You For Attending This Presentation

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