OSHA Compliance Review



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Bios & Contacts

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Compliance Officer for 10 Years
CAS for 5 Years
All in Appleton Area Office

Robert Bonack

The NEW Appleton OSHA Area Director



New Area Office Team Leaders

Charles Shelton

Dave Schott





Most frequently cited standards of 2014
2015 OSHA Emphasis Programs
New OSHA Requirements
2015 OSHA Regulatory Agenda
What to do during an OSHA Inspection
Available Assistance
Questions

Top Ten Violations

Top Ten Violations

2

Most frequently cited OSHA regulations during FY 2014 inspections

- 1. Fall Protection
- 2. Hazard Communication
- 3. Scaffolding
- 4. Respiratory Protection
- 5. Lockout/Tagout
- 6. Powered Industrial Trucks
- 7. Electrical Wiring Methods
- 8. Ladders
- 9. Machine Guarding
- 10. Electrical General Requirements

Fall Protection for Aerial Lifts

- Aerial lift hazards,
 - Understand OSHA equipment requirements

Know how to inspect equipment

Take necessary precautions when working in or near an aerial lift to prevent accidents and injuries

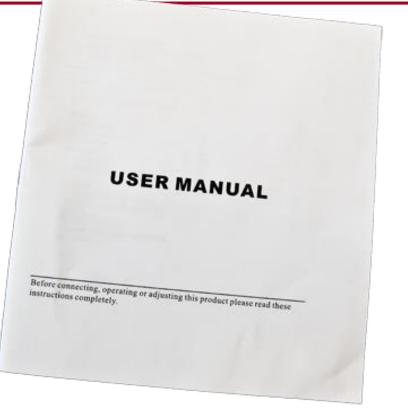
Aerial Lift Hazards

- Falling out of the lift
- Tipping vehicle over
- Power lines
- Falling objects



Know Your Equipment

- Warnings, cautions, and restrictions
- Manufacturer's information
- Operating and maintenance manual



Maintenance

- Equipment must be inspected, maintained, and repaired according to manufacturer's instructions
- Unsafe equipment must be removed from service
- All repairs must be made by qualified personnel

OSHA Requirements: True or False?

The primary hazard of aerial lifts is eye injuries.



The rated load capacity must be displayed on the equipment.



Interlock devices are used to protect operators from electrocution.



Lower controls must be able to override upper controls.

OSHA Requirements

Do you understand:

- Aerial lift hazards?
- OSHA design and construction requirements?
- Load capacities?
- Maintenance requirements?
- Protections against contact with power lines?



Trained and Authorized Operators

- Only operate aerial lifts if trained and authorized
- Understand operating instructions and safety rules
- Receive hands-on training from a qualified person
- Know how to inspect equipment and work area
- Demonstrate how to safely operate equipment

Fall Protection

- Wear a full-body harness
- Use a lanyard attached to boom or lift
- Inspect fall protection
 equipment before use
- Never belt off to adjacent pole, structure, or equipment
- Use belt for restraint only



Equipment Inspections

- Look for:
 - -Cracked welds
 - -Hydraulic leaks
 - Damaged control cables
 - -Loose wire connections
 - -Tire damage
- Check electrically insulated items
- Perform a control check and lift test
- Correct unsafe items before using lift

Before Elevating The Lift

- Conduct inspection
- Put on fall protection
- Ensure load is within rated capacity
- Make sure vehicle is on a solid surface
- Designate employee to watch

Working in the Lift

- Always stand firmly on the lift floor
- Don't sit or climb on the edge of the lift
- Never use a ladder
- Never use a plank between the lift and another structure or work surface
- Always keep fall protection lanyard attached



Safe Work Practices

Do you understand:

- Fall protection requirements?
- Inspection procedures?
- Safe work practices for
- employees in the lift for and on the ground?t and on the ground?
- Safe driving rules for vehicles equipped with aerial lifts?

KEY POINTS TO Remember!

Aerial lifts are useful but can also be hazardous.



Only operate an aerial lift if trained and authorized.



Inspect equipment and the work area before each use.



Understand and follow safe work practices, including wearing fall protection.



Be especially careful around power lines.

Ladders

US Importance of Ladder Safety **C**³ An Approved Ladder **11** Purchasing a Ladder **C** Types of Ladders **Controlling Hazards** Inspecting the Ladder R CR Use

Importance of Ladder Safety

Any fall can be serious, and a fall from the height of even a low ladder can mean a painful and incapacitating injury.

The U.S. Consumer Product Safety Commission estimates that in one year, 65,000 individuals receive emergency room treatment because of ladder accidents. (CDC)

An Approved Ladder

 An approved ladder usually consists of two side rails joined by regularly spaced crosspieces called steps, rungs, or cleats, allowing for up and down movement.
 Most ladders will be

labeled with their duty rating.



www.safteng.net

An Approved Ladder continued...

Most ladders sold for household use are Type III light-duty ladders.

✓3 3-6 feet long.

- ✓ These are rated for a maximum load of 200 pounds (user plus materials).

3-12 feet long.

225 pounds

Race Type I heavy-duty ladder

- **3-20** feet long.
- **3** 250 pounds.

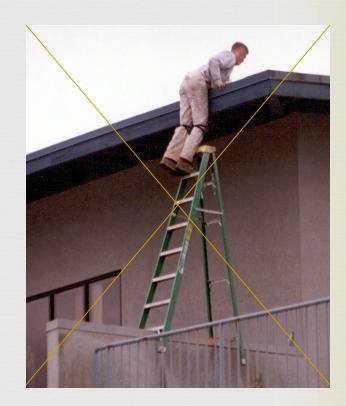
An Approved Ladder continued...

Requirements:

Purchasing a ladder

 Buy a ladder long enough for any use you may have for it.
 Keep in mind that the length of a ladder is different from its usable length.

A The height these ladders can safely reach is reduced by the angle at which the ladder must be set up. (This will be explained later).



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Types of Ladders Stepladders continued...

Rever use a step ladder as a straight ladder. Stepladders do not exceed 20 feet.



www.safteng.net

Types of Ladders Stepladders continued...

Do not step on the bucket shelf or attempt to climb or stand on the rear section supports. They are not designed to support the weight of a person.
 Only a two way ladder

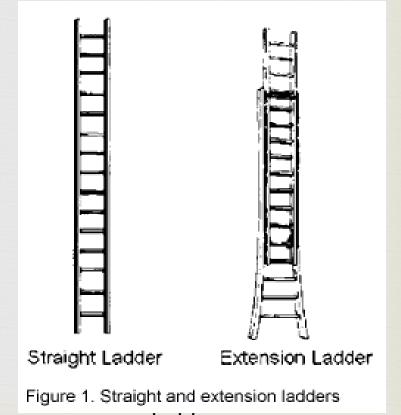
is designed for two people.



www.ladders.com

Types of Ladders Extension Ladders

Raise the top end and walk underneath the ladder, moving down the rungs until the ladder is vertical.



www.ladders.com

Extension Ladders continued...

- ℴ When using an extension ladder, raise it to the desired height, being sure the locks engage properly on both sides of the ladder.
- A Extension ladders do not exceed 44 feet when extended.
- Extension ladders are not used fully extended. There is an overlap between sections, not less than 10% of the working length of the ladder.



www.ladders.com

Storage and Maintenance

Never leave a raised ladder unattended. It could fall unexpectedly and injure someone.



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Storage and Maintenance continued...

☆ Straight and extension ladders should be stored horizontally on racks or hooks with support points at the top, middle, and bottom of the ladder to prevent sagging and warping.

Controlling Hazards Inspecting the Ladder

- You should inspect the following:
 - Check that the ladders have no nails, screws, or splinters sticking out.
 - Check side rails for dents or bends.
 - 🛯 Check rivets for shear.
 - Check the hardware connections.
 - Check for excessively dented rungs.
 - Check that the rungs are firmly attached to side rails.
 - Check that the rungs have no oil or grease on them.
 - Check that the non-slip safety feet or bases on ladders are in good condition.
 - Check that the non-slip safety material on ladder rungs is in good condition.
 - Check that the ladder is not wobbly and that steps are not worn or broken.

Controlling Hazards Set Up

Do not place it on a table or any similar platform for added height.

- A Ladders should be placed on dry firm ground.
- C A Ladders should not be placed in front of doors opening towards the ladders unless the door is locked or guarded.

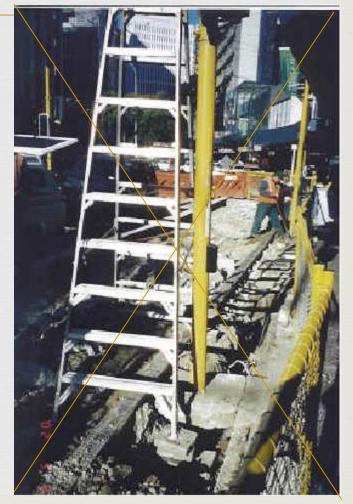


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Controlling Hazards Set Up continued...

CR Ladders shall be used only on stable and level surfaces unless secured to prevent accidental displacement.

C A Ladders shall not be used on slippery surfaces unless secured or provided with slip-resistant feet to prevent accidental displacement.



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Controlling Hazards Set Up continued...

- Portable extension ladders shall be used at an angle where the horizontal distance from the top support to the foot of the ladder is approximately one-fourth of the working length of the ladder.
 - (Example: If the ladder is 20 feet long, the base of the ladder should be 5 feet from the structure.)

20 ft long ladder

Controlling Hazards

Use

- Real of the ladder when climbing or descending and use both hands.
- Rount the ladder from the center, not from the side.
- ᢙ Tools should be carried in the pockets, in a bag attached to a belt, or raised and lowered by rope.
- Resure that the soles of your shoes are clean and dry. Work facing the ladder, holding on with one hand.

Tag Defective Ladders





Ladder Don'ts

- Do not use ladders that have been exposed to fire or corrosive chemicals.
- Do not use a ladder for unintended purposes, such as in place of scaffolding.
- Never allow more than one person on a ladder at a time.

Read The Warning Labels



They are there for a reason!



Working Above Protections

When employees work above railings, they must be protected from falling over the railings.



Working on Upper Levels





Ladder Types

- Type I-A ladders are heavy-duty and can handle up to 300 lbs.
- Type I ladders can hold up to 250 lbs.
- Type II ladders can hold 225 lbs.
- Type III ladders are for light duty only and can hold up to 200 lbs.

HAZCOM

Recondary Labels and Training

GHS Notable Changes

Primary Changes in HazCom1. Container Labeling2. Material Safety Data Sheets3. Employee Training



Written Program

○ OSHA did not modify the written hazard communication requirements except for minor terminology edits.



Labels

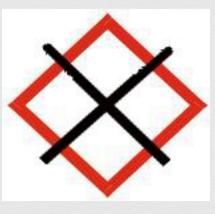
- R Product identifier
- 🛯 Signal words
- Razard statements
- R Pictograms
- Recautionary statements
- Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

HCS/GHS Labeling Components Pictograms · Conveys specific information about the hazard(s) of a chemical PAINT (METHYL FLAMMALINE, LEAD CHROMOMIUM) Product Identifier · Chemical name or number to identify the chemical DANGER-Signal Word Causes damage to the liver and kidneys through prolonged -· Alerts level of severity of hazard or repeated exposure to the skin. Keep away from food and drink. Hazard Statement · Describes the nature of hazard(s) Wash hands thoroughly after use and before eating. associated with a chemical Highly flammable liquid and vapour. Precautionary Statement Keep away from heat and ignition sources. · Recommended measures to FIRST AID take to prevent adverse effects Call emergency medical care. First Aid Statement Wash affected area of body thoroughly with soap and fresh water. · Emergency care information Supplier Information Great Lake Paints Inc., Columbus, Ohio, USA. « · Name, address and telephone Telephone 999 999 9999 number of the chemical manufacturer, importer or other responsible party

Pictograms

Red borders required No blank pictograms





Safety Data Sheets

A 16-section safety data sheet (SDS)
Several sections will not be mandatory since they address information outside OSHA's jurisdiction (Sections 12-15)

A new Appendix D, Safety Data Sheets, provides the details of what is to be included in each section



Safety Data Sheet Format

- **1.** Identification of the substance or mixture and of the supplier
- 2. Hazards identification
- 3. Composition/information on ingredients
- 4. First-aid measures
- 5. Fire-fighting measures
- 6. Accidental release measures
- 7. Handling and storage
- 8. Exposure controls/personal protection.
- 9. Physical and chemical properties
- 10. Stability and reactivity
- **11. Toxicological information**
- 12. Ecological information (non-mandatory)
- 13. Disposal considerations (non-mandatory)
- 14. Transport information (non-mandatory)
- 15. Regulatory information (non-mandatory)

16. Other information, including date of preparation or last revision

Safety Data Sheet Example

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GHS Implementation Dates

Effective Completion Date	Requirement(s)	Who
December 1, 2013	Train employees on the new label elements and SDS format.	Employers
June 1, 2015* December 1, 2015	Comply with all modified provisions of this final rule, except: Distributors may ship products labeled by manufacturers under the old system until December 1, 2015.	Chemical manufacturers, importers, distributors and employers
June 1, 2016	Update alternative workplace labeling and hazard communication program as necessary, and provide additional employee training for newly identified physical or health hazards.	Employers
Transition Period	Comply with either 29 CFR 1910.1200 (this final standard), or the current standard, or both.	All chemical manufacturers, importers, distributors and employers

* This date coincides with the European Union implementation date for classification of mixtures.

CONTROL OF HAZARDOUS ENERGY

SLOCKOUT / TAGOUT (LOTO)

CFR 1910.147(c)
CFR Control Program

∞2246 Citations
 ∞ 1535 (S/W/R)
 ∞ #1 Rank (S/W/R)

1910.147(c) con't C3616 (466 S/W/R) C3423 (327 S/W/R) 300 (113 S/W/R)

C3229 (196 S/W/R)

1910.147(c) con't

Additional 1910.147(c)
𝒴 395 (207 S/W/R)

1910.147(c)(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.



1910.147(c)(4) - Energy Control Procedure

(ii) The procedures shall clearly and specifically outline the:

- scope, purpose, authorization, rules,
- Techniques to be utilized for the control of hazardous energy,
 Means to enforce compliance including

1910.147(c)(4)(ii) "Energy control procedure."

- (A) A specific statement of the intended use of the procedure;
- (B) Specific procedural steps for shutting down, isolating, blocking and securing machines or equipment to control hazardous energy;
- (D) Specific requirements for testing a machine or equipment to determine and verify the effectiveness of lockout devices, tagout devices, and other energy control measures.

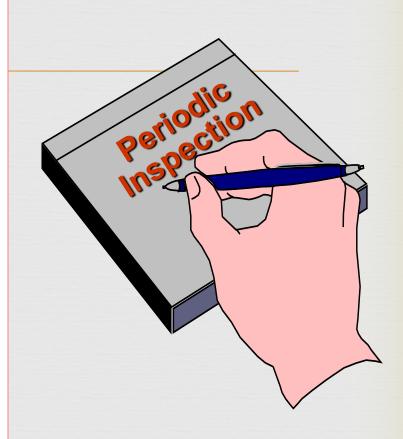
1910.147 (c)(4) – Exemption

If ALL these elements exist

- No Potential for Stored/ Residual energy
 Single energy source .. readily identified/isolated
- (R3) Completely deenergies and deactivates
- (R4) Isolated and Locked out during maintenance
- (R6) Under exclusive control of authorized employee
- (RR 8) No history of accidents

1910.147(c)(6) "Periodic inspection."

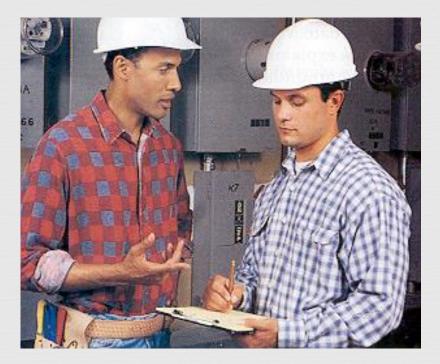
(i) The employer shall conduct a periodic inspection of the energy control procedure at least annually to ensure that the procedure and the requirements of this standard are being followed.



1910.147(c)(6) - Periodic Inspection

- (A) Performed by an authorized employee other than the one(s) utilizing the energy control procedure being inspected.
- (B) Conducted to correct any deviations or inadequacies identified.
- (∞) TAGOUT Include a review, between the inspector and each authorized and affected employee, of that employee's responsibilities under the energy control procedure being inspected, and the elements set forth in paragraph

1910.147 (c)(7)(i) -Training



A) Each authorized employee shall receive training in the recognition of applicable hazardous.....

- (B) Each affected employee shall be instructed in the purpose and use of the energy control procedure.....
- (C) All other employees whose work operations are or may be in an area ..., shall be instructed about the procedure, and about the prohibition relating to attempts to restart ...

Electrical

CB

Handout

Emphasis Programs in WI General Industry for FY 2015

- Nursing Homes
- Lead
- Silica
- Dairy Farms
- Grain Handling
- Combustible Dust

- Amputations
- Shipbreaking
- Flavorings
- Primary Metals
- Falls: GI & Con
- Hex Chrome
- Powered Industrial Vehicles (PIVs)*
- Site Specific Targeting (SST)
- Chemical Plants/Process Safety
- Federal Agencies High Rate of Lost Time Injuries
- Isocyanates

* Complaint Based or Observed During an Inspection

From Washington Regulatory Agenda

Updates to OSHA's Recordkeeping Rule
Electric Power Distribution in Construction
Confined Spaces in Construction
Silica

PELs (Permissible Exposure Limits)

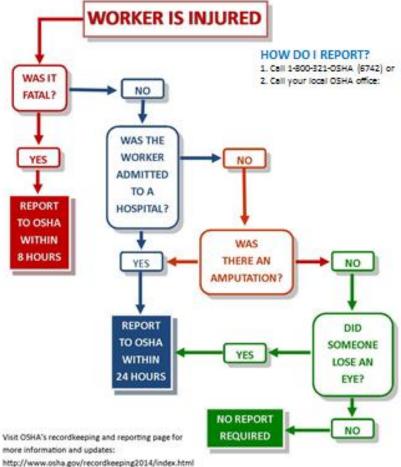
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Allyl glycidyl ether 106-92-3 (C)10 (C)10 Allyl glycidyl ether	Acrylonitrile, see 1910.1045.	309-00-2 107-18-6		5	
(AUE) disulfide. 2217	Allyl alconol. Allyl chloride. Allyl glycidyl ether. (AGE). Allyl propyl disulfide.	106-92-3		(C)45 12	





New OSHA Requirements





Updates to OSHA's Recordkeeping Rule, Effective January 1, 2015

- Expands what is required to be reported to OSHA.
- Current Requirement Report to OSHA within 8 hours:
 - Work related Fatalities/Catastrophies
- New Additional Requirement Report to OSHA within 24 hours:
 - All work-related in-patient hospitalizations
 - All amputations
 - All loss of an eye

How can employers report to OSHA?

- By telephone to the nearest OSHA office during normal business hours.
- By telephone to the 24-hour OSHA hotline (1-800-321-OSHA or 1-800-321-6742).
- Online: OSHA is developing a new means of reporting events electronically, which will be available soon at <u>www.osha.gov/report_online</u>.



If the Area Office is closed, may I report the fatality, inpatient hospitalization, amputation, or loss of an eye by leaving a message on OSHA's answering machine, faxing the Area Office, or sending an e-mail?

No, if the Area Office is closed, you must report the fatality, in-patient hospitalization, amputation, or loss of an eye using either the 800 number or the reporting application located on OSHA's public website at www.osha.gov

How does OSHA define "in-patient hospitalization"?

OSHA defines in-patient hospitalization as a formal admission to the in-patient service of a hospital or clinic for care or treatment.

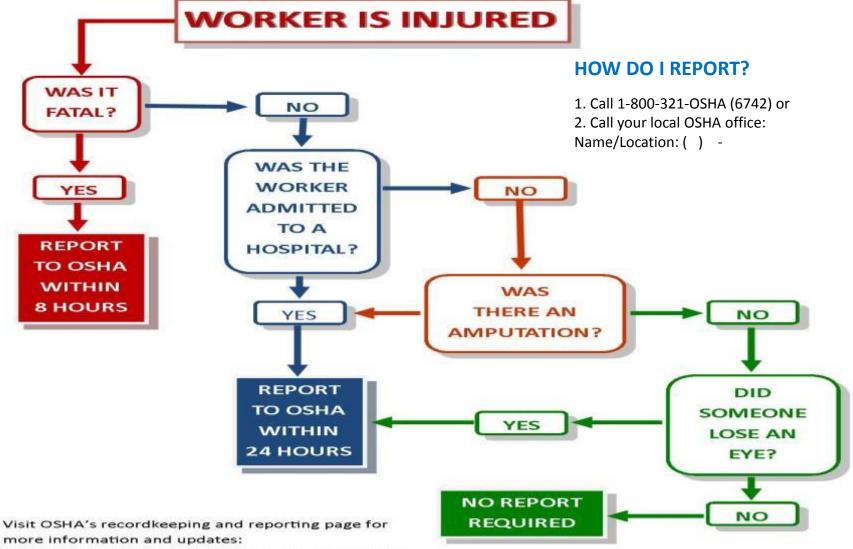




How does OSHA define "amputation"?

An amputation is the traumatic loss of a limb or other external body part. Amputations include a part, such as a limb or appendage, that has been severed, cut off, amputated (either completely or partially); fingertip amputations with or without bone loss; medical amputations resulting from irreparable damage; amputations of body parts that have since been reattached. Amputations do not include avulsions, enucleations, deglovings, scalpings, severed ears, or broken or chipped teeth.





http://www.osha.gov/recordkeeping2014/index.html

OSHA® FactSheet

Updates to OSHA's Recordkeeping Rule: Who is Required to Keep Records and Who is Exempt

http://www.osha.gov/recordkeeping2014/OSHA3746.pdf

For more information visit: http://www.osha.gov/recordkeeping2014/index.html

Favorites Tools Help Updates to OSHA's Recordkeeping Rule Home Reporting Fatalities and Severe Injuries/Illnesses Who Keeps Records FAQs Additional Resources Final rule [PDF*] "OSHA will now receive crucial reports of fatalities and severe work-related injuries and illnesses that will significantly enhance the agency's ability to target Changes to reporting our resources to save lives and prevent further injury and illness. This new data requirements: What needs to will enable the agency to identify the workplaces where workers are at the be reported to OSHA? greatest risk and target our compliance assistance and enforcement resources Who is required to keep accordingly." records? Who is exempt from Assistant Secretary of Labor for Occupational Safety and Health, Dr. David Michaels keeping records? Overview Fact Sheet [PDF*] Reportable Events Fact Sheet The Occupational Safety and Health Administration's revised recordkeeping rule includes two key changes: [PDF*] First, the rule updates the list of industries that are exempt from the requirement to routinely keep OSHA injury and Who Keeps Records Fact illness records, due to relatively low occupational injury and illness rates. The previous list of industries was based on Sheet [PDF*] the old Standard Industrial Classification (SIC) system and injury and illness data from the Bureau of Labor Statistics (BLS) from 1996, 1997, and 1998. The new list of industries that are exempt from routinely keeping OSHA injury and Forms, training, and other quidance materials on OSHA's illness records is based on the North American Industry Classification System (NAICS) and injury and illness data from injury and illness the Bureau of Labor Statistics (BLS) from 2007, 2008, and 2009. Note: The new rule retains the exemption for any recordkeeping requirements employer with ten or fewer employees, regardless of their industry classification, from the requirement to routinely keep records. Frequently Asked Ouestions Second, the rule expands the list of severe work-related injuries that all covered employers **must report** to OSHA. The revised rule retains the current requirement to report all work-related fatalities within 8 hours and adds the

requirement to report all work-related in-patient hospitalizations, amputations and loss of an eye within 24 hours to

OCHA

Inspection Process

- Every establishment covered by the OSH Act is subject to inspection by OSHA Compliance Safety and Health Officers (CSHO's)
- Most inspections are conducted without advance notice



Inspection Process



CSHO displays official credentials
 Opening conference
 Walkaround inspection
 Closing conference

Conducting the Walkaround Inspection

CSHO and accompanying representatives (employer and employee) inspect the establishment for potentially hazardous working conditions
 CSHO discusses possible corrective actions with the employer
 CSHO may consult, at times privately, with employees

Closing Conference

- Real Held with management (and employee representative) after the inspection.
- 🛯 Set abatement dates.
- Review the Employer's Rights and Responsibilities after an inspection.
- R Will not discuss amount of penalties.

What happens after an OSHA Inspection?

○ COSHA may or may not issue citations

- Citations inform employer and employees of the regulations and standards allegedly violated and of the proposed time for abatement
- Remployer must post a copy of each citation at or near place where violation occurred, for 3 days or until violation is corrected, whichever is longer

OSHA Inspection Priorities

Priority	Category of Inspection
1st	Imminent Danger: Reasonable certainty an immediate danger exists
2nd	Fatality/Catastrophe: Reported to OSHA; inspected ASAP
3rd	Complaints/Referrals: Worker or worker representative can file a complaint about a safety or health hazard
4th	Programmed Inspections: Cover industries and employers with high injury and illness rates, specific hazards, or other exposures.

Citations and Penalties

VIOLATION TYPE	PENALTY
WILLFUL A violation that the employer intentionally and knowingly commits or a violation that the employer commits with plain indifference to the law.	OSHA may propose penalties of up to \$70,000 for each willful violation, with a minimum penalty of \$5,000 for each willful violation.
SERIOUS A violation where there is substantial probability that death or serious physical harm could result and that the employer knew, or should have known, of the hazard.	There is a mandatory penalty for serious violations which may be up to \$7,000.
OTHER-THAN-SERIOUS A violation that has a direct relationship to safety and health, but probably would not cause death or serious physical harm.	OSHA may propose a penalty of up to \$7,000 for each other-than-serious violation.
REPEATED A violation that is the same or similar to a previous violation.	OSHA may propose penalties of up to \$70,000 for each repeated violation.

Lastly, There is Help!!

OSHA Appleton Area Office

- ✓ OSHA Onsite / BWC○ State Agencies
- 300 line (800-321-OSHA)

certools

- ၒ OSHA Website
- ∽ <u>www.osha.gov</u>
- Information resource

 - R Contacts,

