


# The ABC's of OSHA

30<sup>th</sup> Annual Ride Safety Inspection Forum  
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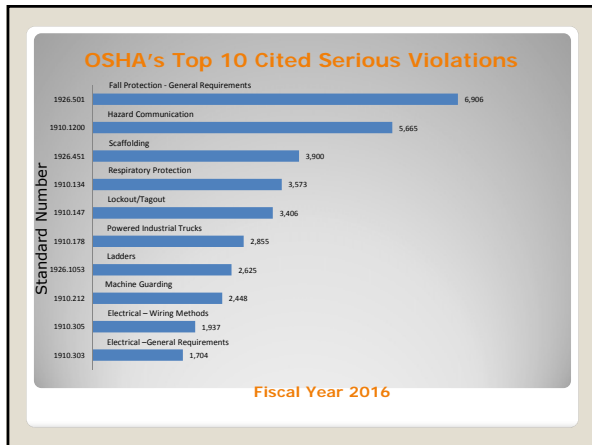
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- ### General Industry 29 CFR 1910
- walking/working surfaces
  - exit routes, emergency action plans and fire prevention plans (means of egress)
  - work platforms
  - ventilation
  - radiation
  - hazardous materials
  - personal protective equipment
  - sanitation
  - medical and first aid
  - fire protection
  - compressed gas/air equipment
  - material handling and storage
  - machinery and machine guarding
  - hand-held equipment
  - welding, cutting and brazing
  - electrical wiring and electronics
  - commercial diving
  - toxic and hazardous substances

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### Construction 29 CFR 1926

- fire protection
- signs, signals and barricades
- personal protective and lifesaving equipment
- material handling, storage, use and disposal
- hand/power tools, welding and cutting
- electrical
- scaffolds
- diving
- toxic and hazardous substances
- overhead protection
- stairways and ladders
- fall protection
- cranes, derricks, hoists, elevators and conveyors
- motor vehicles
- excavations
- concrete and masonry
- steel erections
- demolition and blasting

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### What If No Standard Exist?

Section 5(a)(1), General Duty Clause -

Each employer

- (1) shall furnish to each of his employees employment and a place of employment which are free from recognized hazards that are causing or likely to cause death or serious physical harm to his employees;
- (2) Shall comply with occupational safety and health standards promulgated under this Act.

**In Other Words:**

- Failed to keep the workplace free of a hazard to which employees of that employer were exposed,
- The hazard was recognized,
- The hazard was causing or was likely to cause death or serious physical harm,
- There was a feasible and useful method to correct the hazard.

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### Other Standards and Codes

- ANSI American National Standards Institute
- API American Petroleum Institute
- ASME American Society of Mechanical Engineers
- ASTM American Society of Testing and Materials
- AWS American Welding Society
- CGA Compressed Gas Association
- CMAA Crane Manufacturer's Association of America
- NEMA National Electrical Manufacturer's Association
- NFPA National Fire Protection Association
- NIOSH National Institute of Occupational Safety and Health
- SAE Society of Automotive Engineers
- UL Underwriters Laboratory
- USDOT United States Department of Transportation

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### Safety and Health Programs

- Research indicates benefits to companies who establish **effective worker safety and health programs**:
  - Reduction in the extent and severity of work-related injuries and illnesses
  - Improved employee morale
  - Higher productivity
  - Lower workers' compensation costs



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### Exemplary Workplaces

- Common characteristics of effective safety and health programs:
  - Assignment of responsibility to managers, supervisors, and workers
  - Regular inspections to control hazards
  - Employee training and orientation for the recognition and avoidance of hazards



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### S & H Program Guidelines

- Systematic approach to hazard:
  - Identification
  - Evaluation
  - Control



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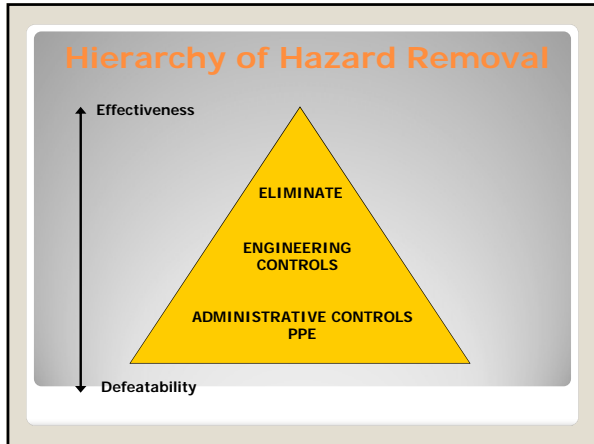
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### Major Elements

- Keys to an effective program:
  - Management commitment and employee involvement
  - Worksite analysis
  - Hazard prevention and control
  - Safety and health training



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### Management Commitment

- Management provides:
  - Direction and motivation
  - Resources
  - Activity control



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**Management Commitment**

- Safety and health policy statement
- Clear program goals and objectives
- Visible involvement in program from top management
- Leadership



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**Management Commitment**

- Assignment of safety and health responsibilities
- Clear communication of program goals



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**Management Commitment**

- Provides adequate authority to responsible personnel
- Holds managers, supervisors and employees accountable for meeting their responsibilities



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### Management Commitment & Employee Involvement

- Complement one another
- Management provides the motivating force and resources for safety and health programs
- Employee involvement provides workers opportunities to develop and express their own commitment to the safety and health program



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### Employee Involvement

- Active role for employees:
  - Workplace inspections
  - Hazard analysis
  - Development of safe work rules
  - Training of coworkers & new hires



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### Safety and Health Training

- Cover all required employee training
- Documentation where required
- Reinforcing employee training:
  - Continual feedback
  - Refresher training as needed



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**General Industry Required Training**

- Powered Platforms, Manlifts, Vehicle Mounted Platforms 1910.66(I)
- Occupational Noise Exposure 1910.95(k)
- Process Safety Management 1910.110(g)
- Hazardous Waste Operations & Emergency Response 1910.120(e)
- Personal Protective Equipment 1910.132(f)
- Respiratory Protection 1910.134(b)
- Permit Required Confined Space 1910.146(g)
- Control of Hazardous Energy (Lock Out/Tag Out) 1910.147(c)(7)
- Fire Brigades 1910.156(c)
- Portable Fire Extinguishers 1910.157(g)

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**General Industry Required Training**

- Serving Multipiece and Single Piece Rim Wheels 1910.177(c)
- Powered Industrial Trucks 1910.178(l)
- Logging Operations 1910.266(I)
- Telecommunications 1910.268(c)
- Electric Power Generation, Transmission/Distribution 1910.269(a)(2)
- Grain Handling Facilities 1910.272(e)
- Electrical 1910.332
- Asbestos 1910.1001
- Bloodborne Pathogens 1910.1030(g)(2)
- Hazard Communication 1910.1200(h)
- Occupational Exposure to Chemicals in Laboratories 1910.1450(f)

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The screenshot shows the OSHA website page for 'Tools for a Safety and Health Program Assessment'. The page header includes the OSHA logo and navigation links. The main content area features the title 'Tools for a Safety and Health Program Assessment' and a sub-header 'Construction Safety and Health Outreach Program'. Below this, there is an 'INTRODUCTION' section that explains the purpose of the tools and lists three basic methods for assessing safety and health program effectiveness: checking documentation of activities, interviewing employees, and reviewing site conditions.

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