






THE OSHA 10-HOUR GENERAL INDUSTRY COURSE  
**Safety and Health Programs**

### Hazard Identification: Comprehensive Survey

- A thorough worksite analysis should be done to identify any existing hazards and to manage conditions and operations where changes may occur to create hazards.
- Management must provide resources and authority so that all personnel can locate hazards and eliminate or control them promptly.



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### Hazard Identification: Safety & Health Inspections

Safety and health inspections should be made on regular intervals, usually on a weekly basis, and are designed to catch hazards missed at other stages. In addition, daily work inspection procedures should be established.

- Inspections should cover every part of the worksite
- They should be performed on a regular basis
- In-house inspectors should be trained to recognize and control hazards
- Identified hazards should be tracked until corrected
- Inspector information should be used to improve the hazard prevention and control program

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### Hazard Identification: Additional Worksite Analysis

Accidents and "near miss" incidents should be investigated, so that their causes and means for prevention are identified. Also, injuries and illness trends should be analyzed, so that common cause patterns can be prevented.

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### Hazard Prevention and Control

The first step in hazard prevention and control is to determine if a hazard or potential hazard exists and then attempt to eliminate these hazards by using an effective design of the job or jobsite. If the hazard cannot be eliminated, use hazard controls.

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### Hazard Prevention and Control



Hazards can be controlled by:

- Engineering controls
- Administrative controls
- Personal protective equipment
- Communication of safe work practices
  - Training and positive reinforcement
  - Correction of unsafe performance
  - Enforcement

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### Hazard Prevention Planning

- Preventing a hazard includes:
  - Maintaining the facility and equipment
  - Emergency planning
    - Training and drills, as needed
  - Medical programs
    - Maintaining first aid on site
    - Ensuring that physician and emergency care is available nearby
- Training is key for hazard prevention; it is the backbone of the system. Safety and health responsibilities must be addressed during training.

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### Safety and Health Training

- Supervisors are responsible for analyzing work to identify potential hazards in areas of responsibility, maintaining physical protections in work areas, reinforcing employee training through performance feedback and, if needed, enforcing safe work practices.
- Specific training needs include:
  - Hazard recognition
  - Training required in standards
  - Emergency response
  - Accident investigation
  - Emergency drills



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