

## FIRE PREVENTION

Fire prevention is extremely important during construction. Many more hazards exist during the construction phase of a project than after completion and particular attention to basic fire prevention practices and procedures is critical to ensure that all employees on site are protected.

A Fire Protection Plan should be developed and include the following information:

- Procedure for reporting fires.
- Locations of all fire-fighting equipment, both in writing and pictorially depicted on a map or site plan. For multi-level sites, each floor should be clearly described and depicted.
- Designated meeting area.
- Procedure for accounting for personnel
- Rescue and medical duties, when applicable.
- Training requirements.

Requirements for fire extinguishers:

- A fire extinguisher, rated not less than 2A, must be provided for each 3,000 square feet of the protected building area, or major fraction thereof. Travel distance from any point of the protected area to the nearest fire extinguisher may not exceed 100 feet.
- A fire extinguisher, rated not less than 10B, must be provided within 50 feet of wherever more than 5 gallons of flammable or combustible liquids or 5 pounds of flammable gas are being used on the jobsite.
- One or more fire extinguishers, rated not less than 2A, must be provided on each floor and in multistory buildings, at least one fire extinguisher must be located adjacent to stairway.

Effective fire prevention procedures require:

- Good housekeeping practices.
- Organized storage of materials.
- Proper storage of flammable materials.
- Regular removal of trash and construction debris.
- Regular inspections for fire hazards.
- Periodic inspections and maintenance of required fire-fighting equipment.
- Access to fire-fighting equipment maintained.



- Employees are trained on the use of fire extinguishers types on-site.
- Safe procedures for the setup and use of temporary heat.
- Safe procedures for refueling operations.
- Safe procedures for welding operations.
- Additional fire protection systems provided as construction progresses.
- Periodically monitor hazards such as temporary heat, vertical openings in the building, hazardous materials, etc.
- Weeds and grass kept down and a procedure provided for the periodic cleanup of the entire area.
- A written Emergency Action Plan – EAP – Includes escape procedures, designated escape routes and assigned duties with required training.
- Maintain designated safe routes with signage for employees to exit buildings and/or the site in case of an emergency.
- Communication and pre-planning with local fire department and EMS services.
- Maintain clear access for fire department and emergency vehicles throughout the site.
- Security provided to prevent unauthorized access to the site.

When fire prevention practices and procedures are followed and employees are properly trained on them, the chances of actually having a fire are greatly reduced and if a fire does occur, employees are much better prepared to handle the situation.



Company: \_\_\_\_\_

Location: \_\_\_\_\_

Topic: \_\_\_\_\_

Date: \_\_\_\_\_

### WEEKLY SAFETY PROGRAM REVIEW AND PRESENTATION

1. Remind all employees that it is their right to a safe work place. Each employee is responsible to report and respond to unsafe work practices and conditions.

2. Review of recent incidents, injuries, and reported near misses.

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3. Recent observations, safety violations, and demonstrated lack of knowledge or skills.

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4. Employee suggested corrective actions for avoiding future reoccurrences.

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5. Existing and upcoming work activities and potential hazards. Include review of supporting materials or documents and demonstrate safe work procedures.

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6. Employee workplace safety concerns and recommendations.

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7. Safety topic presentation. Include review of company policies, procedures, and location specific expectations. Encourage questions and clarifications.

8. Additional meeting notes.

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Company: \_\_\_\_\_

Location: \_\_\_\_\_

Topic: \_\_\_\_\_

Date: \_\_\_\_\_

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Printed Full Legal Name	Signature
Instructor 1:	
Instructor 2:	
Translator:	