

CONSTRUCTION SITE FIRE SAFETY

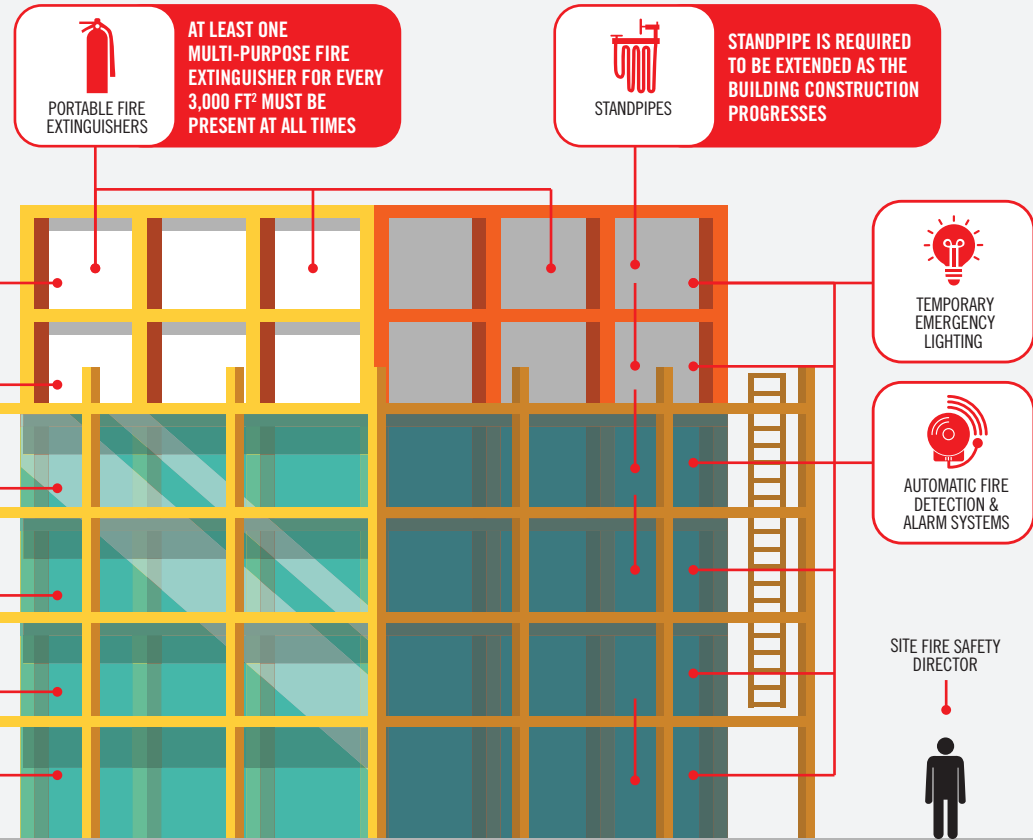
How to combat fires in buildings under construction:

1. Educate construction workers, property owners and managers on existing safety measures
2. Have the right fire safety equipment on site in order to prevent substantial loss

Construction sites should include the following fire safety equipment:

- ▶ Portable Fire Extinguishers
- ▶ Hydrants and Hose Reels
- ▶ Standpipes
- ▶ Temporary Emergency Lighting
- ▶ Automatic Fire Sprinklers
- ▶ Automatic Fire Detection and Alarm Systems

PORTABLE FIRE EXTINGUISHERS MUST BE INSTALLED ON ANY SELF-PROPELLED EQUIPMENT AT BUILDINGS UNDER CONSTRUCTION OR ON DEMOLITION SITES



Additional fire extinguisher requirements for construction sites:

- ▶ Select, distribute and maintain fire extinguishers in accordance with NFPA 10.
- ▶ Travel distance from any point to a fire extinguisher must not exceed 75 ft.
- ▶ As soon as combustible materials accumulate, install at least one fire extinguisher on each floor at each usable stairway.
- ▶ Install fire extinguishers in all large non-sprinklered sheds, storerooms, and tool rooms.
- ▶ Post fire extinguisher signs in close proximity to each extinguisher.

Conclusion:

Large buildings under construction have the potential for devastating fires due to the presence of a large amount of flammable and combustible materials. Reducing injuries and losses attributed to fires at buildings under construction requires adequate planning and provisioning of safety equipment. By having appropriate fire safety equipment readily available, immediate action can be taken, thus contributing to continuity of construction and minimal fire-related losses.

Construction Site Fire Safety Training

The National Association of State Fire Marshals' **Construction Site Fire Safety** training program considers a wide spectrum of prevention strategies that can be implemented across all construction site stakeholders to prevent catastrophic fires in buildings under construction. Learn more about this on-line or in-person course at firemarshals.org/Construction-Site-Fire-Safety.

FOR MORE INFORMATION
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