

Purpose: To provide recommended defenses related to general fire prevention and protection when planning work activities.

Fire Prevention recommended Defenses

During work planning, fire protection and prevention hazards must be reviewed, and appropriate defenses implemented such as:

- Do not obstruct access to fire protection equipment, control valves, fire doors, sprinklers, alarm devices electrical panels, motor control centers, or aisles and hallways that serve as an exit.
- Prevent combustible and flammable materials from accumulating in work areas.
- Store rags, fabric, and materials containing hydrocarbon product in a closed metal container.
- Smoking is only permitted in approved locations.
- Follow the Hot Work procedure as applicable.



NOTE: Only personnel trained and competent in the use of fire fighting equipment are permitted to use it.

Fire Protection Equipment

Fire protection equipment shall be maintained via manufacturer's specifications and existing CPC requirements including:

- Maintaining all fire alarm and safety shut down devices operable.
- Following established Bypassing Safety Shutdown devices procedures.

Fire Extinguisher Locations

Fire extinguishers must be provided and maintained per the applicable Fire Code (AB or BC) in locations such as:

- Office buildings, fuel dispensaries, and service areas
- On motorized equipment and during welding and cutting operations
- In processing areas as directed by process safety department
- MCCs, E-buildings and other areas containing electrical equipment.



NOTE: Fire extinguisher requirements for motor vehicles on company business are outlined in the Driving Safety document.

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Fire Extinguisher Requirements

Fire extinguisher requirements are as follows:

- Fire extinguishers are inspected, tested, and maintained as per the applicable code including the placement of a tag indicating monthly and annual inspections.
 - Annual certification by an accredited agency.
 - Extinguishers must be properly mounted on hangers, brackets, or stands, not on the floor or ground.
 - Fire extinguishers ≤ 18.14 kg (40 lb.) must be installed so that the top of the fire extinguisher is not more than 1.53m (5 ft.) off the floor.
 - Fire extinguishers > 18.14 kg (40 lb.) must be installed so that the top of the fire extinguisher is no more than 1.07m (3.5 ft.) off the floor.
 - Fire extinguishers mounted in office facilities or processing areas are per the appropriate building code.
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