



## C3 Safety Training: 12 Month Module

### Module 10: October – Fire Protection, Prevention Safety/Housekeeping

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Company Name: \_\_\_\_\_ Date: \_\_\_\_\_

C3 Project Name: \_\_\_\_\_

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#### Firefighting Equipment

1. Access to all firefighting equipment and job site egress shall be maintained at all times.
2. Become familiar with the locations of firefighting equipment.
3. All firefighting equipment shall be clearly and distinctly identified and conspicuously located.
4. All firefighting equipment shall be inspected monthly and maintained. Defective or discharged equipment shall be immediately replaced. Each fire extinguisher shall be serviced and tagged annually by a licensed individual.
5. During welding, cutting or grinding operations, there shall be a fire extinguisher readily available.
6. Fire extinguishers used to protect areas involving welding, cutting, or grinding shall be checked daily prior to start of the operation.

#### Fire Prevention

1. All Employees shall be made familiar with the general principles of fire extinguisher use and the hazards.
2. Smoking is prohibited at or in the vicinity of operations that constitute a fire hazard, and shall be conspicuously posted: "NO SMOKING OR OPEN FLAME."
3. Areas where cutting and welding are performed shall be kept clean, and any accumulation of trash, rags, etc. shall be removed. Consideration shall be given to the distance that sparks or slag can travel.
4. When welding, cutting or grinding operations are to be performed above gratings, decks or near floor or wall openings, a non-combustible covering shall be placed over deck or openings.
5. Sparks and slag must be contained in congested work areas. When it is impossible to contain sparks and slag, the danger area must be barricaded
6. Never leave equipment that uses an open flame unguarded.

#### Fire Extinguishers

The fire extinguisher inspection will include:

1. Pressure gauge - pressure satisfactory (in green zone).
2. Retainer pin - in place and secured by breakaway safety plastic tie.
3. Damage - no external damage to shell.
4. Inspection tag - in place and current (inspected within last 12 months.)

Damaged or discharged fire extinguishers will be removed and replaced.



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## Training

All Employees shall be properly trained in the proper use of fire extinguishers. That training includes:

1. Identification of fire extinguisher types
2. Fire extinguisher components
3. Fire extinguisher locations
4. PASS (point, aim, squeeze, sweep)
5. Damage, replacement: Are you doing everything to make sure it doesn't happen on your shift?

## Housekeeping Review

Potential Hazards:

Cluttered work areas can lead to accidents and cause worker injuries, that are the result of:

1. Slips, trips, and falls,
2. Being struck by falling objects,
3. Impeded access to exit routes and firefighting equipment,
4. Fires resulting from improper disposal of flammable/combustible materials (such as rags, paper, cardboard)

## Requirements for Safe Housekeeping include:

1. Daily jobsite cleanup program
2. Disposal of rubbish
3. Materials to be piled, stacked, or otherwise stored in a way to prevent tipping and collapse
4. Materials to be stored away from overhead power lines or other energy sources
5. Work and travel areas to be kept tidy, well-lit
6. Signs posted to warn workers of hazardous areas or conditions

## Specific Requirements

1. Keep equipment and areas around equipment clear of scrap and waste.
2. Keep stairways, passageways, and gangways free of material, supplies, or obstructions at all times.
3. Do not drop material or rubbish freely from any level; use chutes or other approved devices.
4. Workplaces and passageways that are slippery due to oil or other causes should be cleaned up or covered with sand, sawdust, or the like.
5. Keep electrical cords away from areas where people could trip over them.



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6. Means of egress must be maintained at all times to all exits and to all fire-alarm boxes or fire-extinguishing equipment.
7. Oils, paints thinners, solvents, waste, rags, or other flammable substances must be kept in fire-resistant ventilated covered containers when not in use.
8. Questions or concerns about any housekeeping issue should be brought to the attention of your immediate supervisor.