



Section 22: Fire Prevention and Protection

1. Fire Prevention and Protection Procedures

1.1 Temporary Heating Equipment

- A. Temporary heaters are prohibited unless approved by the EQ EHS manager.
- B. Operation and maintenance of temporary heating equipment is the responsibility of the contractor. Heaters must bear the UL label (or approved equal).
- C. Contractors must ensure that heaters are in working order and provide trained personnel to be in attendance at all time heaters are in operation.
- D. A tip over shut-off device must be included for space heating equipment.
- E. Do not place clothing or flammable items on or near heaters.
- F. Operators must be trained for fire watch and use of fire extinguishers and the contractor must retain the training documentation.
- G. Provide adequate ventilation when using liquid fuels in an enclosed environment, and conduct atmospheric testing as needed.

1.2 Flammable and Combustible Materials

- A. Storage and use of flammable liquids is prohibited without the approval of the EQ EHS manager.
- B. Store and handle flammable and combustible materials with regard to their fire characteristics. Materials must be clearly labeled.
- C. Store flammable liquids and gasses outdoors in an approved manner and dispense only in approved safety containers.
- D. Separate and store combustible materials or equipment in non-combustible containers in a proper manner.
- E. If approved for use, do not store more than a 1-day supply of combustible materials or containers in one location within the building. Locate supplemental fire fighting equipment in the vicinity of these containers and materials.

1.3 Fire protection equipment must be furnished for all phases of the work as required by law.

1.4 Fire extinguishers should only be used by employees who have received documented fire extinguisher training within the past 12 months.

1.5 Use fire resistant materials for temporary structures.

1.6 Provide access to the work area and around the perimeter. Maintain access in a serviceable condition suitable at all times for use by heavy fire fighting equipment.

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- 1.7 Do not drive trucks and motor vehicles within the perimeter of buildings, unless they are designed for that purpose and approved by the EQ representative.
- 1.8 Perform torch-cutting and welding operations in accordance with the applicable fire and safety regulations. Use fire resistant tarpaulins when torch-cutting or welding.
- 1.9 Remove combustible waste materials, rubbish and debris daily.
- 1.10 Replace temporary fire fighting or fire protection equipment immediately after use, and remove when work is complete.
- 1.11 Do not fuel equipment while the motor is running.
- 1.12 Provide proper safety waste cans for disposing oily rags or combustible materials.
- 1.13 If the installation of sprinkler systems and fire alarm systems is within the scope of work to be done, they must be placed in service as early in the project as possible.
- 1.14 Gasoline or diesel powered portable generators must be approved by the EQ EHS manager and used only when a qualified operator is present.
- 1.15 Post "No Open Flame" signs where applicable.

2. Temporary Fuel Tanks

- 2.1 Temporary fuel tanks (gasoline, diesel, and fuel oil) are only allowed when approved by the EQ EHS manager.
- 2.2 Tanks must meet construction and design criteria provided by the EQ representative.
- 2.3 Temporary fuel tanks may require a permit in accordance with local and state regulations.
- 2.4 Temporary fuel tanks shall have required marking and signage. Provide secondary containment where feasible.