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- FMS.19.3 The hospital ensures installing fire rated walls as appropriate, especially in high risk areas like the laboratory, electrical rooms, and kitchen.
  - FMS.19.4 The hospital ensures installing fire stop materials to seal penetrations as appropriate (especially in technical rooms, electrical rooms, and escape routes).
  - FMS.19.5 The hospital ensures developing and scheduling staff training programs on the use of fire extinguishers.
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**Standard Intent:**

Hospital occupants fire safety needs to be ensured through number of facility control measures besides staff training. These measure need to include procurement of fire rated materials such as furniture and curtains (should be proved through materials specs) and establishing fire and smoke compartments specially for high risk areas like the laboratory, electrical rooms, and kitchen. Facility management and safety team should be able to provide floor layouts of such compartments and fire walls should have plate to certify that it is fire rated with required hour-protection. Fire rating should also include windows glass and doors along the compartment.

Whenever penetration is made, approved fire stop materials should be installed for sealing the penetration.

Also, staff training schedule on fire extinguisher usage should be provided considering different types of fire extinguishing systems.

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**FMS.20 Fire extinguishers are available in the hospital and are properly distributed.**

- FMS.20.1 The fire extinguishers are adequate in number as per civil defense guidelines.
  - FMS.20.2 The fire extinguishers are appropriately distributed throughout the hospital.
  - FMS.20.3 The fire extinguishers are appropriately positioned as per civil defense guidelines.
  - FMS.20.4 The fire extinguishers are inspected monthly to assess functionality.
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**Standard Intent:**

The selection of fire extinguishers for a given situation shall be determined by the character of the fires anticipated, the construction and occupancy of the individual property, the vehicle or hazard to be protected, ambient-temperature conditions, and other factors. The number, size, placement, and limitations of use of fire extinguishers



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required shall meet the requirements of the Civil Defense Guidelines for healthcare occupancies.

To ensure fire extinguishers functionality, documented monthly inspection needs to be documented with inspection tag placed on the extinguisher.

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#### FMS.21 The hospital has an effective fire alarm system.

FMS.21.1 There is a fire alarm system that is functioning and regularly inspected as per civil defense guidelines.

FMS.21.2 The fire alarm system testing results are documented.

FMS.21.3 The fire alarm system has preventive maintenance.

FMS.21.4 The elevators are connected to the fire alarm system.

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#### Standard Intent:

To ensure functionality of hospital's fire detection and alarm system a record of all inspections, testing, and maintenance shall be provided that includes the following information regarding tests and all the applicable information requested in:

- (1) Date
- (2) Test frequency
- (3) Name of property
- (4) Address
- (5) Name of person performing inspection, maintenance, tests, or combination thereof, and affiliation.
- (6) Designation of the detector(s) tested.
- (8) Functional test of detectors.
- (9) Functional test of required sequence of operations.
- (10) Check of all smoke detectors.
- (11) Loop resistance for all fixed-temperature, line-type heat detectors.
- (12) Other tests as required by equipment manufacturers.