

**SECTION 01800 INTERIM LIFE SAFETY MEASURES**

**PART 1 - GENERAL**

1.01 RELATED DOCUMENTS:

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification sections, apply to work of this section.
- B. Contract Documents: Indicate the work of the Contract and related requirements and conditions that have an impact on the project. Related requirements and conditions that are indicated on the Contract Documents include, but are not necessarily limited to the following:
  - 1. Existing conditions and restrictions on the use of the Work Area.
  - 2. Requirements for partial Owner occupancy of portions of the work prior to substantial completion of the Contract Work.

1.02 SUMMARY OF LIFE SAFETY MEASURES:

- A. The work of this section can be summarized as follows:
  - 1. The purpose of this Section is to develop and implement actions required for hazards posed by Life Safety Code (LSC) deficiencies whenever they occur during construction, alteration, and/or demolition activities.
  - 2. Exits shall be maintained to provide free and unobstructed egress at all times. If alternative exits must be designated, all construction personnel in adjoining areas shall receive training for egress. Such training shall be provided and documented by the Contractor, and conducted in the presence of the Owners's Project Manager.
  - 3. Means of egress in construction areas shall be inspected daily by the Contractor and a daily log of these inspections shall be kept by the Contractor.
  - 4. Emergency departments (fire, rescue, security, etc.) shall be provided with free and unobstructed access for emergency services.
  - 5. All fire alarm, detection, and suppression systems shall not be impaired without prior approval by the Owner's Project Manager. Temporary systems shall be provided by the Contractor if a fire system is impaired for more than twenty-four (24) hours. Any temporary systems shall be inspected and tested monthly by the Contractor; all inspections and tests shall be fully documented. Temporary systems shall be approved by the Owner's Project Manager.
  - 6. All temporary construction partitions that compromise a fire or smoke barrier shall be maintained smoke-tight and constructed of non-combustible or limited-combustible materials that will not contribute to the development or spread of a fire. All seams and joints shall be taped.

7. The Contractor shall provide additional fire-fighting equipment and use training for construction personnel.
  8. Smoking shall be prohibited within the facility and on construction sites except in designated external smoking areas.
  9. The Contractor shall develop and enforce housekeeping, storage, and debris-removal policies that reduce the flammable and combustible fire load of the building to the lowest level necessary for daily operations.
  10. The Contractor shall train construction personnel in alternative fire safety procedures when structural or compartmentation features of fire safety are compromised. The Owner shall train hospital staff in these same procedures. The Owner shall also instruct the Contractor as to normal fire response procedures. All training shall be documented.
  11. The Owner shall conduct organization-wide safety education programs to ensure awareness of any Life Safety Code deficiencies, construction hazards, and Interim Life Safety Measures.
  13. Construction areas shall be maintained in a secure condition at all times. Doors to temporary partitions shall remain locked at all times.
  14. The Owner shall increase hazard surveillance of construction areas as necessary and shall document such surveillance on field report forms.
- B. Documentation of all inspection, testing, training, monitoring, surveillance, and evaluation of Interim Life Safety Measures shall be provided by the Contractor and/or the Owner according to their separate responsibilities as defined in this Section.

1.03 MISCELLANEOUS PROVISIONS:

- A. Temporary Fire Protection
1. Until fire protection needs are supplied by permanent facilities, install and maintain temporary fire protection facilities of the type needed to protect against reasonable, predictable, and controllable fire losses. Comply with NFPA 10 "Standard For Portable Fire Extinguishers", and NFPA 241 "Standard For Safeguarding Construction Alterations and Demolition Operations".
  2. Provide hand-carried portable, UL-rated, Class "A" fire extinguishers for temporary offices and similar spaces. In other locations, provide hand-carried, portable, UL-rated, Class "ABC" dry chemical extinguishers of NFPA recommended classes for exposures.
  3. Locate fire extinguishers where convenient and effective for their intended purpose, but not less than one extinguisher on each floor at or near each usable stair.
  4. Store combustible materials in metal containers in fire-safe locations.
  5. Maintain unobstructed access to fire extinguishers, fire hydrants, temporary fire protection facilities, stairs, and other access routes for fighting fires.

6. Provide supervision of welding operations, combustion type temporary heating units, and similar sources of fire ignition. Comply with MMC open flame procedure.
  7. Collect waste from construction areas daily. Comply with requirements of removal of combustible waste material and debris, enforcing requirements strictly. Handle hazardous, dangerous, or unsanitary waste materials separately from other waste by containerizing properly. Dispose of all waste materials in a lawful manner.
- B. Observation: Regular observation of the construction site will be done by the Owner's Project Manager.

**PART 2 - PRODUCTS (Not Applicable).**

**PART 3 - EXECUTION (Not Applicable).**

END OF SECTION 01800