

INTERIM LIFE SAFETY MEASURES

1. Ensuring free and unobstructed exits. Personnel in affected areas receive additional training when alternative exits are designated. Buildings or areas under construction must maintain escape routes for construction workers at all times. Means of exiting construction areas are inspected daily.
2. Ensuring free and unobstructed access to emergency services and for fire, police, and other emergency forces.
3. Ensuring fire alarm, detection, and suppression systems are in good working order. A temporary but equivalent system shall be provided when any fire system is impaired. Temporary systems must be inspected and tested monthly.
4. Ensuring temporary construction partitions are smoke-tight and built of noncombustible or limited combustible materials that will not contribute to the development or spread of fire.
5. Providing additional firefighting equipment and training personnel in its use.
6. Prohibiting smoking, according to the Joint Commission Environment of Care standards, throughout all buildings on the station as well as in and adjacent to construction areas.
7. Developing and enforcing storage, housekeeping, and debris removal practices that reduce the building's flammable and combustible fire load to the lowest feasible level.
8. Conducting a minimum of two fire drills per shift per quarter.
9. Increasing hazard surveillance of buildings, grounds, and equipment with special attention to excavations, construction areas, construction storage, and field offices.
10. Training personnel to compensate for impaired structural or compartmentalization features of fire safety.
11. Conducting organization-wide safety education programs to promote awareness of Life Safety Code deficiencies, construction hazards, and Interim Life Safety Measures.

EDWARD HINES JR. VA HOSPITAL  
FACILITIES MANAGEMENT SERVICE

**INTERIM LIFE SAFETY MEASURES  
CONSTRUCTION PROJECT EVALUATION WORKSHEET**

**PROJECT TITLE/NUMBER:** Repair Exterior Building 20 / 578-16-020

**BUILDING/ROOM NUMBER:** Building 20, Floor 2 areas

**SERVICE/SECTION RESPONSIBLE:** Engineering

**EFFECTS ON LIFE SAFETY**

Provide a brief description of the project and any effects it is likely to have on life safety. Examples include: closing of an exit; use or storage of flammable materials on-site; installation of a dust barrier; blocking streets, driveways or access roads; impairment of fire detection and/or suppression systems; and removal of doors.

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Project will primarily focus on the repair to the exterior of the building which includes brick and roofing work. Exterior work will not impair fire or emergency exit or access. Interior work includes the removal of water damaged finishes on the second floor and in the southeastern stairwell. Temporary plastic barriers will be erected in the project area.

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### **SPECIFIC SAFETY CONCERNS**

Will any of the work to be performed during this project as currently planned compromise or impair the use of the critical elements of fire protection listed below?

1. FIRE ALARM SYSTEMS: YES \_\_\_\_\_ NO X

If YES is checked above, provide additional details, including number of devices affected and length of time systems will be impaired, on a separate sheet.

2. AUTOMATIC FIRE SPRINKLER SYSTEMS: YES \_\_\_\_\_ NO X

If YES is checked above, provide additional information including the size and occupancy of the area affected, and the anticipated duration of the impairment.

3. EXITS (STAIRWELLS, CORRIDORS & DOORS): YES X NO \_\_\_\_\_

The Southeastern stairwell will be temporarily obstructed but would not prevent use in event of emergency.

If YES is checked above, provide additional information including the type, number, and location of exits, which will be obstructed, and the anticipated duration of the impairment.

4. ACCESS TO EMERGENCY VEHICLES & PERSONNEL: YES \_\_\_\_\_ NO X

If YES is checked above, provide additional information including location of blockage, how access will be obstructed, and the anticipated duration of the impairment.

5. INTEGRITY OF SMOKE &/OR FIRE COMPARTMENTS: YES \_\_\_\_\_ NO X

If YES is checked above, provide additional information including size, location, number, and purpose of penetrations, which will be made.

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Person responsible for construction projects  
And/or activities, including work/projects

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Date

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Service/Section Chief

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Date

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FACILITIES MANAGEMENT SERVICE

**INTERIM LIFE SAFETY MEASURES  
OCCUPANT IMPACT EVALUATION WORKSHEET**

**DESCRIPTION OF LSC DEFICIENCY OR CONSTRUCTION PROJECT:**

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**SIGNAGE**

1. Will the above described LSC deficiency or construction project hinder the occupants in the immediate area from effectively implementing **RESCUE**?

YES \_\_\_\_ NO X

If YES is checked above, will the condition described exist for more than one working day?

YES \_\_\_\_ NO \_\_\_\_

If the condition will exist for more than one working day, signage must be prepared and posted informing the occupants of the compromise of safety and directing a higher level of awareness of fire hazards.

SIGNS POSTED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

2. Will the above described LSC deficiency or construction project hinder the occupants in the immediate area from effectively activating a pull station fire **ALARM**?

YES \_\_\_\_ NO X

If YES is checked above after question 2, will the condition described exist for more than one working day?

YES \_\_\_\_ NO \_\_\_\_

If the condition will exist for more than one working day, signage must be prepared and posted informing the occupants that the fire alarm pull station is out of service and instructing the occupants to call the Hines Police Department by telephone at extension 22323 to report a fire.

SIGNS POSTED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

3. Will the above described LSC deficiency or construction project hinder the ability of the occupants in the immediate area to **CONFINE** a fire?

YES \_\_\_\_ NO X

If YES is checked above, will the condition described exist for more than one working day?

YES \_\_\_\_ NO \_\_\_\_

If the condition will exist for more than one working day, signage must be prepared and posted informing the occupants of the condition and listing alternative actions to be taken until the condition is remediated.

SIGNS POSTED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

4. Will the above described LSC deficiency or construction project reduce or hinder the ability of the occupants in the immediate area or the community Fire Department to **EXTINGUISH** a fire?

YES \_\_\_\_ NO X

If YES is checked above, will the condition described exist for more than one working day?

YES \_\_\_\_ NO \_\_\_\_

If the condition will exist for more than one working day, signage must be prepared and posted informing the occupants of the condition and listing alternative actions to be taken until the condition is remediated. Additionally, the community Fire Department will develop a contingency firefighting tactical plan for the area. In the case of construction projects, that contingency plan must be approved and in place prior to permitting any work to start at the job site.

SIGNS POSTED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

5. Will the above described LSC deficiency or construction project hinder the occupants' ability to **EVACUATE** the building or area?

YES X NO       

If YES is checked above, will the condition described exist for more than one working day?

YES \_\_\_\_\_ NO \_\_\_\_\_

If the condition will exist for more than one working day, signage must be prepared and posted advising the occupants of the condition and describing alternate routes of egress.

SIGNS POSTED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

## TRAINING

6. Does the ILSM signage pertaining to **RESCUE** provide sufficient information and instruction in itself to ensure proper occupant response during an emergency incident?

YES \_\_\_\_\_ NO \_\_\_\_\_

If the signage is determined to be inadequate to ensure proper occupant response, Safety will provide the personnel affected with additional instruction and training as necessary. Such training will be documented.

TRAINING CONDUCTED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

7. Does the ILSM signage pertaining to **ALARM** provide sufficient information and instruction in itself to ensure proper occupant response during an emergency incident?

YES \_\_\_\_\_ NO \_\_\_\_\_

If the signage is determined to be inadequate to ensure proper occupant response, Safety will provide the personnel affected with additional instruction and training as necessary. Such training will be documented.

TRAINING CONDUCTED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

8. Does the ILSM signage pertaining to **CONFINE** provide sufficient information and instruction in itself to ensure proper occupant response during an emergency situation?

YES \_\_\_\_\_ NO \_\_\_\_\_

If the signage is determined to be inadequate to ensure proper occupant response, Safety will provide the personnel affected with additional instruction and training as necessary. Such training will be documented.

TRAINING CONDUCTED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

9. Does the ILSM signage pertaining to **EVACUATE** provide sufficient information and instruction in itself to ensure proper occupant response during an emergency situation?

YES \_\_\_\_ NO \_\_\_\_

If the signage is determined to be inadequate to ensure proper occupant response, Project/Planning will provide the personnel affected with additional instruction and training as necessary. Such training will be documented.

TRAINING CONDUCTED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

### **FIRE DRILLS**

10. Will the above described LSC deficiency or construction project necessitate altering staff response to **RESCUE, ALARM, CONFINEMENT, EXTINGUISHMENT** and/or **EVACUATION**?

YES \_\_\_\_ NO \_\_\_\_

If YES is checked above, will condition exist for more than sixty days?

YES \_\_\_\_ NO \_\_\_\_

If staff response to Rescue, Alarm, Confinement, Extinguishment and/or Evacuation will be altered for more than sixty days, the Safety Section will increase the frequency of scheduled fire drills in the area affected to two per shift per quarter.

ADDITIONAL FIRE DRILLS SCHEDULED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

## **INSPECTION**

If evaluation indicates that one or more ILSMs must be used for this deficiency or project, daily inspection of the site by Safety personnel will be required. Each inspection must be documented on the ILSM High Hazard Inspection Report.

INSPECTION REQUIRED:        YES \_\_\_\_    NO \_\_\_\_

INSPECTION SCHEDULED BY: \_\_\_\_\_                      DATE: \_\_\_\_\_

EVALUATION COMPLETED BY:

\_\_\_\_\_  
SIGNATURE OF SAFETY STAFF

\_\_\_\_\_  
DATE



EDWARD HINES JR. VA HOSPITAL  
FACILITIES MANAGEMENT SERVICE

**INTERIM LIFE SAFETY MEASURES  
HIGH HAZARD INSPECTION REPORT**

LOCATION: \_\_\_\_\_

DESCRIPTION OF DEFICIENCY OR PROJECT: \_\_\_\_\_

ILSMs REQUIRED: \_\_\_\_\_

	<u>YES</u>	<u>NO</u>
1. Is the ability of the occupants to perform rescue impaired?	_____	_____
2. Is the ability of the occupants to activate an alarm impaired?	_____	_____
3. Is the ability of the occupants to confine a fire impaired?	_____	_____
4. Is the ability of the occupants to extinguish a fire impaired?	_____	_____
5. Is the ability of the occupant to perform evacuation impaired?	_____	_____
6. Is access to emergency vehicles/personnel impaired?	_____	_____
7. Is the automatic fire sprinkler system in operation?	_____	_____
8. Are the smoke detectors operating?	_____	_____
9. Are flammable or combustible materials stored in the area?	_____	_____
10. Is the area clear of storage, trash, waste and debris?	_____	_____

REMARKS/CORRECTION ACTION REQUIRED: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
SIGNATURE OF INSPECTOR

\_\_\_\_\_  
DATE

Attachment E  
Policy Memorandum 578-02-001-088(R-3)  
November 25, 2014

Fire Watch Decision Grid		
Service Situation	Fire Watch Required?	ILSM Evaluation Required?
A. Putting a shield over one smoke detector to prevent dust/false alarms for more than 4 hours	No	Recommended
Rationale: Other features of fire protection are not compromised during the event, such as additional smoke detectors or sprinkler heads in the affected area.		
B. Covering all smoke detectors during a controlled event, such as only during the time contractors are working in an affected area, although after hours the entire area is fully operational	No	Yes
Rationale: During a controlled event, the organization would be managing the deficiency. The area would be continually monitored, and ILSM should be implemented as per policy		
C. Shutting off a zone valve to the sprinkler system or disabling a fire alarm zone for more than 4 hours		
<ul style="list-style-type: none"> <li>Scheduled event (that is, working on, servicing, or upgrading fire alarm system or sprinkler system)</li> </ul>	Not in all cases	Yes (emphasis on occupant notification)
Rationale: During a controlled event, the organization would be managing the deficiency. The area would be continually monitored, and ILSM would be implemented as per policy.		
<ul style="list-style-type: none"> <li>Unscheduled event (that is, shutting off a zone valve to the sprinkler system or disabling a smoke zone for more than 4 hours in response to a system failure)</li> </ul>	Yes	Yes