Interim Life Safety Measures (ILSM)

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What are Interim Life Safety Measures?

- Temporary measures implemented when life safety features or systems are compromised.
- ILSM is a The Joint Commission Program that goes beyond the NFPA Life Safety requirements in support of defend in place strategies.
- A proactive program to manage risk.
ILSM

Background & Significance

- When do you need an ILSM assessment?
  - When life safety features or systems are compromised.
  - All construction/renovation projects.
ILSM Process

Assessment
- NYP identifies measures to be implemented

Monitoring
- Daily inspection by contractor
- Weekly inspection by NYP
- Remediation of deficiencies
Top 3 Deficiencies – All Sites

Barriers: 146
Extinguishers: 111
Exit Signage: 39

*January 2015 through September 2015*
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- **Penetrations**
- **Wall not to deck**
- **Painter’s tape does not provide an approved smoke seal**
Barrier Issues

- Penetrations
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ILSM

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Fire Extinguisher Issues

- Obstructed
- Not mounted properly
- Missed Monthly Inspection
- Missing Tamper Seal
- Safety Pin not in place
- Annual Inspection not conducted by FDNY approved vendor.
General Safety

- Electrical Hazards
- 3-prong connection is damaged and missing the third prong
- Damaged extension cards in service
- Power tool not in use left plugged into power source
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Firestopping Issues

- Improperly sealed
- Mixed material
- Blow Out (Scab) Patch
- Not installed to UL System
ILSM

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Sprinkler Issues

- Sprinkler installed too close to wall
- Impaired sprinkler
- Wires on sprinkler lines
- Sprinkler obstructions
- Sprinkler installed too close to another sprinkler (<6')
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Means of Egress Issues

- Egress blocked
- Improper / missing directional signage
- Exit signage blocked
- Missing exit signage
- Missing “No Exit / Not an Exit” signage
- Non photoluminescent exit signage
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ILSM

- Missing fireproofing
- Improper firestopping, (i.e. foam)
- Non-sprinkler items being supported by fire suppression system
- Fire rated barriers and walls not built as designed
- Penetrations
- Wood on the underside of slab

Existing Conditions
ILSM

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Best Practices

- Fire Extinguisher Stands
- Temporary Egress Plan
- Label Firestop Penetrations
- Label Temporary Construction barriers
- Label Fire Barriers
- Review ILSM
- Communication with fire safety and facilities managers
- Tool Box Talks
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- **Temporary Egress Plan**
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**Temporary Egress Plan**

Neuro Institute Fire Alarm
Upgrade Proj # 10934 Tunnel
Level - 03/10/14 Stair A Closure

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**Legend:**
- U - Unaltered arrowed Exit Sign to remain
- M - Modified arrowed Exit Sign
- UE - Unaltered Exit Sign to remain
- MES - Modified Exit Sign
- XO - Staircase open for egress
- C - Staircase closed - Work zone

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The University Hospital of Columbia and Cornell
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Best Practices
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- Daily Orientation Process
- Fire Alarm Vendor coordination
- Staffing and Supervision
- Utility Identification
ILSM
False Alarm Activations
HCAAPS Impact Noise Reduction
- Hot Work Permits are issued at the Fire Safety Office.
- 24 Hour Notice Must be renewed daily if the work requires additional time.
Hot Work Operation

- **Torch Operator**
  - Certificate of Fitness Issued by FDNY

- **Fire Guard**
  - Certificate of Fitness issued by FDNY
  - 1 per Torch Operator
  - Additional, as necessary
  - Sole Responsibility

- **Fire Extinguisher**
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Hot Work Operation
Impaired Sprinkler System

- Requires a FDNY Hot Work Permit.
- To obtain a permit you must submit the following to the FDNY CDA Unit:
  - On letter head from the permittee (GC) a detailed letter for the type of permit you are requesting; description of work.
  - Proof of Insurance - Liability and Workers’ Comp.
  - Department Of Buildings Work Permit for the site
  - Certificate(s) of Fitness for the specified type of work requested
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Above Ceiling Work Permit

- Inspection \ Maintenance Permit
- Penetration Permit
  - Approval
    - Fire Safety
    - Infection Control &
    - Facilities Operations
  - UL Systems, Firestopping Certification
- Containment Cubes & Temporary Partitions
  - ILSM
- Above Ceiling Work Vest
- Close-Out of Permit