

Life Safety Test Checklist

Electrical

Fire Alarm System

- Audibility
- Annunciator
- Pull station locations
- Smoke detectors
- Heat detectors
- Central alarm reporting
 - Voice communications
 - Zones
 - Intelligibility
 - Signal silence (timed inhibitor)
 - Emergency telephones

Sprinkler System

- Smoke exhaust
- Stairwell pressurization
- Vestibule pressurization
- Flow switches
- Sprinkler supervision
- Standpipe supervision
- Fire pump supervision

Electromagnetic locks

- Release on fire alarm activation
- Location of manual release switch
- Emergency generator tests
- Exit and emergency lighting
- Elevator recall (manual, automatic, alternate floor)
- Fire protection of electrical conductors (elevator, fans, etc.)
- Release on activation of manual release switch with no re-locking

Mechanical

Pressurization

- Vestibule
- Stair
- Corridor
- Elevator shaft
- Other
- Smoke exhaust system operation
- Smoke damper operation
- Tamper switches on standpipe systems valves
- Tamper switches on sprinkler systems valves
- Fire pump test
- Water flow test for sprinkler zones
- Fresh air louver operation in emergency generator room

Building

- Exterior stair shaft door hardware release
- Magnetic door hold open device(s) release on alarm activation
- Magnetic door locking device(s) release on alarm activation
- Maximum 15 second delay for hardware release
- Fire separations
- Rates closures
- Shutter doors
- Areas of refuge

- Panic hardware
- Guards and handrails
- Exiting
- Raised numbers in stairwells
- Street number posted on building
- Exit light location
- Barrier free access to balconies

Fire

- At central alarm control facility or annunciator panel
 - Pressurization fans operation
 - Emergency phone clarity and at floor locations
 - Key and box provided for firefighters
- Fire department connection
 - Location (multiple?)
 - Design and orientation
 - Identification
- Extinguishers
- Standpipe and hose
- Emergency access keys provided for firefighters
- Emergency generator – fuel supply
- Stairway door opening pressure - maximum 20 lbs pressure
- Fire lane access route with signage
- Report on firefighting water supply (if private hydrant)

- Firefighters elevator
 - Designation
 - Pressurization
 - Key and box

Certifications and test reports

- Required documents submitted