



TOWNSHIP OF SPRING

Department of Public Safety Fire Marshal's Office

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Fire Alarm Systems, Sprinkler Systems and Kitchen Hood Systems

1. **Fire Alarm Systems** (IFC 2018, NFPA 72, 10, 12, 12A, 13,13D, 13R, 17, 17A, 25, 204, 750, 2001, 2010)

All components to be inspected and tested at least annually. Sprinkler system components such as flow switches and tampers might require additional inspections and testing.

Systems in place shall be continuously monitored by a Monitoring Company.

Alerting devices shall be installed in all areas including bathrooms. Devices shall be horn/strobes that alert the hearing and vision impaired.

Fire Alarm Panel Door or area shall be marked.

Inspection tag shall be in place.

Alarm panel and pull station keys shall be located in the Knox Box.

Fire detection and alarm systems, emergency alarm systems, gas detection systems, fire extinguishing systems, mechanical smoke exhaust systems and smoke and heat vents shall be maintained in operating condition at all times, and shall be replaced or repaired where defective.

Where two or more fire protection or life safety systems are interconnected, the intended response of the subordinate fire protection and life safety systems shall be verified when required testing of the initiating system is conducted.

2. **Sprinkler Systems** (IFC 2018, NFPA 25, 13, 13D, 13R)

All exposed components inspected at least annually.

Quarterly inspections will be needed on the activation parts of the system to ensure it activates the system as designed.

All sprinkler heads shall be clear and clean of debris.

Fire Department Connection (FDC) sign shall be in place and legible.

Sprinkler Room door shall be marked.

Inspection tag shall be in place.

Entire system shall be inspected at least annually.

NFPA 25 has components requiring quarterly, annual, five and 20-year inspections. Additional testing, inspections and maintenance as listed in NFPA 25 shall be followed.

3. **Kitchen Hood Systems** (IFC 2018 Section 607, NFPA 96) (UL 300 Systems ONLY)
A balloon test should be done annually to ensure all piping is unobstructed and connected as designed for proper operation. All caps shall be in place on all nozzles. All vent filters shall be in place. The exhaust must be inspected to ensure proper flow of incoming and outgoing air.

The hood system shall be connected to the fire alarm and the gas and electric shut off assemblies shall work properly.

Manual pull stations shall not be obstructed in any way.

Inspection and Cleaning tags shall be in place.

Inspections: High volume cooking – every 3 months
Low volume cooking – every 12 months
Solid fuel cooking – every month
All other cooking – every 6 months

Cleaning: High volume cooking – every 3 months
Low volume cooking – every 12 months
Solid fuel cooking – every month
All other cooking – every 6 months

IF ANY SYSTEMS ARE OUT OF SERVICE, THE FIRE DEPARTMENT AND THE FIRE CODE OFFICIAL SHALL BE NOTIFIED IMMEDIATELY AND WHERE REQUIRED, BY THE FIRE CODE OFFICIAL, THE BUILDING MUST BE EVACUATED OR AN APPROVED FIRE WATCH SHALL BE PROVIDED FOR ALL OCCUPANTS LEFT UNPROTECTED. THIS SHALL REMAIN UNTIL THE SYSTEMS ARE BACK IN SERVICE AND NORMAL.

Fire Watch personnel shall be provided with at least one means of communications for notification of the fire department. This shall be a trained person and the sole duty for this person is to perform constant patrols and watch for the occurrence of fire.