

# **Rules and Regulations for Fire Protective Systems**

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## **Section 1: General**

- 1-1 The following rules and regulations shall govern the installation, modification and maintenance of all fire alarm and sprinkler/standpipe systems in the City of Newton
- 1-2 These rules and regulations should not be construed to be complete by only as a guide. All questions regarding fire protective systems shall be resolved with the authority having jurisdiction (AHJ) before proceeding with the installation.
- 1-3 The authority having jurisdiction (AHJ) for the purpose of this document, shall be the Chief of the Newton Fire Department, or his or her designee.
- 1-4 A fee for the connection of auxiliary systems to the municipal fire alarm system of the city of newton shall be established by the AHJ and approved by the board of alderman of the City of Newton.
- 1-5 RESERVED.
- 1-6 It shall be the responsibility of each licensed contractor to familiarize themselves with the current requirement of the Newton Fire Department.
- 1-7 The installation or modification of all approved fire protective systems shall begin within six (6) months of the issuance of a permit, plan approval or notification by the AHJ. All fire department approvals expire after six months of inactivity.
- 1-8 It is the owner's financial responsibility to insure proper fire department radio reception and transmission in his structure.
- 1-9 The Newton Fire Department (NFD) reserves the right to disconnect service to the master box at any time for non-compliance with fire system regulations or in case of system trouble which might endanger the proper operation of the city alarm system. The owner will be notified of any disconnections.
- 1-10 Complete information regarding the system, including specifications, wiring diagrams, and floor plans, shall be submitted to the Newton Fire Department for approval prior to the installation of the equipment or wiring. The approval process shall be a review and approval of the system by the Newton Fire Department. Such plans shall be stamped with the approval of the Newton Fire Department. The Newton Fire Department shall approve only one fire protective system design per building.
- 1-11 All central station equipment connections shall comply with NFPA 71 after AHJ approval.
- 1-12 All wiring and devices shall meet the requirements of the Massachusetts Electrical Code.
- 1-13 Prior to making the final inspection and before occupancy, a contract must be in evidence between the building owner and a fire alarm maintenance company approved by the Newton Fire Prevention & Code Enforcement Bureau. It is the responsibility of all future owners to supply the fire prevention & Code Enforcement Bureau with current testing and emergency service contract as required by code.
- 1-14 All installations and component parts thereto shall be approved by the Chief of the Newton Fire Department or his designee. With the exception of graphic annunciators all control panels, initiating and signaling devices shall be U.L. and/or F.M. listed devices. All equipment shall be new.

- 1-15 All permit requirements of 527 CMR 1 shall be adhered to and become part of this requirement.
- 1-16 The Chief of the Newton Fire Department reserves the right to amend, alter, delete, or add to these requirements at any time.

## **Section 2: Blueprints & Plan Review**

- 2-1 The Fire Prevention & Code Enforcement Bureau shall receive three (3) sets of professionally drawn and stamped blueprints prior to any building permits being issued by the Newton Inspectional Services Department.
- 2-2 All blueprints will have a complete and appropriated legend.
- 2-3 All blueprints will be drawn to scale with devices accurately located.
- 2-4 Blueprints are accepted and stamped "Subject to Final Approval" by the AHJ. The AHJ assumes no responsibility for items omitted on the blueprint by required by this document or any other applicable codes. "Final Approval" is given only after completion of all aspects of this agreement and is signified by the signing off on the fire department section of the building permit. Fees are listed in the Newton Fire Department approved fees schedule, appendix A, for site stamp, fire alarm systems stamp, graphic stamp, sprinkler/standpipe stamp, and fire department permits that are required as needed by the AHJ.
- 2-5 All blueprints will include a point to point diagram and a complete riser diagram.
- 2-6 On request, all pertinent information regarding the reliability and operation of the equipment to be installed shall be provided to the AGJ.
- 2-7 All devices on the blueprints will be sequentially number in order to simplify discussions and inspections.
- 2-8 Any and all deviations (additions, subtractions, alterations, or relocations) from the original set of blueprints must be submitted in writing to the AHJ prior to these deviations taking place.
- 2-9 Where more than one building is included in a grouping of buildings, any such building shall be provided with a fire protective system separate and independent of any system installed in another building unless otherwise approve by the AHJ. Multiuse occupancies shall have on system per structure connecting all occupancies.
- 2-10 Accompanying all blueprints will be a complete submittal. General requirements are as follows:
- 2-10.1 A riser diagram of the complete fire alarm system (typical riser diagrams are not acceptable).
- 2-10.2 A complete point to point installation diagram (typical diagrams are not acceptable).
- 2-10.3 Manufacturers original catalog data and descriptive information shall be supplied for all major components of the equipment to be supplied.
- 2-10.4 If any attempt is made to substitute the brand of equipment specified it shall be the contractor's obligation to submit the above data and information to allow the specifying engineer time to consider the equality of the substituted item(s) to that specified. It is the contractor's responsibility to meet the entire

intent of the specifications. Deviations from the specified item(s) shall be at the risk of the contractor until the date of final acceptance by the architect, engineer and owner's representative. Approved submittal on substitute equipment shall only allow the contractor to proceed with installing a substituted item(s) and shall not be considered equal until such time as the architect, engineer, the owner's representative, and the AHJ have completely accepted the substituted item(s). All cost for the removal, relocation, or replacement of substituted item(s) shall be at the risk of the contractor.

- 2-11 Plans submitted for approval (sprinkler, standpipe and fire alarm) must be accompanied by a side letter stating that plans and specifications meet all state building codes, all applicable NFPA standards, 527 CMR, Chapter 148 and Mass Electrical Code as well as Newton Fire Department requirements. Letter must be stamped by a professional engineer.
- 2-12 No installation or modification shall be permitted until a permit to install systems has been returned to the owner's representative from the AHJ. All revised plan(s) shall follow the above requirement.

### **Section 3: Direct Connection to the Newton Fire Department**

- 3-1 The Master Fire Alarm Box shall be of a type approved by the AHJ and will be the preferred method of choice for automatic connection to the NFD.
- 3-2 Master boxes shall be installed at a location determined by the AHJ.
- 3-3 Master boxes shall be installed in accordance with NFPA 1221.
- 3-4 All master boxes shall be local energy type. No shunt type boxes allowed.
- 3-5 All exterior master boxes shall have a red indicator lamp over the box illuminated by a PL-7 bulb (25 watt) and shall be powered from the FACP AC feed.
- 3-6 All exterior master boxes shall be covered during construction to prevent accidental use when not tied into municipal circuit, and remain covered until installation is approved by the AHJ.
- 3-7 Code wheel and timing information will be given to the installer after receipt of approval stamp and permit from the AHJ.
- 3-8 RESERVED
- 3-9 Absolutely no connections will be made to the municipal fire alarm circuits except by fire department alarm division personnel.
- 3-10 All work on the system side of the master box shall be the responsibility of the installer.
- 3-11 Used or reconditioned master boxes are not allowed. Only new master boxes accepted, on request, proof of newness must be presented to the AHJ.
- 3-12 All joints and connections shall be in junction boxes. All boxes shall be painted red.
- 3-13 RESERVED
- 3-14 Neither the City of Newton nor any of its agencies assumes any responsibility for the correct operation of internal fire alarm systems.

- 3-15 If a master box must be disconnected from the Newton fire alarm circuit and the owner cannot be notified, nor his agent, a detail firefighter will be hired at the owner's expense in accordance with their employee bargaining agreement, at the discretion of the AHJ.
- 3-16 Cable must be furnished from the master fire alarm box to a connection point in the municipal fire alarm system designated by the AHJ of the fire alarm division. The applicant must supply all necessary cable and hardware for such connection. The connection shall be installed by the Newton Fire Alarm & Communications Division.
- 3-16.1 Where an underground service is required, the owner will provide the conduit and cable from a manhole or pole riser to the fire alarm box. All underground work will be done by the electrical contractor hired by the owner.
- 3-16.2 All duct cable will be IMSA type approved by the superintendent of communications.
- 3-16.3 Conduit shall be a minimum of three (3) inch schedule 80 PVC.
- 3-16.4 RESERVED
- 3-16.5 The installer will provide the required lightning arrestor as specified by NFPA 72 series pamphlets and the AHJ.
- 3-16.6 Cable splice enclosures as needed will be supplied by the installer, the type(s) approved by the AHJ.
- 3-16.7 A list of material needed for any installation will be provided to the installer by the AHJ. Material will be delivered to the Newton Fire Alarm Division by installer and shall be clearly marked with job title.
- 3-17 Aerial connections shall be made a minimum of eighteen (18) feet from center of droop grade level. The installer will supply a suitable solid through bolt eye anchor on the building for the aerial connection with this in mind. Cable shall be ISMA 20-4, minimum 16 AWG two pair.
- 3-18 Cable entering buildings from underground may use existing duct work of the New England Telephone Company (NET) to enter the building at the AHJ discretion. Cable shall be ISMA, minimum AWG two Pair.
- 3-19 On all master box, central station, and local fire protective systems a flashing strobe light as approved by the AHJ must be provided to indicate that the system has been activated. Location to be determined by the AHJ.
- 3-20 An subdivision proposed in the city will be required to install fire alarm street boxes. The location of these boxes will be determined by the AHJ. All requirements stated in section 3-1 will apply.
- 3-21 Any building which has an interior fire alarm system shall have installed next to the entrance a "Knox box".
- 3-21.1 The knox box will be a size and stile approved by the AHJ. Excessive number of keys or "right to know documents" might require a Knox vault.

3-21.2 An application for a Knox Box has to be picked up and signed at the AHJ.

3-21.3 Various options are available at owner's option.

#### **Section 4: Fire Protective Systems Graphic Annunciator Requirements**

- 4-1 A remote graphic annunciator may be required on all buildings having more than four (4) zones or unusual design. AHJ will determine this requirement.
- 4-2 The graphic remote annunciator will be located in an approved location by the AHJ.
- 4-3 Annunciator panel detail plan and drawing shall be submitted to the AHJ for approval stamp before installation.
- 4-4 Annunciators shall be weatherproof and mounted outside the building adjacent to the master fire alarm.
- 4-5 AC power indication shall be by green LED, common trouble indication shall be by yellow LED and audible signal shall be provided.
- 4-6 Alarm indications shall be "backlit" incandescent. No LED's.
- 4-7 The annunciator color shall be predominantly red. All zone labeling shall be in plain English indicating the location of the alarm. Zone numbers will not be allowed on the annunciator. Units located on the outside of the building shall be backlit type with sufficient brilliance to be seen in normal direct sun. NO LED lamps are allowed. Acceptable annunciator labeling will include: backlit painted window letters or engraved plastic white on red. NOTE: "Dymo" or similar labels will not be allowed.
- 4-8 Remote annunciators shall contain a visible and audible system trouble indicators, the trouble silence control shall be at the fire alarm control panel ONLY.
- 4-9 The building graphic shall show the building in phase with the viewer and shall indicate in red to the viewer "You Are Here".
- 4-10 Building outlines shall be "triple thick" black. Within the building rooms, corridors, etc. shall be shown "double thick". Other lines of lesser significance such as door swings and windows shall be shown "single thickness". Extraneous building details shall be eliminated to provide a clear and concise plan of the building layout depicting only relevant details.
- 4-11 Graphics having significant detail should have stairways highlighted or shaded in blue and elevators in yellow to bring attention to these areas. All main corridors and points of egress shall also be clearly indicated.
- 4-12 All fire alarm and fire department control devices and locations shall be shown with red symbols and identification.
- 4-13 Zone boundaries shall be shown using a red dashed line when applicable.
- 4-14 Permanent "Hazardous Materials Storage" locations should be so noted in red.

- 4-15 Master box alarm indication shall be shown with a red LED. A micro switch shall be provided at the master box to allow reset of system when master box is located inside of structure only upon AHJ approval.
- 4-16 The graphic annunciator shall show location of zones, zones by floors, sprinkler zones, sprinkler risers fire suppression systems, master box, fire alarm control panel, fan override switches, domestic water service, hazardous material cabinet, gas shutoffs, electric disconnects and any other items deemed appropriate by the AHJ.

**Section 5: Interior Fire Alarm Systems Design and Layouts**

- 5-1 All equipment used shall be a type approved by the AHJ.
- 5-2 All systems shall be direct current (DC), 24 volts, fully supervised, battery standby fire alarm systems.
- 5-3 A separate alternating current circuit will be provided for the fire alarm system with breaker lock and identified as red.
- 5-4 RESERVED
- 5-5 The calculation used to determine battery capacity shall be presented to the AHJ at the time of plan review. This will show each device and the power consumed by such devices.
- 5-6 RESERVED
- 5-7 All fire alarm control panels shall be predominately red in color and have a white label with the words “Fire Alarm Control Panel” on the front of the panel with a minimum of four (4) inch letter size. NO other functions shall be allowed in the panel (e.g. security system). Emergency lighting sufficient for a minimum of ninety (90) minutes shall be provided to light the main control cabinet area. If the FACP is located in a separate or concealed space, a sign shall be provided on the door to the space. The sign shall be “red” with “white” lettering at least four (4) inches high and shall read “Fire Alarm System”.
- 5-8 Upon activation of alarm devices, the fire alarm control panel (FACP) shall sound the evacuation signals, flash the evacuation, lights, indicate the zone of activation, trip the master box or send a signal to the approved central station, and operate any special devices such as automatic door closer, outside strobes, elevator recall, etc.
- 5-9 RESERVED
- 5-10 RESERVED
- 5-11 RESERVED

- 5-12 Detection devices located in concealed areas shall have remote indicators or their location will be permanently marked in a manner acceptable to the AHJ.
- 5-13 All fire alarm control panels shall be capable of isolating the device/zone in alarm and restoring the remaining devices/zones in the system.
- 5-14 RESERVED
- 5-15 All systems shall be class “A” Functioning
- 5-15.1 All wiring shall be in accordance with the Massachusetts Electrical Code, National Fire Protection Association series and all state and local codes.
- 5-15.2 All wiring to devices shall be supervised so that an open/ground fault shall activate system trouble signal.
- 5-16 RESERVED
- 5-17 RESERVED
- 5-18 RESERVED
- 5-19 RESERVED
- 5-20 RESERVED
- 5-21 RESERVED
- 5-22 All conductors shall be minimum sixteen (16) gauge solid copper type THHN/THWN and shall be rated a minimum of ninety (90) degrees centigrade.
- 5-22.1 An equipment bonding conductor shall be provided in all flexible metallic raceways.
- 5-23 No heat, smoke, sprinkler, or other fire detection/suppression system zone shall cover more than one (1) floor or exceed more than twenty thousand (20,000) square feet, or be more than three hundred (300) feet in any one direction.
- 5-23.1 The AHJ may, at his discretion, wave the limits set for the in 5-23 such as when an addressable/multiplex system is used.



- 5-24 All exterior exit-ways and each exit from each floor shall have a pull station within five (5) feet of the exit-way in the line of most likely traffic use.
- 5-25 All pull stations and horn/light units shall be predominately red and be labeled "Fire".
- 5-26 Supervised city disconnect switches are allowed on FACP only with approval of AHJ.
- 5-27 All places of assembly and all structures housing 24 or more living units shall require a voice fire alarm system with slow whoop evacuation signal and must have a supervised microphone public address system. Any exceptions must be approved by the AHJ.
- 5-28 Structures having multiple-tenant outside access shall be zoned by tenant space. (Strip malls shall be zoned by address of each store.)
- 5-29 Pull stations not connected to a master box or central station shall have a sign with half (½") inch lettering, white letters on red engraved plastic saying "Local Alarm Only" call 911.
- 5-30 All elevators shall be connected to the fire alarm system. All elevator lobbies, at each level, and the elevator equipment room shall have a smoke detector with connections to the elevator control system. Smoke detector activation in an elevator lobby shall prevent the elevator from stopping and/or opening at that lobby. The system shall be wired so that in the event of activation of two (2) lobby smoke detectors the elevator shall open at a designated level. Elevator re-call systems shall re-set with the re-setting of the elevator by the firefighters key control panel. All smoke detectors shall be connected to the appropriate zone of the building fire alarm system.
- 5-31 All elevators shall have a firefighter's control key #3502. All emergency telephones located in an elevator shall have a permanent sign indicating the building address and elevator's location.
- 5-32 All elevator shafts shall have a detector at the top, which would be annunciated by an LED at the top floor elevator lobby, tied into that zone.
- 5-33 Beam type smoke detectors shall be used in atriums and are permitted in other open areas such as ballrooms, corridors, and exhibit areas.
- 5-34 All stove/fryalator hood extinguishing systems shall have their own dedicated zone to the FACP and shall activate the alarm system and disconnect the fuel supply to the stove/fryalator if discharged.
- 5-34.1 When a stove/fryalator hood extinguishing system is installed in a unit under section 5-28, the hood will be tied into the tenant space zone.

5-35 All alarm activations will remain in alarm mode until silenced by FIRE DEPARTMENT PERSONNEL ONLY – NO EXCEPTIONS!!!

## **Section 6: Sprinkler and Standpipe Systems**

6-1 RESERVE

6-2 All sprinkler systems shall have a direct fire alarm connection by master box to the Newton Fire Department or in certain locations approved central station.

6-3 RESERVE

6-4 All vane flow switches shall have a zero (0) to sixty (60) second retard devices and will be set for forty-five (45) seconds.

6-5 Tamper switches are required on all sprinkler shut-off devices and shall be wired to a stand-alone fire zone which does alarm the FACP and gives an audible and red LED indication of alarm.

6-6 Each floor of a building will be zoned separately with an approved inspectors test on each zone.

6-6.1 Different occupancies per floor may be zoned separately at the AHJ discretion.

6-6.2 All inspectors test must meet NFPA 13 approval methods and also AHJ's approval for location.

6-7 All sprinkler inspections shall conform to NFPA 13.

6-8 All devices shall be U.L. listed or F.M. approved for the function they are designed to perform.

6-9 RESERVE

6-10 All valves in the sprinkler system shall have permanent tags indicating their purpose.

6-11 In addition to the sprinkler/standpipe risers flow switches, flow switches shall be installed on each zone.

6-12 RESERVE

6-13 All buildings with a sprinkler or standpipe system MUST have a fire alarm system.

6-14 All sprinkler/standpipe systems must have a fire department connection with a minimum of two 2 ½ inch connections. Connections must be a minimum of 36 inches from all obstructions.

6-15 RESERVE

- 6-16 Wet or dry sprinkler systems shall be provided with:
- 6-16.1 Excess pressure pump as per UL listing VJCR
  - 6-16.2 Mechanical water motor gong.
  - 6-16.3 Supervised shut-offs of all water supply.
  - 6-16.4 Supervising circuits must be independent of alarm circuits and have audible device in a common area.
- 6-17 All installations shall be in accordance with NFPA 13 series and all applicable state and local codes.
- 6-18 A set of hydraulic calculations and floor plans must be submitted to the Newton Fire Department prior to the installation of a sprinkler or standpipe system.
- 6-19 All prints shall have name and license number of approved sprinkler installer.
- 6-20 If fire suppression control valves are located in a separate room or concealed space, a sign shall be provided on the entrance door or near concealed space.
- 6-20.1 Lettering for such sign shall be red and at least four (4") inches in height and shall read "Sprinkler Control Valve" or "Standpipe Control Valve".
- 6-21 RESERVE
- 6-22 RESERVE
- 6-23 All hose outlets must have a 2 ½" by 1 ½" reducer cap with chain.
- 6-24 RESERVE
- 6-25 All fire pumps must be installed to a minimum of NFPA 20.

### **Section 7: Approved Contractors; Identifying Signature**

- 7-1 All companies must apply for and receive an identifying signature for the approval of the company, prior to any maintenance agreements, to maintain systems in the city of Newton from the AHJ.
- 7-2 A member of the applying company must possess a "certificate A or C" license as per Massachusetts General Law chapter 141 and 725.

- 7-3 All company employees must have an individual “identifying signature” issued by the Newton Fire department in accordance with section 7-7.
- 7-4 All companies will maintain a current up to date list of all employees and their “identifying signatures” and forward a copy of this list to the Newton Fire Department. All additions and deletions will be reported to the Newton Fire Department immediately.
- 7-5 All companies will maintain an answering service, not an answering machine, 24 hours a day. This number must be current and be on record at the Newton Fire Department for all responses to all property maintained by the company.
- 7-6 All companies will purchase the necessary equipment to service and maintain the protected property according to all current codes and requirements and appendix C.
- 7-7 The following are requirements necessary for certification by the Newton Fire Department for “identifying signature” for those who engage in the business of installing, maintaining or testing alarm systems within the City of Newton.
- 7-7.1 An individual must be a holder of “Certificate D” or greater license issued by the state examiners of electricians as set forth in chapter 141, section 3 of the general laws of The Commonwealth of Massachusetts.
- 7-7.2 Must be presently employed by an alarm service company approved by the Newton Fire Department prior to performing work on any systems.
- 7-7.3 Demonstrate a complete knowledge of procedures required by the Newton Fire Department for the maintenance and testing of Auxiliarized fire alarm systems, to be determined in an interview by the superintendent of the Fire Alarm Division or his designated representative.
- 7-8 The procedure for resetting and rendering auxiliarized systems in/out of service are contained in appendix C of this document.
- 7-9 All approved companies and individuals are subject to re-evaluation with the Newton Fire Department if in the opinion of the superintendent of the Fire Alarm Division, or his representative, a procedural problem exists and is not corrected by either the company or the individual.
- 7-10 Any violations of this section will result in loss of “identifying signature” with the Newton Fire Department and possible criminal action under Massachusetts General Laws chapter 268.

## **Section 8: Inspections and Maintenance**

- 8-1 Before the Fire Prevention and Code Enforcement Bureau along with the Fire Alarm Division perform a final inspection of a building fire alarm system the following list of items must be in the fire Prevention and Code Enforcement Division's possession:
- 8-1.1 Approved set of blueprints as stated in section 2, stamped by the AGJ and being the most current.
  - 8-1.2 The complete submittal as outlined in section 2 and required NFD plan review forms.
  - 8-1.3 A side letter stating that plans and specifications meet the state building code, all applicable NFPA standards, 527 CMR, MGL chapter 148, and Massachusetts Electrical code, as well as all Newton Fire Department regulations. Both plans and a side letter are to be stamped by a professional engineer.
  - 8-1.4 Documentation that all fees have been paid.
  - 8-1.5 RESERVE
  - 8-1.6 A copy of a valid contract between the building owners and an approved alarm company stating that the alarm company has been retained for a minimum period of one year from the test date and will be responsible for maintaining the systems and periodic inspections as set forth in this section. This letter will state the names of both the owners of the building and the alarm company. The alarm company will furnish the emergency 24 hours phone number for contact in case of system trouble and/or activation. Remember that the city of Newton has a maximum two (2) hour response time for all responses by all alarm companies.
  - 8-1.7 RESERVE
- 8-2 The installer will be charged for the final inspection. IF the building fails then another final inspection will be scheduled with corresponding fee. Fees are listed in AHJ approved fees schedule.
- 8-3 The approved maintenance contractor shall notify the fire prevention and code enforcement bureau that they are ready for a final inspection and have met all the criteria in section 8-1. An inspection will be set up upon completion of all required forms and their return to the Fire Prevention and Code Enforcement Division, but at no time shall the installer expect the inspection within seventy-two (72) hours excluding weekends and holidays from the time of notification.

- 8-4 The installer should allow enough time for complete testing of all devices for both function and supervision.
- 8-4.1 It will be the installer's responsibility to supply sufficient personnel to perform all aspect of the test.
- 8-4.2 RESERVE
- 8-4.3 RESERVE
- 8-4.4 RESERVE
- 8-4.5 The fire protective system must be tested as a complete system. If any part of the system fails, the installer may be, at the sole discretion of the AHJ, required to arrange for another complete test.
- 8-5 The Knox box will be in place and all keys and tools needed to access and reset interior systems turned over to the fire prevention and code enforcement bureau for placement in the Knox box. The installer shall have notified the owner of the need for the AHJ to have keys to all parts of the building where any component of the system is located.
- 8-6 All sprinkler and standpipe zones shall be tested in the system.
- 8-7 All fire pumps shall be tested in accordance with NFPA 20 to insure that neither the pump nor the suction supply is obstructed.
- 8-8 If the owner, for his convenience, wants a test after working hours, he shall have the approved alarm company send a written request to the Fire Prevention and Code Enforcement Bureau specifying time, date, location, and indicating reasons why he does not want test during regular working hours. The owner will bear the extra cost involved at the overtime rate at the discretion of the AHJ.
- 8-9 Upon acceptance of the fire protective system by the AHJ, the owner of the building where the system is installed shall maintain the system in one hundred (100%) percent operating condition at all times.
- 8-10 The owner of the building where the system is installed shall provide evidence to the AHJ that there is a maintenance contract in force for the fire protective system with an alarm contractor approved by the Newton Fire Prevention and Code Enforcement Bureau. The alarm contractor will provide code mandated testing of the system and submit the results on approved form of the AHJ to the AHJ.

- 8-11 All systems with master boxes or central station shall be tested at least once every three (3) months with one quarter (1/4) of all manual stations, thermos-detectors, and smoke detectors operated with each test. A different twenty-five (25%) percent of the above mentioned devices will be operated at each inspection so that the entire system will have been tested at the end of each year.
- 8-12 All local systems shall be tested one hundred (100%) percent annually.
- 8-13 Any existing unaltered fire protective system installed in accordance with any previous codes or regulations shall be maintained in accordance with section 8 and section 3-21 of this regulation.
- 8-14 RESERVE
- 8-15 RESERVE
- 8-16 All sprinkler systems shall be tested quarterly, the test for a sprinkler zone shall be the same as in section 8-6.
- 8-17 In each test period the master box or central station shall be transmitted to the fire alarm office once. The operation of the master box or central station shall be caused by the operations of the master ox or central station shall be caused by the operation of some alarm initiating device to the system.
- 8-18 All building control, control functions, such as smoke dampers, elevator recall, etc., shall be tested at least once in a twelve (12) month period.
- 8-19 RESERVE
- 8-20 Automatic antifreeze solution and limited area systems that are supplied from a domestic water source and which are not required to provide a test line shall be exempt from the requirements of this section.
- 8-21 When a system is to be removed from service for repair or testing, the fire alarm office shall be notified according to appendix C protocol. Only the approved fire alarm contractor for that building is allowed to disconnect the system. The approved fire alarm contractor shall follow all guidelines established by the AHJ for reconnections. NO portion of a system is to remain out of the service overnight without written approval of the AHJ.
- 8-22 When a system is to be restored to service the fire alarm office shall be notified according to appendix C protocol. Only the approved fire alarm contractor is allowed to restore the system following the guidelines established by the AHJ for reconnections. No portion of a system is to remain out of service overnight without written approval of the AHJ.

- 8-23 Restoring of a fire protective system in the City of Newton, from an alarm condition to a normal condition, shall be completed within two (2) hours of an alarm activation. The approved fire alarm contractor is responsible for this action as stated in section 8-1.
- 8-24 The fire dispatch will notify the approved fire alarm contractor for reset of the system due to activation. This shall in no way release the owner of occupant from their responsibility of also notifying the approved contractor in the case of activation of the system. Response time will be judged from the time of notification to the time system is restored. Violation of this section falls under section 9-9.
- 8-25 All solid state master boxes must be approved by the AHJ.
- 8-26 Solid state master boxes shall only be used at site locations approved by the AHJ.
- 8-27 All installations utilizing a solid state master box shall have a supervised disconnecting means which is an integral listed part of the fire alarm control panel.
- 8-28 All solid state master boxes may be located inside of the structure that they protect after the approval of the AHJ.
- 8-29 A working telephone shall be in a cabinet equipped with the newton fire department lock and key. The cabinet shall be marked "telephone cabinet". This cabinet shall be located next to the FACP when a solid state box is used.
- 8-30 All solid state master boxes will be shipped direct to the AHJ for programming and assignment of numbers. The external casing will be released to the installing contractor for proper mounting and wiring.
- 8-31 A minimum of two (2) representatives of the alarm service company shall be present with radios, and a calibrated sound level meter to perform the acceptance test. At least one (1) of the representatives shall have an "identifying signature" from the AHJ and have been directly involved with the installation and/or completely familiar with the system.
- 8-32 All parties involved with the layout, installation and maintenance of the fire alarm system should be aware that the inspectors are allowed to make judgments within a specific range of authority to accommodate construction problems on a case by case basis.
- 8-33 Upon acceptance of the system by the fire department a certificate to maintain a fire alarm system shall be issued. This permit shall be displayed at the fire alarm control panel.



- 8-34 All prescribed maintenance procedures and periodic tests required for fire alarm systems shall be performed only by persons with assigned “identifying signature” and on record with the Newton Fire Department as being presently employed by the authorized alarm service company under contractual agreement for that purpose.
- 8-35 The superintendent of fire alarm shall be notified immediately by the service company regarding any change in status of employees with “identifying signatures”.
- 8-36 The Fire Prevention and Code Enforcement Office shall be notified at least thirty (30) days prior to a cancellation of a maintenance agreement for a master box or central station connected system. Such notice shall be in writing stating the date and time such cancellation is to take effect. In the event that the service company, due to unforeseen emergency conditions, cannot comply with the thirty (30) day notice provision, notice of cancellation shall be by telephone to the Fire Prevention and Code Enforcement Division followed by a letter to the Fire Prevention and Code Enforcement Division. It shall be the responsibility of the authorized alarm service companies involved to notify the Fire Prevention and Code Enforcement Division regarding cancellations and/or procurement of contractual agreements relating to fire alarm service.

## **Section 9: Enforcement**

- 9-1 City of Newton Ordinances, are hereby amended by adding the following ordinance to be entitled Article III, “Fire Protective Systems”, Installation and Regulation.
- 9-2 Definitions”
- A) Newton Fire Department hereinafter referred to as NFD as used throughout.
  - B) “Central Station Operating System”; a fire alarm system equipped to signal an alarm to an Underwriter’s Laboratory (UL) approved independent alarm company which, in turn, transmits the location of the alarm to the Newton Fire Department.
  - C) “Fire Alarm System”; any manual or heat-activated, smoke-activated, flame-energy activated or other such automatic device capable of transmitting a fire alarm signal to a UL approved central station operating company, directly to the NFD by way of a master box or just a local to the protected property. A fire alarm system shall not include a residential smoke detector as defined in section 10-11 of the revised ordinances, as amended.
  - D) “Fire Alarm System Malfunction”; the transmittal of a fire alarm signal to a UL approved central station operating company, directly to the NFD by way of a master box or just local to the protected property when there is no actual fire or other emergency and which results in a response from the

fire department. A fire alarm system malfunction shall include an alarm signal which is caused as a result of a mechanical defect in the operation of the fire alarm system or as a result of the failure of the owner or its agents, including, but not limited to, a person hired by the owner to maintain the fire protective system, to notify the fire department of repair, maintenance, testing or other work being performed on the alarm system.

- E) “Owner”; every person who alone or severally with others (a) has legal title to real estate, or a structure or premises on which a fire protective system is installed or on which a fire protective system is installed or on which such a system is required to be installed as determined by the fire department; and, or, (b) has care, charge, or control of any such premises in any capacity including, but no limited to, a tenant, lessee, occupant, agent, executor, executrix, administrator, administratrix, trustee or guardian of the estate of the holder of legal title; or (c) mortgagee in possession of any such premises’ or (d) agent, trustee or other person by the courts for any such premises; or any officer or trustee of the association of unit owners of a condominium. Each such person is bound to comply with the provision of this ordinance.
- F) “Fire Chief”; the chief of the NFD or any designated representative of the Chief.
- G) “Master Box Owner”; an individual or entity who has on his business or residential premises a fire alarm system equipped to send a fire alarm signal to the NFD by way of a master box.
- H) “Other Definitions”; all other definitions of Article III, Fire Protective Systems; Installation and Regulation, Chapter 10 of the revised ordinances as amended shall be included in this regulation.

9-3 Every master box owner whose fire alarm system on the effective date of this ordinance is connected to the NFD by way of a master box shall pay the annual fee established by the AHJ approved fee schedule, except houses of worship.

9-4 Every master box owner whose fire alarm system is connected after the effective date of this ordinance to the NFD by way of a master box shall pay the tie-in fee established by the AHJ which is in the approved fee schedule.

9-5 All central station operating systems must use the assigned dedicated telephone lines to the NFD.

9-6 Every central station operating system who uses the assigned dedicated telephone lines to the NFD, on the effective date of this ordinance, shall pay an annual fee established by the AHJ which is in the approved fee schedule.

9-7 Every central station operating system who uses the assigned dedicated telephone lines to the NFD after the effective date of this ordinance, shall pay a tie-in fee established by the AHJ which is in the approved fee schedule.

- 9-8 At the passage of this ordinance all fire protective systems shall comply with the conditions of Section 1, General; Section 8, Inspections and Maintenance; and Section 9, Enforcement within sixty (60) days after the NFD has sent notice by first class mail of the requirements of this section.
- 9-9 If a “Fire Alarm Systems Owner” fails to comply with section 9-8, the NFD may assess a fine of fifty dollars (\$50) for each day of non-compliance.
- 9-10 Every “Fire Alarm Systems Owner” shall be responsible for updating the information herein required to be provided to the NFD. If the “Fire Alarms Systems Owner” fails to comply with this section the NFD may assess a fine of fifty dollars (\$50).
- 9-11 All violations of this requirement are subject to the fine structure in the City of Newton Ordinances Chapter 10, Article III, Fire Protective Systems; Installation and Regulation.
- 9-12 All fire alarm system malfunctions are subject to the fine structure in Newton City ordinances stated in 9-11.
- 9-13 Any false fire alarm which is the result of the failure of the property owner, occupant or their agents to notify the NFD of repair, maintenance or testing of the internal fire alarm system within the protected premises, shall cause a penalty to be assessed in accordance with Section 9-12.
- 9-14 For the purposes of this ordinance, a fire alarm system malfunctions shall be defined as follows but not limited to:
- 9-14.1 Operation of a faulty smoke or heat detection device
  - 9-14.2 Faulty control panel or associated equipment
  - 9-14.3 Water pressure surge in automatic sprinkler system
  - 9-14.5 An action by an employee of the owner or occupant of the premises or a contractor employed by the owner or occupant, causing activation of an internal fire alarm system with no fire.
- 9-15 A burn-in period of thirty (30) days from all final inspections will be granted during which time fines will be assessed only if alarms are result of negligence.
- 9-16 An owner will not be assessed a fine for a maliciously induced alarm, if a criminal complaint shall be brought against the initiator of the alarm.

- 9-17 The fire Chief may promulgate such regulations as may be necessary to implement this ordinance. The Fire Chief is authorized to pursue such legal action as may be necessary to enforce this ordinance.
- 9-18 The provisions of this ordinance shall be deemed to be severable, and if any of its provisions shall be held unconstitutional by any court of competent jurisdiction, the decision of such court shall not affect or impair any of the remaining provision.

## Appendix A – Approved Fee Schedule

Smoke Detector Inspection	MGL c148s26F	\$50
Install/Remove UST	MGL c148s38A	\$100
Install/Remove UST (gas)	MGL c148s38A	\$200
Blasting Permit	MGL c148s9/10	\$10
Install Oil Burning Equip.	MGL c148s10A	\$25
Supervised Display Fireworks	MGL c148s9	\$25
Storage of LP Gas	MGL c148s10	\$10
Storage Flammable Fluid/Gas/Solid	MGL c148s10A	\$10
Storage Smokeless Powder	MGL c148s10A	\$10
Reissue Permits	MGL c148s10A	\$10
Welding/Cutting	MGL c148s9/10	\$10
Christmas Tree Sale Permit	MGL c148s10A	\$10
Tar Kettle Permit	MGL c148s23	\$10
Copy of Fire Report	MGL c66s10	\$5
Tand Truck Inspections	MGL c148s15	*\$200
Oil Burner Inspections	527 CMR 4	\$25
Foul Weather Pumping 1st Time	Local Ordinance	\$0
Foul Weather Pumping 2nd/or more	Local Ordinance	\$50
Nursing Homes Under 25 Beds	MGL c148s4	\$50
Nursing Homes 25 Beds or More	MGL c148s4	\$100
Kindergarten	MGL c148s28	\$10
Schools/Dormitories/Clinics	MGL c148s28	\$25
Lodging/Rooming Houses	MGL c148s28	\$50
Inns Less Than 100 Rooms	MGL c148s28	\$0
Inns 100 Rooms or More	MGL c148s29	\$100
Junk Yards	MGL 148s27A	\$100
Lumber Yards	527 CMR 17	\$100
Theater Inspections	MGL c148s28A	\$50
Commercial Garages/Gas Stations	527 CMR 5	\$100
Certificate 6-25 Units Fire Alarm	MGL c148s4,5	**
Certificate More than 25 Units Fire Alarm	MGL c148s4,6	***
Review Plans Stamps and Permits	780 CMR	****
Site Visit Fire Protection	Local Ordinance	\$25
Initial Central Station Tie-in	Local Ordinance	\$200
Initial Master Box Tie-in	Local Ordinance	\$500
Annual Central Station Fee	Local Ordinance	\$100
Annual Master Box Fee	Local Ordinance	\$300
Public Gathering Places	MGL c148s4,5	\$25.00
Ammunition Storage Permit	MGL c148s9	\$0
Fuel Oil Storage	MGL c148s23	\$10
Point Spray Booths	MGL c148s24	\$50
Shut Down Fire Protective System	527 CMR 1	\$10
Common Victualler Annual Inspection	Local Ordinance	\$100
Certificate of Occupancy Inspection	Local Ordinance	\$100

\* = \$200 fee for 2 year period

\*\* = \$10 per unit

\*\*\* = \$250 plus \$5 per unit

\*\*\*\* = \$50 per stamp under 100,00 sq ft

= \$100 per stamp over 100,00 sq ft

## Appendix B – Reference Standards

The following is a list of reference standards that shall be used in system design, operation and maintenance. The reference standards used shall be the latest edition of the standard unless modified by the State Building Code. NFPA is the Nation Fire Protection Association.

- NFPA 13 - <http://www.nfpa.org/codes-and-standards/document-information-pages?mode=code&code=13>
- NFPA 13a
- NFPA 20 - <http://www.nfpa.org/codes-and-standards/document-information-pages?mode=code&code=20>
- NFPA 71
- NFPA 72 - <http://www.nfpa.org/codes-and-standards/document-information-pages?mode=code&code=72>
- NFPA 73 - <http://www.nfpa.org/codes-and-standards/document-information-pages?mode=code&code=73>
- NFPA 74
- NFPA 90a - <http://www.nfpa.org/codes-and-standards/document-information-pages?mode=code&code=90A>
- NFPA 92a - <http://www.nfpa.org/codes-and-standards/document-information-pages?mode=code&code=92A>
- NFPA 101 - <http://www.nfpa.org/codes-and-standards/document-information-pages?mode=code&code=101>
- NFPA 1221 - <http://www.nfpa.org/codes-and-standards/document-information-pages?mode=code&code=1221>
- 780 CMR – State Building Code - <http://www.mass.gov/eopss/consumer-prot-and-bus-lic/license-type/mgl/780-cmr.html>
- 527 CMR – Fire Prevention Code - <http://www.mass.gov/eopss/agencies/dfs/dfs2/osfm/fire-prev/527-cmr-index.html>
- MGL Chapter 148 – Fire Prevention - <https://malegislature.gov/Laws/GeneralLaws/PartI/TitleXX/Chapter148>
- Massachusetts Electric Code

## **Appendix C – Procedure for Testing and Resetting Auxiliarized Boxes**

Immediately prior to testing and/or resetting the master box:

1. Call fire dispatch operations by the use of Nynex telephone line number 617-552-7271
2. Give answering operator your fire department “identifying signature” and state box number you are about to test and/or reset.
3. All central station alarms should also use the 617-553-7271 number.
4. Perform necessary functions such as change out faulty smoke, reset FACP, reset sprinkler valve, etc.
5. Repeat step one (call fire alarm)
6. Go immediately to the master box (this will have to be within 2 minutes of telephone call), then trip the box.
7. Please make sure that you have provisions for a live telephone that is readily accessible to each fire alarm control panel.
8. If there should be any question regarding the test, the fire alarm operator will immediately contact your company and request that you call the operations center.
9. Boxes must be reset within two (2) hours of receipt of an alarm.

## Appendix D: Article III, Fire Protective Systems Installation and Regulation

In Board of Aldermen

November 2, 1992

Ordinance No. T-248

Be it ordained by the board of Alderman of the City of Newton as follows:

Add the following article to Chapter 10 of the Revised Ordinances as amended:

### **Article III, Fire Protective Systems; Installation and Regulation**

**Section 10-41 Definitions:** The following terms shall be defined as follows for the purpose of this article.

**Annunciator:** A visual display unit mounted on the inside or outside of a building structure which provides information to the location of the source of a fire protective system activation within the building or structure.

**Central Station Operating System:** A fire alarm system equipped to signal an alarm to an underwriter's laboratory (UL) approved independent alarm company which, in turn, transmits the location of the alarm to the Newton Fire Department.

**False Alarm:** An act or omission which causes a fire alarm signal to sound when there is no actual fire or other emergency and which results in a response from the fire department. A false alarm shall include an alarm resulting from a fire alarm system malfunction as further defined herein.

**Fire Alarm System:** Any manual or heat-activated, smoke-activated, flam-energy-activated or other such automatic device capable of transmitting a fire alarm signal directly to the fire department, to a UL approved central station operating company, or capable of sounding a local alarm. A fire alarm system shall not include a residential smoke detector as defined in Section 10-11 of the revised ordinances, as amended.

**Fire Alarm System Malfunction:** The transmittal of a fire alarm signal, whether directly to the fire department, to a UL approved central station operating company, or the sounding of a local alarms, when there is no actual fire or other emergency and which results I a response from the fire department. A fire alarm systems malfunction shall include an alarm signal which is caused as a result of a mechanical defect in the operation of the fire alarm system or as a result of the failure of the owner or its agents, including, but not limited to, a person hired by the owner to maintain the fire protective systems, to notify the fire department of repair, maintenance, testing or other work being performed on the alarm system.

**Fire Chief:** The fire chief of the City of Newton or any designated representative of the Chief.

**Fire Department:** The fire department of the City of Newton.

**Fire Protective System:** A fire alarm system and/or fire suppression system designed to protect a building from destruction by fire, used herein to refer to both Types of systems and to requirements that apply to both fire alarm and fire suppression systems.

**Fire Suppression Systems:** Water sprinkler, chemical foam dispenser, or other similar device or system designed to suppress fire or prevent the spread of fire throughout a building or structure.



**Key Box:** A box approved by the fire chief containing keys necessary for gaining emergency access by the fire department to or within a secured building or structure.

**Master Box:** A fire alarm signal box approved by the fire chief which is connected to the fire department by means of a municipal wire systems dedicated to transmitting alarm signals directly to the fire department.

**Municipal Alarm System:** A system of wires connecting fire alarm signal boxes throughout the city to the fire station.

**National Fire Prevention Association Standards (NFPA Standards):** Fire prevention standards prepared by the National Fire Prevention Association, now located at Batterymarch Park, Quincy, Massachusetts, designated herein as NFPA Standards.

**Owner:** Every person who alone or severally with others (a) has legal title to real estate, or a structure or premises on which a fire protective system is installed or on which such a system is required to be installed as determined by the fire department; and, or, (b) has care, charge, or control of any such premises in any capacity including, but not limited to a tenant, lessee, occupant, agent, executor, executrix, administrator, administratrix, trustee or guardian of the estate of the holder of legal title; or (c) mortgagee in possession of any such premises; or (d) agent, trustee or other person appointed by the courts for any such premises; or (e) any officer or trustee of the association of unit owners of a condominium. Each person is bound to comply with the provisions of this ordinance.

Person: Any natural person, corporation, including for profit, non-profit, educational non-profit, or any other form of corporation, partnership an any other entity of whatsoever name and description.

### **Section 10-42 Fire Protective and Alarm Systems in General**

Every owner as defined in this article shall be responsible for providing fire protective systems in and on its premises as required by the fire chief in accordance with MGL c. 148, the state building code, fire prevention code and applicable NFPA standards. Each such fire protective system shall be installed and maintained in accordance with rules and regulations promulgated by the fire chief pursuant to said c. 148, which rules and regulations may be revised from time to time. A copy of said rules and regulations governing fire protective systems shall be available from the fire prevention bureau.

### **Section 10-43 Installation, Removal, Permit Required**

(a) **Permit:** Each owner shall obtain a permit from the fire chief prior to beginning the installation of a fire protective system. Each application for said permit shall include the following information:

- (1) Blueprints prepared in accordance with fire department regulations which shall indicate the location of said fire protective systems and which must be stamped “approved” by the fire chief.

(2) Receipts indicating that all applicable permit fees have been paid.

(3) All other information required pursuant to fire department regulations.

(b) **System Design:** Each fire protective system shall be designed in accordance with the rules and regulations of the fire department. Pursuant to said rules and regulations, the fire chief may require that fire protective system contain certain features, including but not limited to the following:

(1) A key box which shall be required when access to or within a building or structure is restricted due to the secured opening or by design or where immediate access is necessary for lifesaving or firefighting purposes. The key box shall contain keys necessary, as determined by the fire chief, for gaining emergency access by the fire department to the building or structure or area within a building or structure.

(2) Annunciators as defined herein which shall meet the requirements contained in fire department regulations.

(c) **Installation:** Upon obtaining an installation permit pursuant to paragraph (a) of this section, the owner shall proceed to install said fire protective system and shall complete such installation in accordance with the approved plan and the schedule for installation specified therein, which schedule shall include a completion date. Any changes, alterations, or deviations from the approved plan including but not limited to a change to a later completion date, must be approved in writing by the fire chief prior to making such change, alteration, or deviation. Written approval by the fire chief of a change to a later completion date shall constitute an extension until the date stated in such approval. Failure of an owner to undertake or to complete installation of a fire protective system by the date specified in the plan or extension as defined in this section shall constitute a violation of this ordinance.

(d) **Final Approval and Inspection:** The owner shall obtain the final approval of the fire chief of each fire protective systems. Final approval by the fire chief shall be subject to the satisfactory performance, as determined by the fire chief, of each of the following tasks by the owner:

(1) **Certification of Compliance:** Prior to or no later than the date of the final inspection, the owner shall submit a side letter prepared by a licensed installer certifying that said fire protective system complies with fire department regulations: MGL c. 148, the state building and fire prevention codes, and applicable NFPA standards.

(2) **Notification and Initial System Test:** Upon completion of the installation of the fire protective system, the owner shall notify the fire chief of same in writing. Said notification shall be on forms approved by the fire chief which shall contain such information as deemed necessary by the fire chief in accordance with fire department regulations, including, but not limited to a statement by the owner certifying that a complete test of said system has been performed and that said system is one hundred percent (100%) operational based on the results of said test.

(3) **Maintenance Contract:** Prior to or no later than the date of the final inspection, the owner shall provide a copy of a current, fully executed maintenance contract between the owner and a person authorized by the fire chief to perform fire protective system maintenance and testing, or other plan of maintenance deemed satisfactory by the fire chief which shall provide for the required maintenance and testing of each fire protective system in accordance with fire department regulations.

(4) **Final Inspection:** Upon receipt of the notification from the owner as provided in paragraph one of this section, the fire chief shall schedule a final inspection of said system. The final inspection shall include a test of the fire protective system to be conducted by the owner or person designated by the owner and said test shall be conducted in accordance with fire department regulations. The fire chief may require such additional tests as deemed necessary in order to assure proper operation of the system as a condition of final approval of each such system. The owner shall be responsible for all costs associated with conducting said testing, including but not limited to inspection fees.

(e) **Operation:**

(1) Upon final approval of a fire protective system, the owner shall be required to maintain said system in one hundred percent (100%) operating condition at all times. The owner or the person hired by the owner to maintain said system shall notify the fire department and obtain all necessary permits prior to disconnecting the fire protective system for any reason, provided, however, that no permit shall be necessary for performing routing tests or for making emergency or minor routine repairs as further specified in accordance with fire department regulations.

(2) The provisions of the forgoing paragraph (1) shall not apply to temporary emergency disconnections of sprinkler systems as provided for in Chapter 145, section 27a of the general laws, provided, however, that any such emergency disconnection shall be subject to the notification as required by said statute.

(f) **Removal:** No fire protective system shall be removed unless or until the owner has obtained a permit for the installation of a replacement system or made alternative arrangements for fire protection which have been approved in writing by the fire chief.

### **Section 10-44 Maintenance and Testing**

(a) **Maintenance and Testing:** Every owner shall provide for the performance of regular maintenance and testing of fire protective systems located in or on its premises in accordance with fire department regulations. All such maintenance and testing shall be performed by persons authorized to perform fire protective system maintenance and testing by the fire chief in accordance with fire department

regulations. The owner or the person hired by the owner to perform said maintenance and testing shall notify the fire department of any changes in the operation of the system or of any changes in the information required pursuant to fire department regulations.

- (b) **Notification:** No person shall perform maintenance, testing, or repair work on, disconnect, make any alteration to, or otherwise tamper with a fire protective system without first providing notice to the fire department (Fire Alarm Division) except as otherwise provided in Section 10-43(e)(2) of this ordinance.

#### **Section 10-45 False Alarms, Malfunctions**

- (a) No person or owner shall cause, suffer, permit, allow, or otherwise fail to prohibit the activation of a false alarm. Each such false alarm shall constitute a separate offense, provided, however, that any such person or owner who can show that a false alarm was caused solely by the malicious action of a person not lawfully on the premises, shall not be in violation of this provision for the purposes of such false alarm.

#### **Section 10-46 Connection to Municipal Alarm**

- (a) **Connection, when required:** The fire chief shall determine, in accordance with state law, which premises shall be directly connected to the municipal fire alarm system. Connection to the municipal fire alarm system shall be by means of a master box or central station operating system, as determined by the fire chief. Owners of such premises shall comply with the rules and regulations of the fire chief for completing said connections and shall be required to pay the connection and annual maintenance fees set out in Section 17-14 of these revised ordinances. All such connections shall be completed as of the completion date for the installation of the fire protective system as specified in the approved plan pursuant to Section 10-43(e), provided, however, that the fire chief may grant a written extension for completing said connections.
- (b) **Unauthorized Connection:** No person or owner shall disconnect or otherwise prevent the transmission of a fire alarm signal via the municipal alarm system or a central station operating system.
- (c) **Unauthorized Disconnection:** No person or owner shall disconnect or otherwise prevent the transmission of a fire alarm signal via the municipal alarm system or a central station operating system.

#### **Section 10-47 Violation of State Fire Prevention Code**

In order to protect and enhance the public safety by reducing the risk of fire hazard, the provisions of the Code of Massachusetts Regulation 527 (527 CMR) are hereby incorporated in and made part of this ordinance and any violation of an provision thereof shall constitute a violation of this section.

**Section 10-48 Penalty for Violations**

A person or owner who violates any provision of this ordinance shall be subject to a fine of not less than fifty (\$50) nor more than three hundred (\$300) dollars.

**Section 10-49 Severability**

The provisions of this ordinance are severable. If any provision of this ordinance or its application to any person or circumstance is held invalid, such invalidity shall not affect the remaining provisions or applications of this ordinance.

**Be it further ordained by the Board of Alderman of the City of Newton as follows:**

That section 20-20 of the Revised Ordinances, as established by Ordinance T-126, dated March 4, 1991, be and are further amended as follows:

Add the following table to subsection (a):

**Fire Department Violations Subject to Fine**

	<u>Penalty</u>
Warning (ticket to note violation)	\$0
 <b>Sec. 10-5 Setting fire to trees, brush, leaves, etc. prohibited</b>	
Setting fire to tree, brush, grass, leaves, brushwood, rubbish, or other substance	\$50
 <b>Sec. 10-8 Basements of certain buildings to be kept free of combustibles and inflammables</b>	
Improper storage of combustibles and/or inflammables	\$50
 <b>Sec. 10-9 Halls, stairways and exits of schools to be unobstructed</b>	
Obstruction of hall(s) and/or stairway(s) of a school building	\$50
 <b>Sec. 10-11 Smoke Detectors</b>	
(b) Failure to provide smoke detectors as required for one or two dwelling units	\$50
(c) Failure to provide smoke detectors as required for three or more dwelling units	\$50

(d) Failure to provide smoke detectors as required  
for miscellaneous units or rooms \$50

**Sec. 10-42 Fire Protective and Alarm Systems in General**

Failure to provide fire protective system \$50

**Sec. 10-43 Installation, Removal, Permit required**

(a) Failure to obtain permit \$50

(c) Failure to undertake or to complete installation of a fire protective system \$50

(c) Failure to schedule final inspection \$50

(c) Failure to perform test for acceptance \$50

(d) Failure to maintain 100% operating system \$50

**Sec. 10-44 Maintenance and testing**

(1) Failure to provide for required maintenance or testing \$50

(2) Failure to notify fire department of maintenance, testing, or other work \$50

**Sec. 10-45 False Alarms, Malfunctions**

(a) First offense \$50

2<sup>nd</sup> & 3<sup>rd</sup>\* offense \$100

4<sup>th</sup>\* or more offenses \$200

**Section 10-46 Connection to Municipal Alarm**

(a) Failure to complete connection to a municipal alarm system \$50

(b) Unauthorized connection to municipal alarm system \$50

(c) Unauthorized disconnection from municipal alarm system \$50

**Sec. 10-47 Violation of State Fire Prevention Code**

Violation of 527 CR 1.00-50.00 (citation to note section violated) \$50

The fire chief, fire alarm superintendent, all assistant chiefs, and fire prevention personnel shall be authorized to issue written notice of violations of sections 10 of the Revised Ordinances listed in the table above, pursuant to paragraph (b) of this section 20-20.

\*References to 2<sup>nd</sup>, 3<sup>rd</sup>, or 4<sup>th</sup> or more offenses shall be for subsequent offenses occurring within the same fiscal year.

Approved as to legal form and character:

Daniel M. Funk, City Solicitor

Under Suspersion of Rules  
Readings Waived and Adopted  
24 yeas

Executive Department  
Approved November 4, 1992

(SGD) Edward G. English, City Clerk

(SGD) Theodore D. Mann, Mayor