



**PELHAM FIRE DEPARTMENT**  
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**FIRE ALARM SYSTEM RULES & REGULATIONS**

In accordance with the National Fire Protection Association fire, state and local codes, the following regulations have been established by the Pelham Fire Department regarding Fire Alarm systems:

**1-1 GENERAL REQUIREMENTS**

1-1.1 All fire alarm systems installed in the Town of Pelham, New Hampshire shall require an Electrical permit that can be obtained at the Pelham Town Hall, and a Fire Alarm Installation permit that can be obtained at the Pelham Fire Department.

1-1.2 All fire systems installed in the Town of Pelham, New Hampshire shall require a floor plan showing the location of all the fire alarm devices, their type, and a one-line wiring diagram which shall be approved by the Pelham Fire Department prior to the issuance of the required Fire Alarm Installation permit.

1-1.3 All installation and wiring of equipment shall be in accordance with the National Electric Code, applicable NFPA guidelines, and all state and local codes, and shall be of the most modern standards of practice.

1-1.4 All equipment used shall be of a type approved by the Town of Pelham, New Hampshire Fire Department.

1-1.5 All systems shall be AC powered with DC backup (AC/DC) and permanently wired to the main electrical panel of the structure, where applicable.

1-1.6 An approved fire detection device shall be installed on every floor and in every bedroom of the occupancy. Attics with a walk-up staircase and any attic with mechanical equipment shall have detection in these areas.

1-1.7 The devices that make up the fire detection system shall be connected to the electrical wiring in a manner that will allow the entire system to act when one device is activated.

1-1.8 The installer of the said fire alarm system shall complete a certificate to verify that the system has been completely (100%) tested and functions in complete compliance with the system's specifications, manufacturer's recommendations, and codes (1-1.3) which shall be signed by the installer and the general contractor.

1-1.9 Upon completion of the fire alarm system certification (1-1.8), an inspection shall be completed by the Pelham Fire Department in the presence of the contractor/builder to verify proper installation of said system and perform a functional test of said system.

1-1.10 Any and all additions and/or modifications to existing fire alarm systems shall require a new application and permit submittal.

**2-1 CARBON MONOXIDE DETECTORS**

2-1.1 A carbon monoxide (CO2) detector shall be installed on every level of the home.

2-1.2 All carbon monoxide detectors shall be AC powered with DC backup. Combination smoke and CO devices are acceptable if they are UL listed devices.