

1 RCNY §915-01

CHAPTER 900

Fire Protection Systems

§915-01 Carbon Monoxide Detectors.

- (a) **Scope.** Pursuant to section 915.1.2 of the Building Code (BC), listed carbon monoxide (CO) detectors must be installed in buildings equipped with a fire alarm system that contain Group A-1, A-2, A-3, B or M occupancies, as defined in BC Chapter 3. Such listed carbon monoxide detectors must be connected to the fire alarm system control panel and installed in accordance with the requirements of this section.
- (b) **Reference.** See section 28-315.11 of the New York City Administrative Code (AC), and BC sections 915.1.2, 915.3, 915.4, and 915.6.
- (c) **Group A-1, A-2, A-3, B or M occupancies.** CO detectors with built-in sounder bases meeting the requirements of BC section 915.6 and subdivision (g) of this section must be installed in the following locations:
- (1) Any room containing CO-producing equipment.
 - (2) Any interior space or area immediately adjacent to a CO-producing source, including the vertical projection of the immediate area of the floor above the CO-producing source and the immediate area of the floor below the CO-producing source.
 - (3) Any interior space or area immediately adjacent to an enclosed parking garage or a loading dock, including the vertical projection of the immediate area of the floor above the enclosed parking garage or loading dock and the immediate area of the floor below the enclosed parking garage or loading dock.
 - (4) Any parking attendant's office or booth located within an enclosed parking garage or loading dock.
 - (5) As an alternative to installation as provided in paragraphs (1) through (4) of this subdivision and subject to the Department's approval, in locations determined by a performance-based design that is in accordance with section 5.8.5.3.2 of reference standard National Fire Protection Association ("NFPA") 720 – 2015 edition.
- (d) **Equipment shutdown.** Activation of a CO detector located at the source of CO-producing equipment must shut down that source pursuant to BC section 915.3.1.
- Exception:** This provision does not apply where the source is a generator.
- (e) **Installation requirements.** CO detectors must be installed in accordance with NFPA 720 – 2015 edition, as modified for New York City by section 3616-08 of these rules.
- (f) **Fire alarm control units.** CO detectors must be connected and monitored at the fire alarm control panel or Fire Command Center. Pursuant to the provisions of section 23.8.2.2 of NFPA 72 – 2016, if there is insufficient space in the existing fire alarm control panel to monitor the carbon monoxide detectors, a new separate fire alarm control panel may be installed. However, the new fire alarm control panel must function as if it were part of the original building fire alarm system, and such dedicated function fire alarm control panel must be interconnected with the building's master fire alarm control panel or Fire Command Station.
- (g) **Visual Notification Appliance Installation Requirements.** In Group A-1, A-2, A-3, B or M occupancies where CO detection is required, visual notification appliances required by Section 6.4.1.1 of NFPA 720 – 2015, must be installed in accordance with this subdivision.
- (1) Visual notification appliance devices must be installed within 10 feet of any CO detector.

- (2) Where multiple detectors are within the same zone, circuit activation is acceptable.
- (3) A permanently identified lamacoid label or a permanent marking on the device with the wording "ALERT", "EMERGENCY" or "CARBON MONOXIDE" must be either affixed to the device or within the vicinity of the visual appliance device employed by the fire alarm system.
- (4) A visual notification appliance device must not have the word "FIRE", or any fire symbol, in any form (i.e., stamped, imprinted, etc.) in any location on the device that is visible to the public. A notification appliance device with multiple visible elements is permitted to have "FIRE" markings only on those visible elements used for fire signaling.
- (5) The lens of the notification appliance device for the carbon monoxide system must be amber in color.