



FIRE DEPARTMENT

9 METROTECH CENTER

BROOKLYN, N.Y. 11201-3857

Office of Technology Management Bulletin # 06/2009

To: Public Agencies, Real Estate Entities, Architects, Engineers, Fire Alarm and Construction Industry Entities, Fire Safety Directors and Building Managers

Re: For the subject case of a Group E (Education/School) occupancy that is required to have installed carbon monoxide (CO) detection protection with a connection of the CO detector(s) to the school fire alarm system, due to the requirements of the NYC Department of Buildings Construction Codes inquiry authorities and the 2008 Building Code; therefore the following is the NYC Fire Department's CO/fire alarm system operation and inspection policy for new or extensively altered or existing school occupancies:

- 1) For 2008 Building Code new occupancies of school buildings with fire alarms that have connections to both CO detectors and central station for transmission of signals indicating fire and carbon monoxide alarms. For the manual or automatic fire signals all evacuation notifications on premises shall operate as per pertinent code requirements (Fire and Building Codes). For only the case of carbon monoxide automatic alarm signal transmission through approved central stations with retransmission to, or when automatic CO alarm signals are directly transmitted through FDNY transmission lines to, NYC Fire Department Dispatch Offices there shall **“not”** be CO evacuation notification signals of the fire alarm system on-premises.

- 2) For 2008 Building Code applied to existing school occupancies in regard to carbon monoxide detection installation, and automatic CO detection signals are **“not”** transmitted to the NYC Fire Department through approved central stations or directly through FDNY transmission lines, then upon the actuation of a CO detector the connection to the premise fire alarm systems shall be required and a standard evacuation signal such as a continuous “2-2-2-2” shall be coded and transmitted throughout the school premises fire alarm system and the occupants shall be immediately evacuated and the Fire Department called via telephone or notified through an on-site ERS box for emergency response.

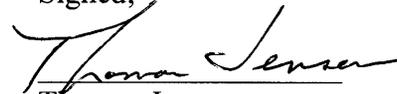
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- 3) Under any of the above scenarios, minimum annunciation of alarm for actuation of CO detectors shall occur at the fire alarm control panel—such control panel shall be equipped with annunciation devices—visible and audible indicators.

The above declarations of the public safety policies of the Bureau of Fire Prevention have been made to clarify officially the impact of the city of New York Building Code articles and interpretations upon and for the administration of the Office of Technology Management, Bureau of Fire Prevention activities concerning fire alarm issues and its affects upon the educational public safety and administration authorities, school communities, real estate, buildings design and construction industries.

Signed,



Thomas Jensen

Chief of Fire Prevention