



2010 FIRE CODE OF NEW YORK STATE

CHAPTER 4 - EMERGENCY PLANNING AND PREPAREDNESS

SECTION 407 HAZARD COMMUNICATION

407.1 General. The provisions of Sections 407.2 through 407.7 shall be applicable where hazardous materials are located on the premises or where required by the code enforcement official.

407.2 Material Safety Data Sheets. Material Safety Data Sheets (MSDS) for all hazardous materials shall be readily available on the premises.

407.3 Identification. Individual containers of hazardous materials, cartons or packages shall be marked or labeled in accordance with applicable federal regulations. Buildings, rooms and spaces containing hazardous materials shall be identified by hazard warning signs in accordance with Section 2703.5.

407.4 Training. Persons responsible for the operation of areas in which hazardous materials are stored, dispensed, handled or used shall be familiar with the chemical nature of the materials and the appropriate mitigating actions necessary in the event of a fire, leak or spill. Responsible persons shall be designated and trained to be liaison personnel for the fire department. These persons shall aid the fire department in preplanning emergency responses and identification of the locations where hazardous materials are located, and shall have access to Material Safety Data Sheets and be knowledgeable in the site emergency response procedures.

407.5 Hazardous Materials Inventory Statement. Where required by the code enforcement official, a Hazardous Materials Inventory Statement (HMIS) shall be provided to the code enforcement official.

407.6 Hazardous Materials Management Plan. Where required by the code enforcement official, a Hazardous Materials Management Plan (HMMP) shall be provided to the code enforcement official. The code enforcement official is authorized to accept a similar plan required by other regulations.

407.7 Facility closure plans. A facility closure plan in accordance with Section 2701.6.3 to terminate storage, dispensing, handling or use of hazardous materials shall be submitted to the code enforcement official.

WHAT CAN C.T. MALE ASSOCIATES DO TO HELP FACILITY OWNERS AND OPERATORS COMPLY WITH HAZARDOUS MATERIALS GENERAL PROVISIONS

Performance-Based Design Alternatives

F2701.3 When approved by the code enforcement official, buildings and facilities where hazardous materials are stored, used or handled shall be permitted to comply with this section as an alternative to compliance with the other requirements set forth in this chapter and Chapter F28 through Chapter F44.

Safety Audits

F2701.3.3.18 Safety audits shall be conducted on a periodic basis to verify compliance with the requirements of this section.

Permitting

F2701.5 Permits. Operational permits shall be issued in accordance with the requirements of Section F109.

When required by the code enforcement official, the owner or authorized agent shall apply for approval to permanently close a storage, use or handling facility. Such application shall be submitted at least 30 days prior to the termination of the storage, use or handling of hazardous materials. The code enforcement official is authorized to require that the application be accompanied by an approved facility closure plan in accordance with Section F2701.6.3.

Hazardous Materials Management Plans

F2701.5.1 Where required by the code enforcement official, each location classified as a hazardous occupancy shall include a Hazardous Materials Management Plan (HMMP). The HMMP shall include a facility site plan designating the following:

1. Storage and use areas.
2. Maximum amount of each material stored or used in each area.
3. Range of container sizes.
4. Locations of emergency isolation and mitigation valves and devices.
5. Product conveying piping containing liquids or gases, other than utility-owned fuel gas lines and low-pressure fuel gas lines.
6. On and off positions of valves for valves that are of the self-indicating type.
7. Storage plan showing the intended storage arrangement including the location and dimensions of aisles.
8. The location and type of emergency equipment. The plans shall be legible and drawn approximately to scale. Separate distribution systems are allowed to be shown on separate pages.

Hazardous Materials Inventory Statements

F2701.5.2 Hazardous Materials shall be reported annually, as required by General Municipal Law 209(u).

Facility Closure Plans

F2701.6.3 When a facility closure plan is required in accordance with Section F2701.5 to terminate storage, dispensing, handling or use of hazardous materials, it shall be submitted to the code enforcement official at least 30 days prior to facility closure. The plan shall demonstrate that hazardous materials which are stored, dispensed, handled or used in the facility will be transported, disposed of or reused in a manner that eliminates the need for further maintenance and any threat to public health and safety.

FOR MORE INFORMATION CONTACT:

C.T. MALE ASSOCIATES

Engineering, Surveying, Architecture & Landscape Architecture, D.P.C.
50 Century Hill Drive, Latham, NY 12110
518.786.7400 FAX 518.786.7299 www.ctmale.com