



Las Vegas Fire & Rescue Fire Prevention Division Information Sheet



Effective Date: February 1, 2011

CLV Ordinance #6124

The items listed are basic information only. Codes are subject to change. Additional requirements may apply.

Hazardous Materials

An operational permit is required to store, transport on site, dispense, use or handle hazardous materials in excess of the amounts listed in the *International Fire Code* Table 105.6.20. **IFC 105.6.20**

An application for a permit shall include a Hazardous Materials Management Plan (HMMP) & a Hazardous Materials Inventory Statement (HMIS). **IFC 2701.5.1 & 2701.5.2**

A construction permit is required to install, repair damage to, abandon, remove, place temporarily out of service, close or substantially modify a storage facility or other area regulated by the *IFC* Chapter 27 when the hazardous materials in use or storage exceed the amounts listed in the *IFC* Table 105.6.20. **IFC 105.7.8**

No building or structure shall be used or occupied, and no change in the existing occupancy classification of a building or structure or portion thereof shall be made until the building official has issued a certificate of occupancy. **IBC 110.1**

An automatic sprinkler system shall be installed in Group H (High Hazard) occupancies.
IFC 903.2.5.1

The design of the sprinkler system shall not be less than that required for Ordinary Hazard Group 2 with a minimum design area of 3,000 ft². **IFC 2704.5**

Portable fire extinguishers shall be provided in accordance with *IFC* Tables 906.3(1) & 906.3(2). Minimum requirement is 4A:40B:C with the maximum floor area per unit "A" one per 1000 ft², travel distance not to exceed 30 ft. **IFC 906.3.1 & NFPA 10 tables 6.2.1.1 & 6.3.1.1**

Emergency alarms for the detection and notification of an emergency condition in Group H occupancies shall be provided as required in the *IFC* Chapter 27. **IFC 908.1**

Doors serving Group H occupancy shall not be provided with a latch or lock unless it is panic hardware or fire exit hardware. **IFC 1008.1.10**

In H-1, H-2, & H-3 occupancies a second egress door shall be provided when the occupant load exceeds 3. In H-4 & H-5 a second egress door shall be provided when the occupant load exceeds 10.
IFC 1015.1



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The maximum allowable quantity per control area shall be as specified in the *IFC* Tables 2703.1.1(1) through 2703.1.1(4). **IFC 2703.1.1**

Material Safety Data Sheets (MSDS) shall be readily available on the premises for hazardous materials regulated by the *International Fire Code*. **IFC 2703.4**

Visible hazard identification signs as specified in NFPA 704 for the specific material contained shall be placed on stationary containers and above-ground tanks and at entrances to locations where hazardous materials are stored, dispensed, used or handled in quantities requiring a permit and at specific entrances and locations designated by the fire code official. **IFC 2703.5**

Smoking shall be prohibited and “No Smoking” signs shall be provided. **IFC 2703.7.1**

Trash containers with a capacity exceeding 40 gallons shall be provided with lids. Containers and lids shall be constructed of noncombustible materials or of combustible materials with a peak rate of heat release not exceeding 300kW/m². **IFC 304.3.2**

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 fire, leak or spill. **IFC 2703.9.1**

An approved fire safety and evacuation plan shall be prepared and maintained per the *International Fire Code* section 404. Employees shall be trained in the fire emergency procedures as a new hire and at least annually. **IFC 404.2 & 406.1**

For indoor storage of hazardous materials, ventilation shall be provided at a rate of not less than 1 cubic foot per minute per ft² of floor area over the storage area and shall be installed per the *International Mechanical Code*. **IFC 2704.3.1**

The specific requirements for hazardous materials can be found in chapters 28-44 of the *International Fire Code* 2009 edition.

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Fire Prevention Division
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www.lasvegasnevada.gov/LawsCodes/fire_code.asp