



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.

Hot Work

Hot work includes operations involving cutting, welding, Thermit welding, brazing, soldering, grinding, thermal spraying, thawing pipe, and installation of torch-applied roof systems or any other similar activity. **IFC 2602.1**

An operational permit is required for hot work. **IFC 105.6.23**

A facility may create a “Hot Work Program”. A hot work program is a permitted program, carried out by approved facilities-designated personnel, allowing them to oversee and issue permits for hot work conducted by their personnel or at their facility. If such a program is created then the “responsible person” shall review the hot work site and ensure that all of the requirements in Chapter 26 are met prior to the onset of hot work operations. **IFC 2602**

Hot work shall only be conducted in areas designed or authorized for that purpose by the personnel responsible for a Hot Work Program. Hot work shall not be conducted in the following areas unless approval has been obtained from the fire code official:

- Areas where the sprinkler system is impaired **IFC 2601.3**
- Areas where there exists the potential of an explosive atmosphere **IFC 2601.3**
- Areas with readily ignitable materials **IFC 2601.3**
- At other locations as specified by the fire code official. **IFC 2601.3**

Hot work areas shall not contain combustibles or shall be provided with appropriate shielding to prevent sparks, slag or heat from igniting exposed combustibles. **IFC 2604.1.1**

Floors shall be kept clean within the hot work area. **IFC 2604.1.3**

A fire watch shall be provided during hot work activities and shall continue for a minimum of 30 minutes after the conclusion of the work. **IFC 2604.2.1**

A minimum of one portable fire extinguisher with a minimum 2-A:20B:C rating shall be readily accessible within 30 feet of the location where hot work is performed. **IFC 2604.2.6**



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A pre-hot work check shall be conducted prior to work to ensure that all equipment is safe and hazards are recognized and protected. A report of the check shall be kept at the work site during the work and available upon request. **IFC 2604.3.1**

Visible hazard identification signs shall be provided where required by chapter 27 of the *International Fire Code*. Where the hot work area is accessible to persons other than the operator of the hot work equipment, conspicuous signs shall be posted to warn others before they enter the hot work areas. Such signs shall display the following warning:

“CAUTION
HOT WORK IN PROGRESS
STAY CLEAR”

IFC 2603.6

Compressed gas containers, cylinders, tanks and systems shall be secured against accidental dislodgement and against access by unauthorized personnel. **IFC 3003.5**

Compressed gas containers, cylinders and tanks shall be secured to prevent falling caused by contact, vibration or seismic activity. **IFC 3003.5.3**

Compressed gas containers, cylinders and tanks designed for protective caps, collars or other protective devices shall have the caps or devices in place except when the containers, cylinders or tanks are in use or are being serviced or filled. **IFC 3003.6.1**

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www.lasvegasnevada.gov/LawsCodes/fire_code.asp