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DEPARTMENT OF FIRE-RESCUE

Hot Work Permit Fact Sheet

Based on requirements from the 2016 California Fire Code Section 105.6.24, the City of Santa Fe Springs Department of Fire-Rescue requires a permit to be obtained for any operations which meet the definition of “Hot Work”.

Hot Work is defined by the California Fire Code as “Operations including cutting, welding, Thermit welding, brazing, soldering, grinding, thermal spraying, thawing pipe, installation of torch-applied roof systems or any other similar activity.” The City of Santa Fe Springs includes glass blowing, torch operations in dental labs and jewelry manufacture and other similar operations in the definition of Hot Work.

Whenever Hot Work is conducted, a Fire Watch must be maintained over the Hot Work Area. The Hot Work Area is “The area exposed to sparks, hot slag, radiant heat, or convective heat as a result of the hot work.” A Fire Watch is “A temporary measure intended to ensure continuous and systematic surveillance of a building or portion thereof by one or more qualified individuals for the purposes of identifying and controlling fire hazards detecting early signs of unwanted fire, raising an alarm of fire and notifying the fire department.”

A fire watch shall be provided during hot work activities and shall continue for not less than 30 minutes after the conclusion of the work except where the hot work area has no fire hazards or combustible exposures. The fire watch shall include the entire hot work area. Hot work conducted in areas with vertical or horizontal fire exposures that are not observable by a single individual shall have additional personnel assigned to fire watches to ensure that exposed areas are monitored.

Additionally, a pre-hot work check shall be conducted prior to work to ensure that all equipment is safe and hazards are recognized and protected. The pre-hot work check shall include the following:

1. Hot work equipment to be used shall be in satisfactory operating condition and in good repair.
2. Hot work site is clear of combustible material or combustibles are protected.
3. Exposed construction is of noncombustible materials or, if combustible, then protected.
4. Openings are protected.
5. Floors are kept clean.
6. No exposed combustible are located on the opposite side of partitions, walls, ceilings, or floors.
7. Fire watches, where required, are assigned.
8. Approved actions have been taken to prevent accidental activation of suppression and detection equipment.
9. Fire extinguishers and fire hoses (where provided) are operable and available.

Once it has been determined that the facility is in compliance with these requirements, a Hot Work Permit will be issued by the Department. The Hot Work Permit shall be posted at the facility and documentation supporting compliance with the permit requirements shall be available upon request.

William K. Rounds, Mayor • Jay Sarno, Mayor Pro Tem

City Council

Richard J. Moore • Juanita Trujillo • Joe Angel Zamora

City Manager

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