

WEST SACRAMENTO FIRE DEPARTMENT
2040 Lake Washington Blvd., West Sacramento, CA 95691
(916) 617-4600

BUREAU OF FIRE PREVENTION

PERMIT REQUIREMENTS FOR
HOT WORK OPERATIONS: WELDING

In accordance with Ordinance 07-21, Chapters (26 & 30) CFC and State Statutes

For Job Site-Temporary Annual

SECTION I. INFORMATION REQUIRED

Applicant is required to furnish the following information before a permit may be processed.....Appendix Chapter 1 (105.3.7) CFC

1. Site plans showing location the hot work equipment being used
2. Names and amounts of gases used. Amounts to be listed shall be the maximums stored at any one time.

SECTION II. REQUIREMENTS AND LIMITATIONS

Issuance of permit subject to compliance with the listed requirements and approval by field inspection and necessary tests.

THESE REQUIREMENTS TO BE ON PREMISES AT ALL TIMES(105.3) CFC

1. The use of welding, cutting and other hot-work equipment shall be in accordance with Chapter 26 CFC.(2601.1) CFC
2. Hot work shall only be conducted in areas designed or authorized for that purpose by personnel responsible for a Hot Work Program.(2601.3) CFC
3. Hot work permits, issued by an approved responsible person under a hot work program, shall be available for review by the fire code official.....(2603.3) CFC
4. A permit for hot work operations shall not be issued unless the individuals in charge of performing such operations are capable of performing these operations safely. Demonstration of a working knowledge of Chapter 26 shall constitute acceptable evidence of compliance with this requirement.(2603.4) CFC
5. The individual responsible for the hot work area shall maintain "prework check" reports in accordance with Section 2604.3.1.(26603.5) CFC
6. Visible hazard identification signs shall be provided where required by Chapter 27. Where the hot work area is assessable 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 area.(2603.6) CFC
7. Work areas shall not contain combustibles or shall be provided with appropriate shielding to prevent the igniting of exposed combustibles. 604.1.1) CFC
8. Hot work shall not be performed on containers or equipment that contains or has contained flammable liquids, gases or solids until the containers and equipment have been thoroughly cleaned, inerted or purged; except that "hot tapping" shall be allowed on tanks and pipe lines when such work is to be conducted by approved personnel.(2604.1.7) CFC
9. Automatic sprinkler protection shall not be shut off while hot work is preformed.(2604.1.8) CFC
10. Approved special precautions shall be taken to avoid accidental operation of automatic fire detection systems.(2604.1.9) CFC
12. Fire watches shall be established and conducted in accordance with Sections 2604.2.1 through 2604.2.6.(2604.2) CFC
13. A minimum of one portable fire extinguisher complying with Section 906 and with a minimum 2-A:20-B:C rating shall be readily accessible within 30 feet (9144 mm) of the location where hot work is performed.(2604.2.6) CFC
14. A minimum 2-A, 20-B:C-rated fire extinguisher or a charged water hose equipped with a nozzle shall be located within 30 feet (9144 mm) of the location where hot work is in progress and shall be accessible without climbing stairs or ladders.(4901.9) CFC
15. Storage, handling, and use of compressed gas cylinders, containers, and tanks shall be in accordance with Chapters (26 & 30)(2605.2) CFC
16. Cylinders, valves, regulators, hose and other apparatus and fittings for oxygen shall be kept free from oil or grease. Oxygen cylinders, apparatus and fittings shall not be handled with oily hands, oily gloves, or greasy tools or equipment.(2605.3) CFC
17. Acetylene gas shall not be piped excepted in approved cylinder manifolds and cylinder manifold connections, or utilized at a pressure exceeding 15 psig. Acetylene gas shall not be brought in contact with unalloyed copper, except in a blowpipe or torch.....(2605.4) CFC
18. The frame or case of electric hot work machines, except internal-combustion-engine-driven machines, shall be grounded.(2606.1) CFC
19. A switch or circuit breaker shall be provided so that fixed electric welders and equipment can be disconnected from the supply circuit.(2606.4) CFC
20. Damaged cable shall be removed from service until properly repaired or replaced.(2606.5) CFC
21. The use of piping manifolds and hose systems shall be in accordance with Section 2609.2 through 2609.7, Chapter 30 and Chapter 5 of NFPA 51.(2609.1) CFC

ADDITIONAL COMMENTS AND/OR REQUIREMENTS:

Fire Prevention Bureau must be notified 24 hours ahead of time for any tests or inspections required by the applicant.

To abide by all pertinent provisions of Local and State Statutes.....Appendix Chapter 1 (105.3) CFC

Application or Permit does not replace any license or permit required by any other agency.Appendix Chapter 1 (105.5) CFC