



CLARK COUNTY FIRE DEPARTMENT - FIRE PREVENTION BUREAU

4701 W Russell Rd, Las Vegas, NV 89118 • (702) 455-7316

Website: [Fire Department \(clarkcountynv.gov\)](http://FireDepartment(clarkcountynv.gov))

Email: FPPCQ@clarkcountynv.gov

Permit Submittal Guideline

Welding and Hot Works: Permit by Inspector

Permit Use:

This guide is to assist in the permitting process for annual renewable hot works operations. Permit is required for operations involving cutting, grinding, welding operations at trade shows, public exhibitions, repair garages, auto body repair shops, plumbing, on-site apartment maintenance, etc.

APPLICABLE CODES:

The following codes and standard apply to this permit:

- Section 105.5.25 of the Clark County 2024 International Fire Code (IFC) Amendments. All hot work shall comply with the requirements of Chapter 35 of the Fire Code.

Link to CCFC: See the amendments to codes and standards using the link below:

webfiles.clarkcountynv.gov//Fire/Fire

[Prevention/Library/Chapter 13.04 THE FIRE CODE OF CLARK COUNTY.pdf](#)

SUBMITTAL REQUIREMENTS:

No items are required to be submitted as part of this permit. Permit conditions shall be field verified to meet the requirements below.

PERMIT BY INSPECTION ELIGIBILITY:

1. Public exhibitions and demonstrations where hot work operations are conducted.
2. Use of portable hot work equipment inside a structure.
 - a. **Exception:** Work that is conducted under a construction permit.
3. Fixed-site hot work equipment, such as welding booths.
4. Hot work conducted within a wildfire risk area.
5. Application of roof coverings with the use of an open-flame device.
6. Where approved, the fire code official shall issue a permit to carry out a hot work program.
 - a. This program allows approved personnel to regulate their facility's hot work operations. The approved personnel shall be trained in the fire safety aspects denoted in this chapter and shall be responsible for issuing permits requiring compliance with the requirements found in Chapter 35. These permits shall be issued only to their employees or hot work operations under their supervision.

Requirements for Welding and Hot Works Operations:

1. Hot work equipment to be used shall be in satisfactory operating condition and in good repair.
2. Hot works must be performed in designated areas free of combustibles or shielding shall be provided between the hot work area and any combustibles.
3. Floors shall be kept clean in hot work area.
4. Openings or cracks in walls, floors, ducts or shafts within the hot works area shall be tightly covered to prevent the passage of sparks to adjacent combustible areas, or shielded by fire-resistant guards, or curtains.



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5. Welding, cutting, and similar spark-producing operations shall not be conducted in or adjacent to flammable vapor areas or dipping or coating operations. A 20-foot separation or permanent partition is required.
6. Fire hoses where provided are operable and available.
7. There shall be at least one 2-A:20B-C fire extinguisher within 30 feet of location where hot work is performed.
8. A fire watch shall be provided during all hot work activities and shall continue for not less than 30 minutes after the conclusion of the work in accordance with the Clark County Fire Code and the Hot Works Guideline.
9. Customer shall provide and maintain a signed copy of the Hot Work Operations/Fire Watch Procedures and Safety Sign-off Sheet.

PERMIT DURATION:

All temporary operational permits are only valid for the duration of the event and only up to a maximum of 180 days. If any changes are made to the arrangement, a revision or new permit will need to be applied for. Annual operational permits are valid for a period of up to 365 days.

To apply for your permit please visit your customer Accela Citizen Access ACA account and apply for either an annual or temporary permit, then select hot works from the drop-down menu. [Accela Citizen Access](#)



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Hot works/Welding Safety sign off sheet

This is to be filled out by any employee conducting hot works and kept in a binder at fixed hot works locations. For mobile locations paperwork shall be completed onsite and retained at the main office location for the duration of the permit.

Scope:

Hot work operations shall be in accordance with this guide and the requirements contained in the Clark County Fire Code.

Purpose:

To provide standardized sign-off sheet for the Fire Prevention Bureau requirements relating to conducting hot work operations. This sheet is to be filled out for each welding and hot works activity.

Restricted Areas:

1. Hot work shall not be conducted in the following areas unless approval has been obtained from the Fire Prevention Bureau.
2. Areas where the sprinkler system is impaired.
3. Areas where there exists the potential of an explosive atmosphere, such as locations where flammable gases, liquids or vapors are present.
4. Areas with readily ignitable materials, such as storage of large quantities of bulk sulfur, baled paper, cotton, lint, dust or loose combustible materials.

Conducting Hot Work Operations:

The use of welding, cutting and other hot work equipment shall be in accordance with the Clark County Fire Code.

Fire Watch:

Shall be provided during hot work activities and shall continue for a minimum of 30 minutes after the conclusion of the work. The fire watch shall include the entire hot work area. Hot work conducted in areas that include horizontal or vertical fire exposures that are not observable by a single individual shall have additional personnel assigned to fire watch to ensure that exposed areas are monitored.

Individuals designated to fire watch duty shall have fire-extinguishing equipment readily available and shall be trained in the use of such equipment. Individuals assigned to fire watch duty shall be responsible for extinguishing spot type fires and communicating an alarm. No other duties shall be assigned to personnel performing fire watch duty.

Fire watch is not required when the hot work area has no fire hazards or combustible exposures. However, a final check is required 30 minutes after completion of operation to detect and extinguish smoldering fires.



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The Hot work Site:

Shall be inspected by the individual responsible for the hot work for compliance.

A pre-hot work check shall be conducted prior to the hot work operations and shall determine all the following:

1. Notify facility personnel (owner/owner representative) providing location, type of work to be performed, duration of hot-work operations daily, AND FOLLOW ALL THE IN-HOUSE INTERNAL HOT WORK PROCEDURES.
2. Hot work equipment to be used shall be inspected by the operator prior to use and equipment shall be in satisfactory operating condition and in good repair.
3. Hot work site is clear of combustibles or combustibles are protected.
4. Exposed construction is of noncombustible materials or that combustible materials within 35 feet are protected.
5. Openings within 35 feet are protected.
6. Floors within 35 feet are kept clean.
7. No exposed combustibles are located on the opposite side of partitions, walls, ceilings or floors.
8. If hot work area is accessible to anyone other than operator of hot work equipment, warning sign(s) stating "**CAUTION - HOT WORK IN PROCESS - STAY CLEAR**" must be displayed.
9. Fire watches, where required, are assigned.
10. Fire extinguishers and fire hoses (where provided) are operable and available.
11. Approved actions have been taken to prevent accidental activation of suppression and detection equipment in accordance with the Clark County Fire Code. The automatic sprinkler protection shall not be shut off while hot work is being performed unless otherwise approved by the fire code official.
12. If any of these conditions cannot be met, then the hot work operation shall not be performed.

Business name of contractor conducting the hot works: _____

Clark County Fire Prevention Bureau Permit Number: _____

Address of location hot works is being performed: _____

(Print Name, Title, Contact Phone Number)

I have read, understood, and agree to follow the fire watch procedures for hot works and will follow all the fire watch safety procedures listed above. This document shall be maintained at the job site and produced upon request.

Signature: _____ Date: _____