



# CLARK COUNTY FIRE DEPARTMENT

## Fire Prevention Bureau

575 E. Flamingo Road, Las Vegas, NV 89119

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**105.8.s.3**

**TITLE:** SPRAY PAINT BOOTHS

**SCOPE:** Spray paint booths shall be installed, extended, or altered and permitted in accordance with this guide and the requirements contained in the 2005 Clark County Fire Code.

**PURPOSE:** To provide standardized Fire Department requirements relating to the installation and permitting of spray paint booths.

### **SPECIFICATIONS AND REQUIREMENTS:**

At the time of permit application, three (3) sets of plans, drawn to an indicated scale, must be submitted for review and approval. The standard permit fee is due upon submittal. Please see the **Clark County Fire Department Permit and Service Fee Schedule** for specific information. Please check our website for plan status. Any additional fees will be indicated on the website. Once the plans have been approved and any outstanding fees have been paid, an inspection can be scheduled.

### **PLANS:**

The electrical and mechanical systems associated with the booth must be submitted to and approved by the Clark County Building Department (CCBD) prior to submittal to the Clark County Fire Department (CCFD). Effective July 15, 2008, all auto body shops that apply spray finishes as part of their operation must first obtain a building permit prior to applying for a spray booth permit from CCFD.

Submittal packages must contain the following:

1. Electrical and mechanical plans that were approved by the CCBD.
2. Provide a specific and detailed narrative explaining the day-to-day operation of your business as it relates to the spray booth.
3. A detailed floor plan of the booth indicating doors, duct and filter locations, square footage of booth, must be submitted.
  - A. Spray booth(s) cannot exceed 10% of the total square footage of the suite/business.
  - B. An individual spray booth cannot exceed a total of 1,500 square feet.
4. A dimensional overall site plan of the suite/business indicating the exact location of the spray booth.
  - A. A clear space of 3 feet must be provided around spray booth for maintenance and cleaning.
  - B. Exit doors on spray booth must be indicated. It must include a diagram showing the electrical wiring and equipment located outside of, but within

- 20 feet of spraying area. Location must be in accordance with the National Electric Code.
- C. Provide a statement that the spraying apparatus, ventilation system, automatic fire suppression system and drying apparatus, if any, are interconnected to prevent spraying operations while ventilation is off, suppression system has activated or drying equipment, if any, is operating.
5. Provide two (2) diagrams showing:
- A. Exhaust duct through roof and distance to other openings into the building. Roof access hatch, HVAC units, swamp coolers, skylights, etc.
  - B. Exhaust duct penetrating through roofs showing the distance from exhaust to roof, including roof materials.
6. If the booth is a manufactured booth, provide a copy of the manufacturer's literature identifying that the booth is a listed assembly.
7. Provide a detailed narrative explaining day-to-day business operation, for example:
- Existing business
  - Show start date
  - Provide previous permits or approvals for booth
  - New owners of previous business, new building/business
  - Explain how paints, thinners, oils, etc. are placed into spray containers
  - Explain if pumped from large barrel; poured by hand; mixed
  - Location of filters; disposal of filters
  - Daily cleaning of booth
  - List if the building is protected by automatic fire sprinkler systems
  - List if building is "stand-alone" or one suite of several

To check on plan your status, go to [www.accessclarkcounty.com/fire](http://www.accessclarkcounty.com/fire)

All spray paint booths must be protected by approved automatic fire extinguishing systems. System plans must be submitted to and approved by the Clark County Fire Department prior to use of the booth.