



# Clark County Building Department

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| <b>Division:</b> | <b>Plans Exam</b>                      | <b>Policy &amp; Procedure:</b> | <b>BD-PP-251</b>  |
| <b>Subject:</b>  | <b>SPRAY BOOTHS PLAN REVIEW POLICY</b> | <b>Effective Date:</b>         | <b>07/15/2008</b> |
| <b>Code:</b>     | <b>IBC and IFC, as amended</b>         | <b>Revised Date:</b>           | <b>03/25/2026</b> |

## A. POLICY

Businesses that perform spray finishing, such as auto body shops, must first secure all required building, mechanical, electrical and plumbing permits from the Clark County Building Department (CCBD) for the installation of the spray booth or alteration of the structure. Following this, they must obtain a separate spray booth permit from Clark County Fire Prevention (CCFD).

## B. PROCEDURE

1. A complete set of plans along with a copy of the listed spray booth manufacturer’s specifications and installation instructions shall be submitted for a building permit. The following information shall be submitted for spray applied finish operations. The most restrictive requirements of the International Building Code (IBC) and International Fire Code (IFC) shall apply.
  - a. The spray booth shall be equipped with an automatic sprinkler system or fire-extinguishing system in accordance with 2024 IBC Section 416.5, 2024 International Existing Building Code and installed in accordance with IBC Chapter 9. Booths installed in buildings equipped with fire sprinklers shall be provided with an automatic sprinkler system.
  - b. A hazardous material quantity list must be submitted to CCBD. If the storage amount exceeds the maximum allowed per control area the building will be classified as an H-2 occupancy, per IBC Section 307.4. The maximum amount of class 1B flammable liquid allowed can be located in IBC Table 307.1(1) and IFC Chapter 57. Flammables in this class must be stored within an approved CCFD storage cabinet, or within an approved CCBD storage room
  - c. A listed paint mixing room that complies with the requirements of the IFC Chapter 24, or a liquid storage room that complies with the requirements of IBC Section 415.11.6 shall be provided.
  - d. The aggregate area of all spray booths in a building shall not exceed the lesser of 10 percent of the floor area of a building or the basic area allowed for a Group H-2 occupancy without area increases, as set forth in the IBC. A maximum of 1,500 square feet per fire area is allowed. If the spray booth or combination of spray booths is more than 10 percent of the total floor area, the building must be classified as H-2 occupancy and a Fire Protection Report (FPR) will be required. The FPR must be prepared by a Nevada registered fire protection engineer. This requirement will not preclude one spray booth that exceeds the 10% floor area as long as the booth is 500 square feet or less, in accordance with the IFC.
  - e. Spray applied finishes shall NEVER be applied outside of the listed spray booth. The following statement shall be placed on the plans and posted within the painting area: **“Spray applied finishes shall not be used outside of approved spray paint booth or mixing area.”**
  - f. Exit doors from pre-manufactured spray booths shall not be less than 2 feet 6 inches (30 inches) (762 mm) in width by 6 feet 8 inches (80 inches) (2032 mm) in height. Egress shall be provided in accordance with IBC Table 1017.2 - Exit access travel distance.

- g. All portions of the spray booth shall be readily available for cleaning. A clear space of not less than 3 feet (914 mm) shall be maintained on all sides of the spray booth. In accordance with IFC, this clear space shall be kept free of any storage or combustible construction.
  - h. Equipment and electrical wiring shall be designed in accordance with the National Electrical Code Article 516 Spray Applications, Dipping and Coating Process and the IFC for Class 1 Division 1 and Class 1 Division 2 locations.
  - i. Mechanical ventilation system for the spray booth shall comply with the IFC and Uniform Mechanical Code Chapter 5, design of product-conveying ventilation systems.
2. Upon approval of the building permit, the applicant shall apply for a Clark County Fire Prevention spray booth permit. A complete set of approved plans from CCBD must be submitted to CCFD. Please contact CCFD for additional submittal requirements.
  3. A CCFD Inspection clearance is required before a Certificate of Occupancy is issued.

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**Date Prepared: 03/16/2026**

**Revision History:**

| <b>Title</b>  | <b>Revision/Approved Date</b> | <b>Effective Date</b> |
|---|-------------------------------|-----------------------|
| <b>PE-PP-OPS-019</b> Auto Body Shops with Spray Booths Plan Review Policy |                               | 07/15/2008            |
| <b>BP-PP-047</b> Auto Body Shops with Spray Booths Plan Review Policy     | 08/15/2008                    |                       |
| <b>BP-PP-047</b> Auto Body Shops with Spray Booths Plan Review Policy     | 01/14/2014                    |                       |
| <b>BD-PP-251</b> Spray Booths Plan Review Policy                          | 03/25/2026                    |                       |

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