



**BUILDING CODE MANUAL  
COUNTY OF LOS ANGELES  
DEPARTMENT OF PUBLIC WORKS  
BUILDING AND SAFETY DIVISION  
Based on the 2014 LACBC**

**#148  
416  
Article 1  
05-01-15  
Page 1 of 3**

**SPRAY BOOTHS, SPRAY ROOMS, AND SPRAYING SPACES**

Flammable finish may be applied to many different articles, such as, automobiles, airplanes, buses, furniture, etc., in a spray booth, spray room, or spraying space. All spray booths, spray rooms, and spraying spaces shall be classified as Group F-1 Occupancy, provided each meets all the appropriate requirements of Section 416 of the Building Code and Chapter 24 of the Fire Code.

To distinguish the difference between the three, the following definitions from the Fire Code and clarification may be used:

**SPRAY BOOTH** - A mechanically ventilated appliance of varying dimensions and construction provided to enclose or accommodate a spraying operation and to confine and limit the escape of spray vapor and residue and to exhaust it safely.

- A. A spray booth is an appliance that is required to comply with Section 416.4 of the Building Code, Article 516 of the Electrical Code, Section 2404.3.2 of the Fire Code, and listed in accordance with NFPA 33.
- B. Means of egress shall be provided in accordance with Chapter 10 of the Building Code.
- C. Shall be installed so that all parts of the booth are readily accessible for cleaning. A clear space (free of any storage or combustible construction) of not less than 3 feet shall be maintained on all sides of the spray booth or if less than 3 feet to the adjacent wall, then the wall shall be 1-hour fire-resistance rated.
- D. If the spray booth is located within a building, then the aggregate area of the spray booth shall not exceed: a) 10 percentage of the area of any floor of a building or b) the basic area allowed for Group H-2 occupancy without any building area increases and the individual spray booth shall not exceed 1,500 square feet.
- E. Agency referrals may include, but not be limited to, Fire Prevention Bureau and South Coast Air Quality Management District. If the spray booth is not a listed appliance, then a referral to the Electrical Section is required for code plan check. If the spray booth is located outside the building, then a referral to the Department of Regional Planning is required.

**SPRAY ROOM** - A room designed to accommodate spraying operations constructed in accordance with the Building Code and separated from the remainder of the building by a minimum 1-hour fire barrier.

- A. Shall comply with Section 416.2 of the Building Code, Electrical Code, Mechanical Code, and Section 2404.3.1 of the Fire Code.
- B. Shall be protected by an approved automatic fire-extinguishing system complying with Chapter 9 of the Fire Code.
- C. Mechanical ventilation of flammable vapor areas shall be provided in accordance with Chapter 5 of the Mechanical Code.

- D. Agency referrals may include, but not be limited to, Environmental Programs Division, Department of Regional Planning, Fire Prevention Bureau, South Coast Air Quality Management District, Electrical Section, and Mechanical Section.

**SPRAYING SPACE** - An area in which dangerous quantities of flammable vapors or combustible residues, dusts or deposits are present due to the operation of spraying processes. The Fire Code Official is authorized to define the limits of the spraying space in any specific case.

- A. Shall comply with Section 416.3 of the Building Code, Electrical Code, Mechanical Code, and Sections 2404.3.3 and 2404.9 of the Fire Code.
- B. Shall be protected by an approved automatic fire-extinguishing system complying with Chapter 9 of the Fire Code.
- C. Mechanical ventilation of flammable vapor areas shall be provided in accordance with Chapter 5 of the Mechanical Code.
- D. Agency referrals may include, but not be limited to, Fire Prevention Bureau, South Coast Air Quality Management District, Electrical Section, and Mechanical Section.

New BCM

WRITTEN BY: JONATHAN LAM  
Senior Civil Engineer

REVIEWED BY: POLICY COMMITTEE

APPROVED BY:



HASSAN ALAMEDDINE  
Principal Engineer