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## **Standard for Spray Application and Flammable Finishes**

### **1. SCOPE**

This standard covers the permitting, installation, inspection, testing and maintenance of spray applications and flammable finishes in the City of Marysville as administered by the fire marshal. The currently adopted codes and standards shall govern these installations.

This standard applies to the following operations:

- Spray Finishing
- Dipping Operations
- Powder Coating

Spray application and flammable finishing shall meet the requirements of these codes and standards, unless specifically amended or noted otherwise, and as approved by the AHJ:

- A. The International Fire Code (IFC) as amended by the city and state.
- B. The International Building Code (IBC) as amended by the city and state.
- C. NFPA 17 Standard for Dry Chemical Extinguishing Systems and Appurtenances.
- D. NFPA 33 Standard for Spray Application Using Flammable or Combustible Materials.
- E. The Marysville Municipal Code (MMC) [Fire Code Chapter 9.04](#).

### **2. DESIGN REQUIREMENTS**

- A. Systems shall be designed according to the currently adopted codes.
- B. System designer qualifications as well as those performing routine inspection, testing, and maintenance (ITM) shall comply with currently adopted state codes with a current ICC/NAFED certification as well as NICET Special Hazards Suppression Systems certification.
- C. All construction documents shall be reviewed by a NICET Level III in Special Hazard Suppression Systems or a licensed PE in WA State, prior to permitting.
- D. All plans and calculations shall be stamped with a valid Washington State certificate seal identifying the appropriate level of competency.

### **3. SUBMITTAL REQUIREMENTS**

All plan submittals are required to be in digital format, shall be of sufficient clarity to indicate the location, nature and extent of the work proposed and show in detail that it will conform to the adopted codes and standards. The following shall be included in all submittals:

- A. Plans showing layout of protected area and surrounding areas, drawn to scale, digital format.
- B. Manufacturer specification sheets showing listed and compatible equipment with extinguishing system to be used.
- C. Specifications of hazard to be protected.

#### **4. PERMITS**

A fire permit is required for all fire system installation and modification work. The application for a fire construction permit is available through the City of Marysville's permitting services department. Approved plans and permit inspection cards shall be available onsite for the permitted work. A permit is only valid for the contractor and work designated by the permit.

#### **5. INSPECTIONS**

Fire inspections are required from the Marysville Fire District (MFD) for permitted work. **Scheduling Instructions:** please use the permit portal with the City of Marysville to request all fire inspections via: [eTRAKiT \(marysvillewa.gov\)](http://eTRAKiT.marysvillewa.gov). MFD will contact you to confirm appointment time. If you are not contacted by 5pm the business day prior to the requested date, or if you need to reschedule, please call (360)363-8525 and leave a voicemail. Approved plans and permit inspection cards must be available on site during inspections. The installing contractor shall pretest all systems prior to requesting an inspection. If fire code violations are noted, correction will be required for approval and a re-inspection fee will be assessed via permitting services.

#### **7. MAINTENANCE**

The installer shall provide to the owner/occupant instructions on inspecting, testing, and maintaining the system. The system shall be inspected and tested periodically to make sure they are in good working condition. All systems and their components shall be maintained and tested per WSFC and the manufacturers' manual.

#### **6. EMERGENCY REPAIR WORK**

A permit is required for repairs. Emergency repairs may begin without a permit provided the system configuration is not altered and a permit application is submitted the next working business day. A fire inspection is required for final approval of all repair work.

#### **8. DOCUMENTATION**

Contractor's performing inspection, testing, and maintenance (ITM) shall submit reports to TEGRIS FIRE within 10 days of completion of work.