

Seattle Fire Department

Permit Conditions

4505

Marine Spray Finishing (Above Permit Quantities)

1. Permits shall be kept on the premises designated herein at all times and shall be posted in a conspicuous location on the premises or shall be kept on the premises in a location designated by the chief. [SFC 105.3.5]
2. Safety data sheets shall be readily available on the premises for hazardous materials regulated by this permit. [SFC 5003.4]
3. Structures or enclosures used for marine spray finishing shall not be located within 16 feet of property lines, public ways or buildings unless the structure or enclosure is of a minimum one-hour fire resistive construction. [SFC. 105.3]
4. Electrical wiring, motors and other electrical equipment located outside of, but within 20 feet of, a marine spray finishing area and not separated from the spray area by a one-hour rated partition shall be of an explosion-proof type approved for use in a Class I, Division 1 or Class II, Division 1 hazardous location in accordance with the NFPA 70. [SFC 2403.2.1.1, 2403.2.1.2 & 2403.2.2]
5. Open flame and spark producing equipment shall not be located in, or within 20 feet of marine spray finishing areas unless separated by a one-hour rated partition. [SFC 2403.2.2]
6. No Smoking signs shall be posted throughout the marine spray finishing area and a no smoking policy shall be strictly enforced. Signs shall be readily visible from any point of public access. [SFC 2403.2.6]
7. Sources of illumination in marine spray finishing areas located within 10 feet of the watercraft shall be of an approved type in accordance with the National Electric Code. [SFC 2403.2 & 105.3]
8. Marine spray finishing areas shall be provided with mechanical exhaust ventilation designed in accordance with the Mechanical Code to handle flammable vapors and shall provide a minimum of six complete air changes per hour. [SFC 2404.7& 2404.9.3]
9. Heating of marine spray areas and drying of the finishes shall not be permitted until the area has been ventilated for a period of not less than three minutes, or until such time as flammable vapors are sufficiently purged. [SFC 2404.6.1.2.1#2]
10. Floor surfaces in marine spray finishing areas shall not be constructed of wood or other combustible materials unless the structure is protected by automatic sprinklers. [SFC 2404.3.4.1& 105.3]

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11. At least one unobstructed means of egress shall be maintained not more than 30 feet from the point of application. [SFC 105.3]
12. Marine spray finishing areas shall be kept free of the accumulation of overspray deposits and combustible material. Cleaning shall be conducted daily if necessary. [SFC 2403.4]
13. A fire extinguisher with a minimum rating of 4A-40BC shall be available within 30 feet of all marine spray finishing operations. [SFC 2404.4.1 & 105.3]
14. Original closed containers, approved portable tanks, approved safety cans or a properly arranged system of piping shall be used for bringing flammable or combustible liquids into spray-finishing areas. [SFC 2403.3]
15. Open containers and glass containers shall not be used. [SFC 2403.3.1]
16. When a flammable mixture is transferred from one portable container to another, a bond shall be provided between the two containers. [SFC 2403.3.4]
17. Storage and handling of flammable or combustible liquids shall be in accordance with Chapter 57. [SFC 2403.3]