

Seattle Fire Department

Permit Conditions

4505

Site Address: _____

Inspector: _____

Marine Spray Finishing (Above Permit Quantities)

NOTICE

This permit shall be kept on the premises designated herein at all times and shall be readily available for inspection by the fire code official. (SFC 105.3.5)

1. Safety data sheets shall be readily available on the premises for hazardous materials regulated by this permit. (SFC 5003.4)
2. 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)
3. 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)
4. 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)
5. 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)
6. 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)
7. 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)
8. 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)
9. 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 2404.3.2 & 105.3)
10. At least one unobstructed means of egress shall be maintained not more than 30 feet from the point of application. (SFC 105.3)
11. 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)
12. 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)

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13. 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)
14. Open containers and glass containers shall not be used. (SFC 2403.3.1)
15. 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)
16. Storage and handling of flammable or combustible liquids shall be in accordance with Chapter 57. (SFC 2403.3)