



FOR OFFICE USE ONLY
Permit #(s) _____
Date: _____

MONROE FIRE DEPARTMENT

163 Village Court • Monroe, WA 98272
Phone: (360) 794-7666 • Fax: (360) 794-0959
www.monroefire.org

SUBMIT TO: CITY OF MONROE PERMIT DEPARTMENT

806 West Main Street • Monroe, WA 98272
Phone: (360) 794-7400 • Fax: (360) 794-4007
www.ci.monroe.wa.us

SPRAYING OR DIPPING 105.6.41
OPERATIONAL PERMIT APPLICATION

An operational permit is required to conduct a spraying or dipping operation utilizing flammable or combustible liquids or the application of combustible powders regulated by Chapter 15.

Permit Submittal Hours Monday through Friday:

Building, Fire & Land Use permits: 9:00 am – 12:00 pm & 2:00 pm – 4:00 pm
Verify Current Fee Schedule with Permit Staff Before Submitting Application
http://www.monroefire.org/fire_marshall/forms/permit/fire_fee_schedule.pdf

THIS APPLICATION WILL NOT BE ACCEPTED WITHOUT COMPLETED SUBMITTAL REQUIREMENTS (SEE PAGE 2)

Site Address or Property Location: _____

Size of site (acre/square feet): _____

Assessor's Tax Parcel Number (14 digits): _____

Applicant: _____ Phone # (____) _____

*Signature: _____ Printed Name: _____

Mailing Address: _____ Fax # (____) _____

City _____ State _____ Zip _____ E-mail _____

Property Owner: _____ Phone # (____) _____

**Signature: _____ Printed Name: _____

Mailing Address: _____ Fax # (____) _____

City _____ State _____ Zip _____ E-mail _____

ATTACH A SEPARATE SHEET FOR ADDITIONAL PROPERTY OWNERS/ADDITIONAL ADDRESSES

*Applicant: By your signature above, you hereby certify that the information submitted is true and correct and that you are authorized by the property owner(s) to act on their behalf.**Property Owner(s): By your signature above, you hereby certify that you have authorized the above Applicant to make application on your behalf for this application.

Is this application a **Renewal of an Existing Operational Permit?**

Yes - Complete this Page Only

No - Continue to Page 3 for Submittal Requirements

RENEWAL SECTION (Complete this section only if this application is a renewal of an existing operational permit)

Permit # of Previous Operational Permit: (if known) _____

Describe all changes in the operations or hazards covered under this permit since this Operational Permit was last issued.

No Changes since Permit was last issued

Do not complete or attach other pages. Submit pages 1 and 2 of this application as your RENEWAL application, along with current permit fees (contact Permit Department for a fee estimate). A fire inspector will contact you at your place of business to conduct an inspection of the operations or hazards covered under this permit. After a satisfactory inspection of these operations your Operational Permit will be renewed.

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Plan Check Fee: \$ _____	Permit Fee: \$ _____
Fire Plan Check Fee: \$ _____	State Fee: \$ _____
Other Fees: \$ _____	SEPA Fee: \$ _____

SUBMITTAL REQUIREMENTS

OPERATIONAL PERMIT – IFC 105.6.11

PART 1 – Indicate the operation(s) being performed:

<input type="checkbox"/>	SPRAY FINISHING
<input type="checkbox"/>	DIPPING OPERATIONS
<input type="checkbox"/>	POWDER COATING
<input type="checkbox"/>	ELECTROSTATIC APPARATUS
<input type="checkbox"/>	ORGANIC PEROXIDES AND DUAL-COMPONENT COATINGS
<input type="checkbox"/>	INDOOR MANUFACTURING OF REINFORCED PLASTICS
<input type="checkbox"/>	FLOOR SURFACING AND FINISHING OPERATIONS

- a. Ensure that the following requirements are met for all operations listed above:
- i. Open flames and spark producing devices are located a minimum of 20 feet away.
 - ii. Spray booths, exhaust ducts, and piping conveying class I or II liquids are electrically grounded.
 - iii. “NO SMOKING” signs are conspicuously posted.
 - iv. If welding is performed in same occupancy, ensure that the following sign is posted:

NO WELDING
 THE USE OF WELDING OR CUTTING
 EQUIPMENT IN OR NEAR THIS AREA
 IS DANGEROUS BECAUSE OF FIRE
 AND EXPLOSION HAZARDS. WELDING
 AND CUTTING SHALL BE DONE ONLY
 UNDER THE SUPERVISION OF THE
 PERSON IN CHARGE.
 - v. Approved metal waste cans equipped with self-closing lids shall be used to dispose of rags or waste that is impregnated with finishing material.
 - vi. Ensure that all fire sprinkler systems and automatic fire-extinguishing systems have been inspected and tagged by a qualified person. Certification good for one year from tagged date. This will be field verified.
 - vii. Verify that all Fire Alarm systems have been tested / inspected within the last calendar year. The Fire Alarm test/inspection is good for a year from the tested date.
 - viii. Check fire extinguishers to be sure that they have been inspected and tagged by a qualified person. Certification good for one year from tagged date. Note: Minimum size and locations of extinguishers is one 40B every 30 feet or one 80B every 50 feet.

PART 2 – Prior to inspection, perform necessary corrections in the applicable sections below. NOTE: Some operations may be considered existing / non-conforming and as such may be exempt from some of these regulations (unless life-safety is compromised).

1. SPRAY FINISHING

- a. Ensure that a clear space not less than 3’ is maintained on the sides of the booth. Note: If the booth can be maintained from the inside this is not required.
- b. Ensure sprinkler heads in the spray booth and ductwork do not have any accumulations of residue. Bags used to cover the sprinkler heads shall be .003 inch thick polyethylene or cellophane or be thin paper.
- c. Ensure that the spray gun interlocks are functioning.
- d. Ensure that the manometer is functioning.

2. DIPPING OPERATIONS

- a. Ensure that the interlocks for dip tanks using a conveyor system operate. In the event of a fire the conveyor system shall automatically cease motion and the required tank bottom drains shall open.

3. POWDER COATING

- a. Ensure that all flame detector apparatus have been inspected and tested. Flame detector apparatus shall accomplish the following:
 1. Shutting down of energy supplies (electrical and compressed air) to conveyor, ventilation, application, transfer and powder collection equipment.
 2. Closing of segregation dampers in associated ductwork to interrupt airflow from application equipment to powder collectors.
 3. Activation of an alarm that is audible throughout the powder coating room or booth.

4. ELECTROSTATIC APPARATUS

- a. Ensure that the sign stating the sparking distance is conspicuously posted near the assembly.
- b. Ensure that all flame detector apparatus have been inspected and tested. Flame detector apparatus shall accomplish the following:
 1. Activation of a local alarm in the vicinity of the spraying operation and activation of the building alarm system, if such a system is provided.
 2. Shutting down of the coating material delivery system.
 3. Termination of all spray application operations.
 4. Stopping of conveyors into and out of the flammable vapor areas.
 5. Disconnection of power to the high-voltage elements in the flammable vapor areas and disconnection of power to the system.
- c. Ensure that signs are posted to provide the following information:
 1. Designate the process zone as dangerous with respect to fire and accident.
 2. Identify the grounding requirements for all electrically conductive objects in the flammable vapor area, including persons.
 3. Restrict access to qualified personnel only.
- d. Hand electrostatic equipment shall be interlocked with the ventilation system for the spraying area so that the equipment cannot be operated unless the ventilating system is in operation. Ensure that the interlocks operate.

5. ORGANIC PEROXIDES AND DUAL-COMPONENT COATINGS

- a. Ensure that Personnel working with organic peroxides and dual-component coatings shall be specifically trained to work with these materials.

6. INDOOR MANUFACTURING OF RE-INFORCED PLASTICS

- a. Ensure that the sprinkler system design is not less than that required for Ordinary Hazard, Group 2, with a minimum design area of 3,000 square feet (279 m²).
- b. Ensure that a noncombustible, open-top container is provided for disposal of excess catalyzed resin. Excess catalyzed resin shall be drained into the container while still in the liquid state. Enough water shall be provided in the container to maintain a minimum 2-inch (51 mm) water layer over the contained resin.
- c. Ensure that in areas where chopper guns are used, exposed wall and floor surfaces shall be covered with paper, polyethylene film or other approved material to allow for removal of overchop. Overchop shall be allowed to cure for not less than 4 hours prior to removal. Following removal, used wall and floor covering materials required by Section 1509.4.2 shall be placed in a noncombustible container and removed from the facility.

7. FLOOR SURFACING AND FINISHING OPERATIONS

- a. Note: If area to be re-surfaced and finished is less than 350 square feet, the purchase of this permit is not required.
- b. Ensure that all heating, ventilation and air-conditioning systems are not operated during resurfacing or refinishing operations or within 4 hours of the application of flammable or combustible liquids.
- c. Floor surfacing and finishing operations shall not be conducted while an establishment is open to the public.
- d. The power shall be shut down to all electrical sources of ignition within the flammable vapor area, unless those devices are classified for use in Class I, Division 1 hazardous locations.
- e. To prevent the accumulation of flammable vapors, mechanical ventilation at a minimum rate of 1 cubic foot per minute per square foot [$0.00508 \text{ m}^3 / (\text{s} * \text{m}^2)$] of area being finished shall be provided. Such exhaust shall be by approved temporary or portable means. Vapors shall be exhausted to the exterior of the building.

NOTE: A FIELD INSPECTION WILL BE PERFORMED TO DETERMINE ANY ADDITIONAL REQUIREMENTS.