



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

MAGNESIUM 105.6.28
OPERATIONAL PERMIT APPLICATION

An operational permit is required to melt, cast, heat treat or grind more than 10 pounds (4.54 kg) of magnesium.

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: _____

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.

FOR OFFICE USE ONLY

Plan Check Fee: \$ _____ Permit Fee: \$ _____
Fire Plan Check Fee: \$ _____ State Fee: \$ _____

SUBMITTAL REQUIREMENTS

OPERATIONAL PERMIT – IFC 105.6.28

NOTE: The storage of a flammable solid requires a hazardous materials operational permit to be obtained.

- a. Indicate the quantity (in LBS) of magnesium that will be melted, casted, heat treated or ground. _____ LBS.

Note: The following are the maximum quantity allowed per control area as indicated.

	INDOORS (lbs)		OUTDOORS (lbs)	
	Closed system	Open System	Closed system	Open System
No sprinkler system	125	25	250	50
With sprinkler system	250	50	N/A	

- b. Indicate if the work will be done indoors or outdoors. ___indoors ___outdoors

- c. Indicate if the occupancy has an automatic sprinkler system. ___yes ___no

- d. Indicate if the floors under and around melting pots are of noncombustible construction. ___ yes ___no

- e. Indicate the approved means provided for control of magnesium fires in heat-treating ovens.

- f. Indicate the approved dust collection method utilized for collection of grinding, buffing and wire brushing operations.

- g. Verify that the power supply to machines is interlocked with exhaust flow and liquid pressure level or flow. This interlock shall be designed to shut down the machine it serves when the dust removal or separator system is not operating properly.

- h. Verify that the equipment is grounded by permanent ground wires.

- i. Verify that every operator performing machining, grinding, or other processing operation has fire extinguishing materials as follows:

- i. Within 30 feet (9144 mm), a supply of extinguishing materials in an approved container with a hand scoop or shovel for applying the material; or

- ii. Within 75 feet (22 860 mm), a portable fire extinguisher complying with the following: The extinguisher(s) shall be located in a conspicuous location, unobstructed and unobscured, mounted on the approved bracket/hanger, or housed in a cabinet.

NOTE: All extinguishing materials shall be approved for use on magnesium fires. Where extinguishing materials are stored in cabinets or other enclosed areas, the enclosures shall be openable without the use of a key or special knowledge.

- j. Verify that chips, turnings, and other fine magnesium scrap is collected from the pans or spaces under machines and from other places they collect at least once each working day. Such materials shall be placed in a covered, vented steel container and removed to an approved location.
- k. 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.
- l. Verify that the Fire sprinkler system(s) have been tested / inspected within the last calendar year. The Fire Sprinkler System test/inspection is good for a year from the tested date.
- m. 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: A FIELD INSPECTION WILL BE PERFORMED TO DETERMINE ANY ADDITIONAL REQUIREMENTS.