



Application for Permit for  
Aboveground Storage of  
Flammable and Combustible Liquids

Maine Department of Public Safety  
**Office of the State Fire Marshal**  
52 State House Station  
Augusta, Maine 04333-0052  
(207) 626-3880  
(207) 287-6251 (fax)  
mainefiremarshal.com

Copy this form as needed.  
Use additional sheets as needed.

Permit #:
Date Issued:
Site Permanent ID#:
<b>ACTION:</b> <input type="checkbox"/> Approved per plan <input type="checkbox"/> Approved per plan and inspection <input type="checkbox"/> Denied By: _____ Date: _____
<b>FEE:</b> Amount: _____  Date Received: _____  Check Number: _____

<b>Facility:</b>		
Name of Facility:	DEP Registration # (if any):	
Location of Facility:		
City/Town:	County:	Legal Address:
Facility Telephone:	Contact Person:	Contact Telephone:

<b>Owner/Permit Holder:</b> (Information that is to appear on Permit)		
Name of Owner or Permit Holder:		
Mailing Address:		
City/Town:	State:	Zip Code:
Owner Telephone:	Fax:	E-mail/Other:

<b>Applicant:</b>		
Name of Applicant:		
Mailing Address:		
City/Town:	State:	Zip Code:
Applicant Telephone:	Fax:	E-mail/Other:
<b>APPLICANT'S SIGNATURE:</b>		<b>DATE:</b>
<input checked="" type="checkbox"/> Original Permit to Owner/Permit Holder <input type="checkbox"/> Duplicate Permit for Facility. (A copy of the permit must be available at the facility) <input type="checkbox"/> Copy of Permit to Applicant <input checked="" type="checkbox"/> Copy of Permit to Fire Department		

<b>Fee:</b>
<input type="checkbox"/> \$ 15.00 Fee for Permit for Aboveground Storage of Flammable and Combustible Liquids

<b>Application Type:</b>	
<input type="checkbox"/> New Facility (No existing permits)	<input type="checkbox"/> Change of Facility (Indicate Change Below)
<input type="checkbox"/> Existing Facility ( <b>Enclose copy of existing permit</b> )	<b>(Enclose copy of existing permit)</b>
<input type="checkbox"/> Change of Ownership ( <b>Enclose copy of existing permit</b> )	<input type="checkbox"/> Addition or Removal of Tank
	<input type="checkbox"/> Replacement of Tank
	<input type="checkbox"/> Change of Product

Application for Permit for Aboveground Storage of Flammable and Combustible Liquids

Facility Name:

Facility Location:

Date of Application:

Size of Facility:

<input type="checkbox"/>	Greater than 1320 gallons; Federal EPA Spill Prevention Control and Countermeasures plan is required.
<input type="checkbox"/>	Less than 1320 gallons; Plans do not have to be certified by a professional engineer.
<input type="checkbox"/>	Greater than 1320 gallons; Plans must be certified by a Professional Engineer.

Use of Tank Facility:

<input type="checkbox"/> Fueling Facility <input type="checkbox"/> Private (Serves vehicles owned or operated by the permit holder, only) <input type="checkbox"/> Public <input type="checkbox"/> Service Station (Major or Minor repairs done on site.) <input type="checkbox"/> Other (Convenience Store, etc.) Specify: _____ <input type="checkbox"/> Automotive <input type="checkbox"/> Aviation <input type="checkbox"/> Marine <input type="checkbox"/> Other Specify: _____	<input type="checkbox"/> Bulk Storage <input type="checkbox"/> Equipment Supply (Directly connected to a day tank or fixed location equipment) <input type="checkbox"/> Container Storage (Storage is in approved portable containers, not permanent tanks.) <input type="checkbox"/> Other Specify: _____
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Use of Property

<input type="checkbox"/> Wholesale Oil (Bulk Plant)	<input type="checkbox"/> Chemical Storage
<input type="checkbox"/> Retail Oil (Service Station, Convenience Store, Marina, Airport)	<input type="checkbox"/> Industrial
<input type="checkbox"/> Private Fueling	<input type="checkbox"/> Farm
<input type="checkbox"/> Single Family Dwelling	<input type="checkbox"/> Federal Facility
<input type="checkbox"/> Multiple Family Dwelling (Includes Nursing Homes)	<input type="checkbox"/> State Facility
<input type="checkbox"/> Public Facilities (Includes Places of Assembly)	<input type="checkbox"/> Town Facility and Schools

Additional Requirements:

Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>		Are permits from another agency or jurisdiction required for this facility?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	If permits are required from another agency or jurisdiction, have they been obtained?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	If permits are required from another agency or jurisdiction, have they been applied for?
<input type="checkbox"/>	<input type="checkbox"/>		Is there any underground piping at the facility?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Does the underground piping comply with Maine Department of Environmental Protection rules? What is the DEP Registration number, if any? _____
<input type="checkbox"/>	<input type="checkbox"/>		Is a Federal EPA Spill Prevention Control and Countermeasures (SPCC) Plan required for this facility? (A SPCC is required for any facility with an aggregate capacity greater than 1320 gallons, see 40 CFR 112, Code of Federal Regulations)
<input type="checkbox"/>	<input type="checkbox"/>		Is there a SPCC for this facility?
<input type="checkbox"/>	<input type="checkbox"/>		Is a SPCC being prepared for this facility?
Is any tank or piping located:			
<input type="checkbox"/>	<input type="checkbox"/>		Within 300 feet of a private water supply?
<input type="checkbox"/>	<input type="checkbox"/>		Within 1000 feet of a public water supply?
<input type="checkbox"/>	<input type="checkbox"/>		On or above a significant sand and gravel aquifer mapped by the Maine Geological Survey?

Facility Name:

Date of Application:

**Tank Specifications:**

Tank Identification Number					
Chamber Identification (if any)					
Tank or Chamber Capacity (U. S. Gallons)					
Product Name					
Is the Product Under Pressure?					
Is the Tank Approved/Listed for Use as an Aboveground Storage Tank?					
Is the Tank Approved/Listed for Use with the Product?					
Is the Tank HORIZONTAL or VERTICAL?					
Are Support Structures 12" or Less at the Lowest Point?					
If "No", do the Support Structures Have a Minimum Fire Resistance Rating of 2 Hours?					
Type of Secondary Containment:					
Double Wall Tank (12,000 gallons or less)					
Dike, Concrete					
Dike, Earth, with Impervious Liner					
Remote Impounding with Impervious Liner					
Capacity of Dike or Remote Impounding					
Type of Overfill Protection					
Does Fill Pipe Terminate Within 6" of the bottom of the Tank?					
Normal Vent (Type and Size)					
Emergency Vent (Type and Size)					
Is Electrical Wiring Approved for Use in the Specified Hazard Area?					
Type of Leak Detection, if any					
Marking of Tanks:					
Product Name					
Hazard Classification (Flammable or Combustible)					
Color Code (if any)					
"NO SMOKING"					
Is There Weather Protection for the Tank? (Canopy or Roof, No More Than 50 % Total Wall Area Enclosed)					
Is the Tank Inside a Building? (More Than 50 % Total Wall Area Enclosed; Additional Building Requirements Apply)					
Is the Tank in a Vault? (Concrete Enclosure Including Roof, Totally Enclosing the Tank; A Concrete Dike Is Not A Vault.)					
If "YES", Is the Vault Listed By a nationally Recognized Testing laboratory?					
Type of Protection from Vehicle Collision Damage					
Type of Security (Fence Around Tanks, Fence Around Property, Locks On Dispensers, etc.)					
Distance From Tank to:					
Nearest Important Building					
Property Lines					
Nearest Side of Public Way					
Opposite Side of a Public Way					
Dispensers					
Other Tanks (No Less Than 3 Feet)					
Propane Storage (No Less Than 20 Feet)					
(See 16-219 Ch. 34, Appendix B, Table 4.3.2.4 for requirements for Public Fueling Facilities, 16-219, Ch. 34, Appendix A, Table 4.3.2.1.1 (b) for other facilities)					
Type of Pump (Suction or Pressure)					
Manufacturer of Tank					
Tank is constructed of (steel, etc.):					
Piping is constructed of (steel, fiberglass, etc.):					
Is the Facility in a Recognized Flood Zone?					

Facility Name:

Facility Location:

Date of Application:

**Site Plan**

<b>Show the Following on this Plan:</b>			Indicate <b>NORTH</b> With Arrow
Location of:		Distance From Tanks To:	
Tanks and Dikes	Security Fences	Buildings	
Buildings	Electrical Controls & Equipment	Property Lines	
Property Lines	Emergency Electrical Shut Off	Public Ways	
Dispensers	Fire Extinguishing Equipment	Other Tanks	
Propane Storage	Loading & Unloading Piping	Dispensers	
Collision Protection	Leak Sump Detection	Propane Storage	

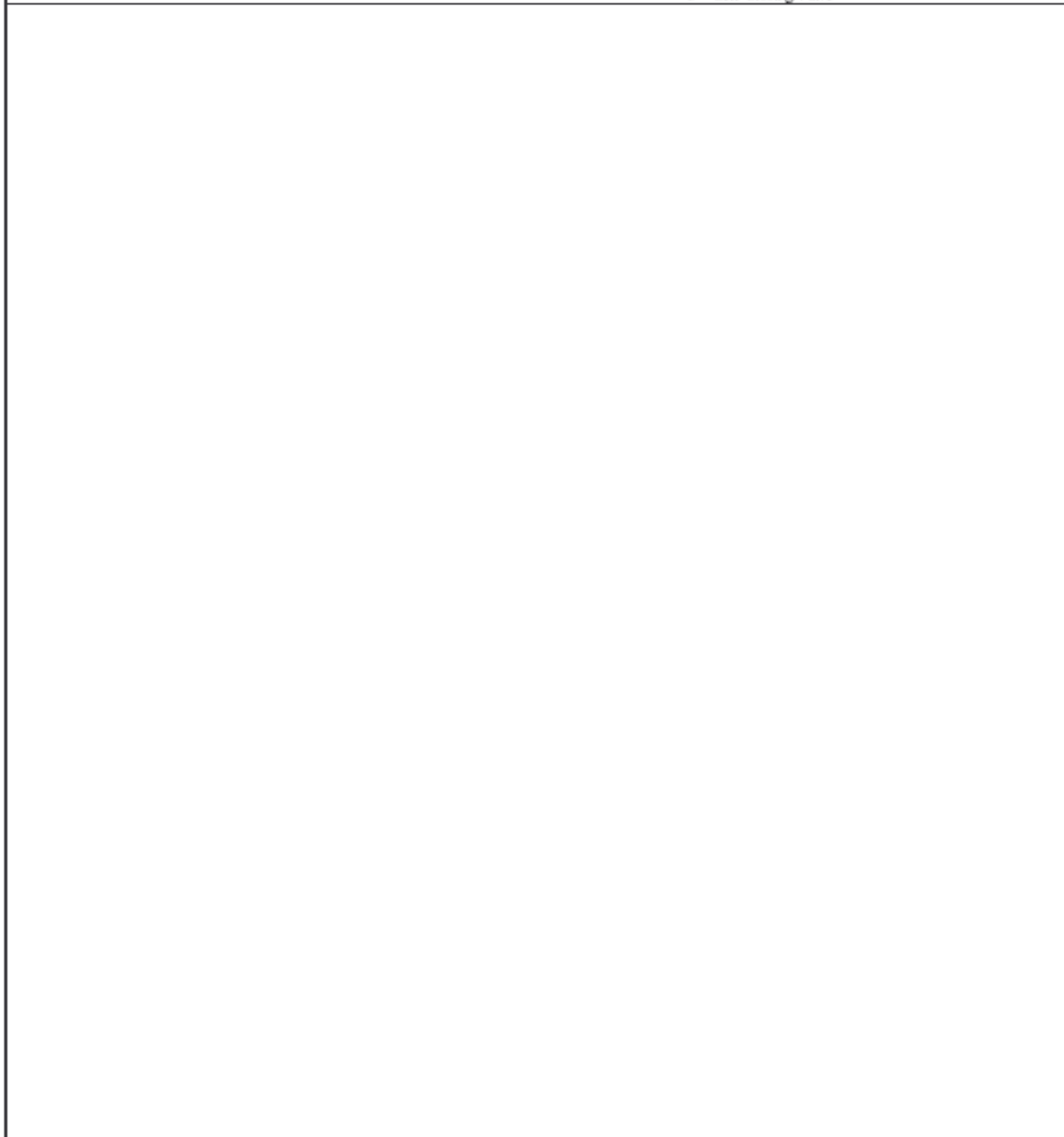
Facility Name:

Date of Application:

**Cross Section and Elevation Plan**

**Show the Following on This Diagram:**

- |                                   |                                   |                          |                       |  |
|-----------------------------------|-----------------------------------|--------------------------|-----------------------|--|
| <b>A</b> Base Material            | <b>C</b> Tanks                    | <b>D</b> Venting         | <b>E</b> Piping       | <b>G</b> Marking/Color Code<br>(on tanks and piping)     |
| <b>B</b> Tank Supports            | 1 Supports                        | 1 Normal Vents           | 1 Pipe Routing        | 1 Product Name   |
| <b>C</b> Secondary Containment    | 2 Protection                      | a Type & Size            | 2 Pipe Connections    | 2 Hazard Classification<br>(Flammable or<br>Combustible) |
| 1 Construction Material           | a Fire Extinguishing<br>Equipment | b Height Above<br>Ground | 3 Valves              | 3 Other:<br>NFPA 704 system<br>DOT Placard               |
| 2 Inside Dimensions &<br>Capacity | b from Flood                      | c Supports               | 4 Solenoids           |  |
| 3 Drain                           | c from Collision                  | 2 Emergency              | 5 Supports            |  |
|                                   | d from Tampering                  | a Type & Size            | 6 Break-away device   |  |
|                                   |                                   |                          | <b>F</b> Loading Dock |  |
|                                   |                                   |                          | 1 Vehicle Containment |  |
|                                   |                                   |                          | 2 Bonding Connection  |  |
|                                   |                                   |                          | 3 Self-Closing Valve  |  |



## INSTRUCTIONS for Application for Permit for

### Aboveground Storage of Flammable and Combustible Liquids

Requirements for Aboveground Storage of Flammable and Combustible Liquids are found in Title 25, MRSA §2481 et seq., 16-219 CMR Chapter 34, NFPA 30, NFPA 30-A, NFPA 385, and other referenced codes and standards.

Place the "Name of Facility", "Location of Facility", and "Date of Application" in the spaces provided at the top of each page so pages do not get lost while they are separated for photocopying.

1. Location of Facility: Must be sufficiently specific that an inspector can drive right to the facility. Include directions and/or a map if necessary.
2. Legal Address: Name of actual city or town where facility is located. For example, Trevett is actually in Boothbay; legal Address would be Boothbay.
3. Name of owner or Permit Holder: The name as you want it to appear on the permit.
4. Fee: The fee must be received with the application.
5. New Facility: A facility that **HAS NOT HAD A PERMIT** in the past, no matter how long it has been in existence.
6. Existing Facility: A facility that has had a permit in the past. **ENCLOSE A COPY OF THE PAST PERMIT.**
7. Plans and Specifications: **If the aggregate capacity of the facility is greater than 1320 gallons, the plans MUST BE CERTIFIED BY A PROFESSIONAL ENGINEER.** Plans for a facility not more than 1320 gallons do not require an engineer's certification, but they must be clear and show all the required information. Plans must show the information listed on the attached plan pages of this application. Plans prepared for a SPCC plan can be used if they clearly show the information listed on the plan pages. **If plans and specifications are clear or complete, a permit may be issued based on the plans and specifications. If the plans and specifications are NOT clear or complete, a site visit will be required which will add a substantial time delay in deciding if a permit should be issued.**
8. Equipment Supply: Tank supplies fixed equipment such as a generator or fire pump. Aboveground storage tanks connected to household furnaces or boilers are regulated by the Dept. of Business Regulation, Oil & Solid Fuel Board.
9. Tank Identification Number: Number YOU will use to refer to the tank. This number will be used on the diagrams as well.
10. Chamber Identification Number: Number YOU will use to refer to the chamber if the tank has more than one chamber. This number will be used on the diagrams as well. This does NOT apply to the interstitial space of a secondary containment tank.
11. Are Support Structures 12" or less at the lowest point?: If support structures are more than 12" high at the lowest point, they must be protected to achieve at least a 2 hour fire resistance rating so the tank supports will not fail. If the bottom of the tank is less than 12" above the pad, the installation meets this requirement.
12. Marking of Tanks: Gasolines are "Flammable"; Diesel, Kerosene, and k-1 are "Combustible". "On Road" and "Off Road" are taxation issues and do not affect the fire characteristics of the product. For the purposes of this permit, that distinction is not considered.
13. Weather Protection: Weather Protection is not required. If it is provided, it must be included on this application. A new application will be required if you decide later to add weather protection. If more than 50 % of the total wall area is enclosed, the structure is classified as a building and strict requirements apply to it. A roof or canopy must be no less than 3 feet above the top of the tank. The normal vent must extend above the roof or canopy. Weather protection must allow natural ventilation and access for firefighting.
14. Storage Tank Building: A building that encloses more than 50 % of the wall area must have a 2 hour fire resistance rating, exiting, emergency lighting, and alarm system in compliance with life Safety Code NFPA 101, and mechanical venting.
15. Structures: Any structure in a diked area, ladder, cat walk, pump house, etc. must be constructed of **NONCOMBUSTIBLE** materials, not wood.
16. Vault: A vault is a concrete structure totally enclosing the tank. A concrete vault is NOT a vault. Setback distances can be reduced if the tank is placed in an approved vault.
17. Earthen Dikes and Remote Impounding areas require an "Impervious Layer" to prevent product from soaking into the ground.
18. Drains for dikes **MUST BE KEPT CLOSED AT ALL TIMES**, except when being watched during draining operations.
19. Propane may not be stored in a diked area for storage of flammable or combustible liquids.
20. No storage is allowed in a diked area. The area must be kept clear of combustible materials including vegetation and trash.
21. A permit based on this application is **NOT VALID** if the facility is not built according to these plans and specifications.
22. A new permit is required if the facility is to be changed from what is described on this application.
23. A permit based on this application does not exempt a facility from any rules or requirements of any other agency or jurisdiction.
24. No other agency or jurisdiction can waive the rules or requirements of the Office of the State Fire Marshal.
25. A copy of the permit must be available at the facility for examination by an inspector of the Office of the State Fire Marshal.



# Construction Permit Fee Schedule

Department of Public Safety  
State Fire Marshal's Office  
52 State House Station  
Augusta, Maine 04333-0052

Tel: 207-626-3870  
Fax: 207-287-6251

Make Check Payable to: "Treasurer, State of Maine"

## New Construction

### Permit Fee

- \$.05/ square foot of occupied space
- \$.02/ square foot for bulk storage occupancies

Renovations exceeding 80% of occupied space are considered to be new construction.  
Public schools, (K-12), follow the renovation fee schedule below.

## Renovations

Permit Fee	Construction Cost
\$25.00.....	For under.....\$10,000.00
\$50.00 .....	From.....\$10,000.00
	but less than .....\$20,000.00
\$75.00 .....	From.....\$20,000.00
	but less than .....\$50,000.00
\$100.00 .....	From.....\$50,000.00
	but less than .....\$100,000.00
\$150.00 .....	From.....\$100,000.00
	but less than .....\$500,000.00
\$200.00 .....	From.....\$500,000.00
	but less than .....\$1,500,000.00
\$250.00 .....	From.....\$1,500,000.00
	but less than .....\$2,250,000.00
\$350.00 .....	From.....\$2,250,000.00
	but less than .....\$3,000,000.00
\$450.00 .....	From.....\$3,000,000.00

### Title 25 Section §2450

\$50.00.....For a Plan Review to acquire only an **Approval Letter**.

(This may be obtained only when a permit is not required by the State.)

(8-23-04)

