

City of Portland, Maine - Building or Use Permit Application

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 06-1169	Issue Date: PERMIT ISSUED AUG 15 2006	CBL: B003001
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Location of Construction: 222 AUBURN ST	Owner Name: SMITH ROBERT H & MARTHA	Owner Address: 54 LEXINGTON AVE	Phone: []
Business Name:	Contractor Name: Down East Energy	Contractor Address: 172 Main Street South Portland	Phone: 2077995585
Lessee/Buyer's Name	Phone:	Permit Type: Tanks - Commercial	Zone: CITY OF PORTLAND

Past Use: Commercial	Proposed Use: Commercial Install a 57 gal tank	Permit Fee: \$30.00	Cost of Work: \$30.00	CEO District: 5
Proposed Project Description: Install a 57 gal tank		FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: <i>TANK</i> Type: <i>Other</i>	
		Signature: <i>[Signature]</i>		Signature: <i>[Signature]</i>
PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)				
Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied				
Signature: _____ Date: _____				

Permit Taken By: dmartin	Date Applied For: 08/04/2006	Zoning Approval		
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1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules. 2. Building permits do not include plumbing, septic or electrical work. 3. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work..	Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> Date: _____	Zoning Appeal <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied Date: _____	Historic Preservation <input type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Date: _____
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CERTIFICATION

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHONE

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Business Name:	Contractor Name: Down East Energy	Contractor Address: 172 Main Street South Portland	Phone (207) 799-5585
Lessee/Buyer's Name	Phone:	Permit Type: Tanks - Commercial	

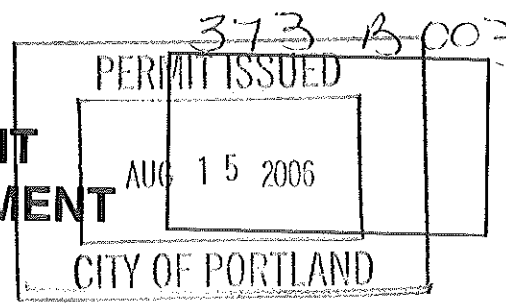
Proposed Use: Commercial Install a 57 gal tank	Proposed Project Description: Install a 57 gal tank
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Dept: Building	Status: Approved with Conditions	Reviewer: Mike Nugent	Approval Date: 08/14/2006
Note:	Ok to Issue: <input checked="" type="checkbox"/>		
1) Must comply with State Gas regs/ NFPA regs.			



FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

The undersigned hereby applies for a permit to install the following heating, cooking or power equipment in accordance with the Laws of Maine, the Building Code of the City of Portland, and the following specifications:

Location / CBL 222 Auburn Use of Building Public Date _____
 Name and address of owner of appliance Robert Smith 222 Auburn St Portland
 Installer's name and address Power Fuel Energy 170 Main St South Portland Telephone 734-5585

Location of appliance:

- Basement
- Floor
- Attic
- Roof

Type of Fuel:

- Gas
- Oil
- Solid

Appliance Name: _____

U.L. Approved Yes No

Will appliance be installed in accordance with the manufacture's installation instructions? Yes No

IF NO Explain: _____

The Type of License of Installer:

- Master Plumber # _____
- Solid Fuel # _____
- Oil # _____
- Gas # _____
- Other _____

Type of Chimney:

- Masonry Lined
Factory built _____
- Metal
Factory Built U.L. Listing # _____
- Direct Vent
Type _____ UL# _____

Type of Fuel Tank

- Oil
- Gas

Size of Tank 57

Number of Tanks 1

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$ 30000

Permit Fee: \$ _____

Approved

Approved with Conditions

Fire: _____

Ele.: _____

Bldg.: _____

- See attached letter or requirement

Signature of Installer

Inspector's Signature

Date Approved

White - Inspection

Yellow - File

Pink - Applicant's

Gold - Assessor's Copy

▲ WARNING ▲

▲ Gaseous fuels such as natural gas and liquid propane (LP) gas are highly explosive. Even the slightest spark can ignite such fuels and cause an explosion. No leakage of fuel is permitted. Natural gas, which is lighter than air, tends to collect in high areas. LP gas is heavier than air and tends to settle in low areas.

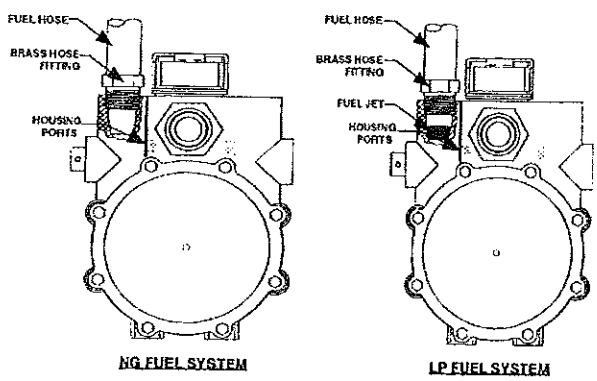
1.8 RECONFIGURING THE FUEL SYSTEM

◆ 1.8.1 7 kW

To reconfigure the fuel system from NG to LP, follow these steps:

1. Turn the main gas supply off.
2. Remove the carburetor fuel hose from the outlet port of the demand regulator (Figure 1.4).
3. Disconnect wire #0 and wire #14 from the gas solenoid located on the top of the demand regulator.
4. Remove the demand regulator by rotating counterclockwise.
5. Remove the brass hose fitting from the outlet port of the demand regulator located in housing port on the side of the regulator.
6. Remove the brass metering jet (loosen counterclockwise) from the outlet port of the demand regulator located in housing port on the side of the regulator.
7. Install a new LP metering jet (tighten clockwise) in the outlet port of the demand regulator located in housing port on the side of the regulator.
8. Refit the brass hose fittings to the outlet port of the demand regulator.
9. Reverse procedure steps 1-4 to reinstall demand regulator.
10. Reverse the procedure to convert back to natural gas.

Figure 1.4 -- Demand Regulator (7 kW)



NOTE:

The natural gas adjustment screw is preset during installation and should not need any further adjustment.

◆ 1.8.2 V-TWIN

To reconfigure the fuel system from NG to LP, follow these steps:

NOTE:

The primary regulator for the propane supply is **NOT INCLUDED** with the generator. You must supply a fuel pressure of 11 to 14 inches of water column (0.6 psi) to the fuel inlet of the generator.

1. Locate the fuel demand regulator underneath the control panel.
2. Identify both fuel adjustment screws.

NOTE:

One adjustment screw can be accessed from the front of the unit and the second can be accessed from the back of the unit.

3. The unit has been factory set to run on NG fuel. To reset the system to run on LP fuel, turn the two adjustment screws 1/2 turn clockwise. Use a large screwdriver to make this adjustment. Be sure to replace the plastic plug in the back of the enclosure once the adjustment has been made.
4. The fuel system will now allow the engine to run on LP fuel. It may be necessary to make minor adjustments to the set screw settings to achieve maximum power. If you experience problems with the unit producing maximum power, follow the procedure in Section 2.6 (Adjusting the Regulator).

1.9 LOCATION

◆ 1.9.1 GENERATOR

Install the generator set, in its protective enclosure, outdoors, where adequate cooling and ventilating air is always available. Consider these factors:

- Install the unit where air inlet and outlet openings will not become obstructed by leaves, grass, snow, etc. If prevailing winds will cause blowing or drifting, you may need to consider using windbreak to protect the unit.
- Install the generator on high ground where water levels will not rise and endanger it.
- Allow sufficient room on all sides of the generator for maintenance and servicing. A good rule is to allow 3 feet of space on all sides.
- Where strong prevailing winds blow from one direction, face the generator air inlet openings to the prevailing winds.

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