

City of Portland, Maine - Building or Use Permit Application

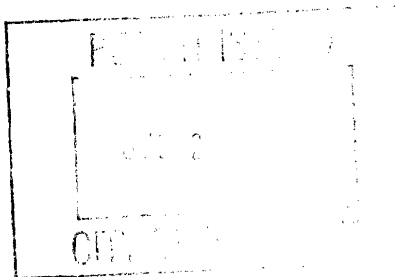
389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 08-0810	Issue Date:	CBL: 293 D014001
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Location of Construction: 844 STEVENS AVE	Owner Name: MCLEOD SCOTT A ETAL	Owner Address: 21 CORNERSTONE DR	Phone:
Business Name:	Contractor Name: Provencher Fuels, Inc	Contractor Address: 39 Cleaves ST. Biddeford	Phone 2072848068
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: B-2

Past Use: Commercial	Proposed Use: Commercial - install a Buderus Boiler in basement	Permit Fee: \$140.00	Cost of Work: \$12,000.00	CEO District: 5
Proposed Project Description: install a Buderus Boiler in basement		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: <input checked="" type="checkbox"/> Type: HVAC	
		Signature: <i>Greg Cass</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: ldobson	Date Applied For: 07/01/2008	Zoning Approval		
<ol style="list-style-type: none">This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.Building permits do not include plumbing, septic or electrical work.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	Zoning Appeal	Historic Preservation
		<input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan Major <input type="checkbox"/> Minor <input type="checkbox"/> MIM <input type="checkbox"/> Date: <i>7/3/08</i>	<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:	<input checked="" 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: <i>[Signature]</i>

**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



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 844 STEVENS AVE Use of Building COMMERCIAL Date 7/1/68
Name and address of owner of appliance JAMES ASCANIO
14 BIRKDALE RD FALMOUTH ME
Installer's name and address PROVENCER FUELS 139 CLEVES ST
BIDDEFORD MAINE 04005 Telephone 284-8068

Location of appliance:

- ☒ Basement ☐ Floor
☐ Attic ☐ Roof

Type of Fuel:

- ☒ Gas ☐ Oil ☐ Solid

Appliance Name: BUDERUS BOILER

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 # MS 30001177
☒ Oil # MS 30001177
☒ Gas # PNT 4782
☐ Other _____

Type of Chimney:

- ☐ Masonry Lined
Factory built _____

- ☒ Metal STAINLESS 316 L
Factory Built U.L. Listing # TPNS 5.51313

- ☐ Direct Vent
Type _____ UL# _____

Type of Fuel Tank

- ☐ Oil
☐ Gas

Size of Tank _____

Number of Tanks _____

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$ 12,000

Permit Fee: \$ 140

Approved

Approved with Conditions

Fire: _____

Ele.: _____

Bldg.: _____

- ☐ See attached letter or requirement

Inspector's Signature _____

Date Approved _____

Signature of Installer Roger Provencer

White - Inspection

Yellow - File

Pink - Applicant's

Gold - Assessor's Copy

Installation and maintenance instructions

Oil and gas-fired boilers
Logano G215 US



Please read carefully prior to installation and maintenance

8 Boiler installation

This chapter details how to install your boiler correctly. These details include:

- Flue connection
- Water connections
- Electrical connection
- Burner installation (field installation)
- Fuel connection

8.1 Flue connection

8.1.1 Chimney venting

Connect boiler to vertical chimney with a 6" vent pipe. Use only venting systems that comply with local codes and regulations. If local codes are not available, refer the the following regulations:

- NFPA 31, Installation of Oil-Burning Equipment,
- NFPA 211, Standard for Chimneys, Fire Places and Solid Fuel Burning Appliances,
- In Canada refer to CSA B139, Installation Code for Oil-Burning Equipment,
- NFPA 211 requires chimney to be lined before connecting boiler.

Inspecting and cleaning existing flue

Inspect and clean the old flue before installation of the new boiler.

- Remove blockages and dirt from the chimney.
- Clean chimney
- Repair or replace faulty flues.
- If necessary, repair chimney with mortar and joints.

Down drafts



NOTICE

To prevent down drafts extend chimney at least 3 feet above the roof opening at least 2 feet above any part of the roof within a radius of 10 feet.

Minimum clearances to combustible objects

Flue pipe	Type	Minimum clearance
Double-wall	L	6"
Single-wall	L	18"

Tab. 13 Minimum clearances to combustible objects for flue systems

6 Placing the Boiler

This chapter details how to install and place the boiler in the boiler room.



SYSTEM DAMAGE

due to freezing temperatures.

- Install the boiler in a frost-free room.

6.1 Clearances

Position the boiler at the recommended clearances (→ Fig. 3). Reducing the minimum clearances makes the boiler more difficult to access.

The boiler base or foundation must be perfectly flat and level.

The burner door can be fitted with the hinge on the l.h. or the r.h. side.

Measure	Distance	
A	Recommended	51 1/8"
	minimum	39 3/8"
B	Recommended	27 1/2"
	minimum	15 3/4"
C	Recommended	15 3/4"
	minimum	3 7/8"
L _K	see "Technical Data" chapter	

Tab. 11 Recommended and minimum clearances (in inches)



NOTICE

Reduced clearances must comply with local and state codes. The boilers are designed for a side clearance of 6". Make sure that there is a sufficient clearance between combustible materials and the chimney connection as specified by NFPA 31 (distance of 18").



NOTICE

Where applicable, allow extra wall clearances for additional components, for example hot water tank, pipe connections, flue gas muffler or other components on the flue gas side.

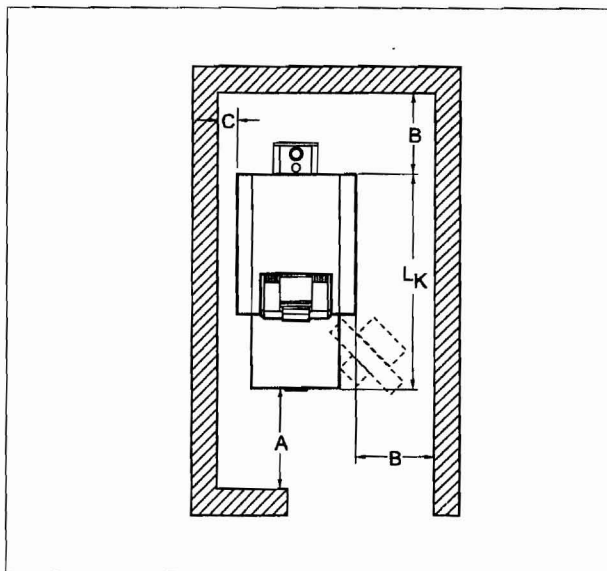


Fig. 3 Boiler room clearances (see Tab. 11)

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Dept: Zoning **Status:** Approved **Reviewer:** Marge Schmuckal **Approval Date:** 07/03/2008
Note: **Ok to Issue:** ☒

Dept: Building **Status:** Approved with Conditions **Reviewer:** Tammy Munson **Approval Date:** 07/22/2008
Note: **Ok to Issue:** ☒

- 1) All penetrations between units and common areas shall be protected with approved firestop materials, and recessed lighting/vent fixtures shall not reduce the required rating.
- 2) The installation must comply with the State of Maine Gas Regulations.
- 3) Installation shall comply with 2003 International Mechanical Code and State of Maine Oil and Solid Fuel Board Laws and Rules

Dept: Fire **Status:** Approved **Reviewer:** Capt Greg Cass **Approval Date:** 07/09/2008
Note: **Ok to Issue:** ☒