

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND

BUILDING PERMIT

This is to certify that TURGEON, JENNIFER A POWERS
& JENNIFER A POWERS & TURGEON

Located At 101 MURRAY

Job ID: 2011-07-1674-ALTR

CBL: 162 - - D - 016 - 001 - - - -

has permission to install new heating system

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statues of Maine and of the Ordinances of the City of Portland regulating the construction, maintenance and use of the buildings and structures, and of the application on file in the department.

Notification of inspection and written permission procured before this building or part thereof is lathed or otherwise closed-in. 48 HOUR NOTICE IS REQUIRED.

A final inspection must be completed by owner before this building or part thereof is occupied. If a certificate of occupancy is required, it must be

Fire Prevention Officer

Code Enforcement Officer / Plan Reviewer

**THIS CARD MUST BE POSTED ON THE STREET SIDE OF THE PROPERTY
PENALTY FOR REMOVING THIS CARD**

BUILDING PERMIT INSPECTION PROCEDURES

Please call 874-8703 or 874-8693 (ONLY)

or email: buildinginspections@portlandmaine.gov

With the issuance of this permit, the owner, builder or their designee is required to provide adequate notice to the city of Portland Inspections Services for the following inspections. Appointments must be requested 48 to 72 hours in advance of the required inspection. The inspection date will need to be confirmed by this office.

- **Please read the conditions of approval that is attached to this permit!! Contact this office if you have any questions.**
- **Permits expire in 6 months. If the project is not started or ceases for 6 months.**
- **If the inspection requirements are not followed as stated below additional fees may be incurred due to the issuance of a "Stop Work Order" and subsequent release to continue.**

The project cannot move to the next phase prior to the required inspection and approval to continue, REGARDLESS OF THE NOTICE OF CIRCUMSTANCES.

IF THE PERMIT REQUIRES A CERTIFICATE OF OCCUPANCY, IT MUST BE PAID FOR AND ISSUED TO THE OWNER OR DESIGNEE BEFORE THE SPACE MAY BE OCCUPIED.

City of Portland, Maine - Building or Use Permit Application

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

Job No: 2011-07-1674-ALTR	Date Applied: 7/12/2011	CBL: 162 - - D - 016 - 001 - - - - -	
Location of Construction: 101 MURRAY STREET	Owner Name: JENNIFER A POWERS & TURGEON	Owner Address: 101 MURRAY ST PORTLAND, ME - MAINE 04103	Phone:
Business Name:	Contractor Name: Dead River	Contractor Address: 73 Pleasant Hill RD SCARBOROUGH MAINE 04074	Phone: (207) 883-9575
Lessee/Buyer's Name:	Phone:	Permit Type: HVAC	Zone: R-3
Past Use: Single family dwelling	Proposed Use: Same: Single Family dwelling - to install new Buderus heating system	Cost of Work: \$9,000.00	CEO District:
		Fire Dept: <input type="checkbox"/> Approved <input type="checkbox"/> Denied <input checked="" type="checkbox"/> N/A	Inspection: Use Group: HVAC Type: Signature: <i>[Signature]</i>
Proposed Project Description: Install Buderus Boiler In Basement		Signature: <i>[Signature]</i>	
		Pedestrian Activities District (P.A.D.)	
Permit Taken By: Lannie	Zoning Approval		

<p>1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</p> <p>2. Building Permits do not include plumbing, septic or electrical work.</p> <p>3. Building permits are void if work is not started within six (6) months of the date of issuance. False informatin may invalidate a building permit and stop all work.</p>	<p>Special Zone or Reviews</p> <p><input type="checkbox"/> Shoreland</p> <p><input type="checkbox"/> Wetlands</p> <p><input type="checkbox"/> Flood Zone</p> <p><input type="checkbox"/> Subdivision</p> <p><input type="checkbox"/> Site Plan</p> <p><input type="checkbox"/> Maj <input type="checkbox"/> Min <input type="checkbox"/> MM</p> <p>Date: <i>[Signature]</i> 7/13/11</p>	<p>Zoning Appeal</p> <p><input type="checkbox"/> Variance</p> <p><input type="checkbox"/> Miscellaneous</p> <p><input type="checkbox"/> Conditional Use</p> <p><input type="checkbox"/> Interpretation</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Denied</p> <p>Date:</p>	<p>Historic Preservation</p> <p><input checked="" type="checkbox"/> Not in Dist or Landmark</p> <p><input type="checkbox"/> Does not Require Review</p> <p><input type="checkbox"/> Requires Review</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Approved w/Conditions</p> <p><input type="checkbox"/> Denied</p> <p>Date: <i>[Signature]</i></p>
	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	PHON



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 162-D-16 Use of Building _____ Date 7.12.11
 Name and address of owner of appliance Kevin Sample 101 Murry St Portland SFH
 Installer's name and address Dead River Co / Christopher Sweatt
73 Pleasant Hill Rd. Scarborough Telephone 883-9515

Location of appliance:

- Basement
- Attic
- Floor
- Roof

Type of Fuel:

- Gas
- Oil
- Solid

Appliance Name:

Buderus

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 # MS 20094350
- 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 _____

Number of Tanks 1

Distance from Tank to Center of Flame 30 feet.

Cost of Work: \$ 8,885.00

Permit Fee: \$ 110

RECEIVED
 JUL 12 2011
 Dept of Building Inspections
 City of Portland Maine

7.15.11

Approved

Fire: _____

Ele.: _____

Bldg.: _____

Approved with Conditions

See attached letter or requirement

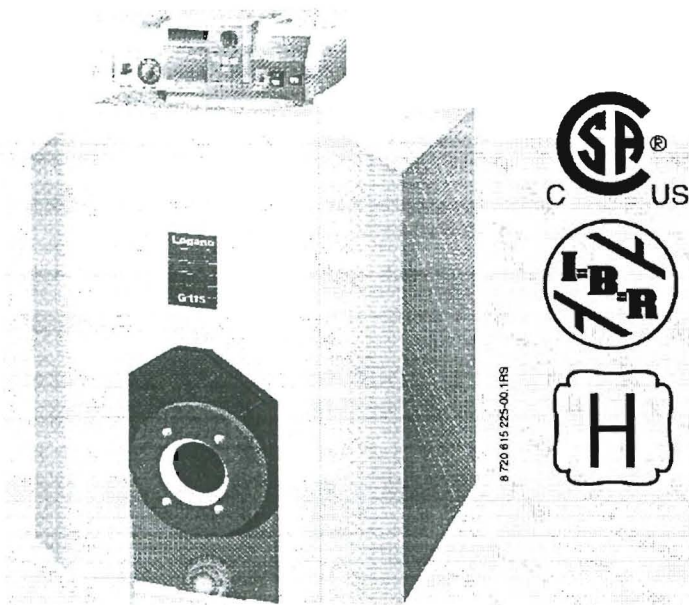
Inspector's Signature _____

Date Approved _____

Signature of Installer [Signature]

Installation and Service Instructions

Low-temperature
oil boiler



Caution!

Observe the safety instructions of this installation and maintenance manual before placing the boiler in operation.

Dangert

If installation, adjustment, modification, operation or maintenance of the heating system is carried out by an unqualified person, this may result in danger to life and limb or property damage.

The directions of this installation and maintenance manual must be followed precisely.

Contact a qualified service company or service provider if support or additional information is required.

Caution!

The operating manual is a component of the technical documentation and must be handed over to the operator of the heating system.

Discuss the content of this manual with the owner or operator of the heating system to ensure that they are familiar with all information required for operation of the heating system.

Logano G115 WS US/CA

For heating contractors

Please read carefully prior
to installation and servicing.

4 Installing the boiler

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



Caution: Risk of system damage from freezing.

- Install the heating system in a frost-free room.

4.1 Wall clearances

Position the boiler with the recommended wall clearances. Reducing the minimum clearances makes the boiler more difficult to access during installation, maintenance and cleaning.

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

The burner door is factory-fitted with the hinges on the right. The burner door can be converted to open to the left (Chapter 4.2, page 15).

Dimension	Wall clearance	
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	→ Chapter 2.7.1 "Logano G115 WS dimensions", page 8	

Tab. 10 Recommended and minimum wall clearances (dimensions in inches).



The boilers are designed for a side clearance of 6".

Where applicable, allow extra wall clearances for additional components such as DHW tank, pipe connections, flue gas silencer or other flue components, etc.



Caution: Risk of fire from flammable materials or liquids.

- Clearances less than 6" must comply with local and statutory codes.
- Make sure that there is a sufficient clearance between combustible materials and the chimney connection as specified by NFPA 31 (distance of 18").
- The floor must comply with the requirements of NFPA 31.

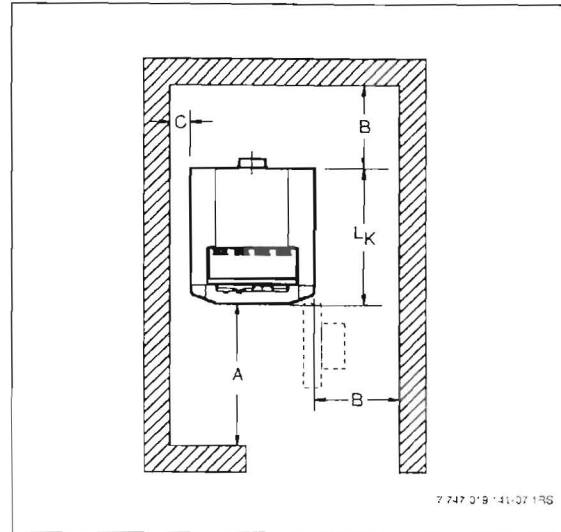


Fig. 7 Boiler room clearances (boiler positioned on the l.h. or r.h. side)

Minimum clearances to combustible material

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

Tab. 11 Minimum clearances to combustible objects for flue systems

Minimum size of chimney

The minimum recommended chimney size is 8" x 8" (6 3/4" x 6 3/4" inside liner) or 6" diameter with a minimum height of 15 feet. Use a 5" flue pipe for connection to an existing chimney.

Installing the flue pipe



Danger: Risk of death from escaping flue gases.

If the resistance to flue gas flow is too great and/or the flue pipe diameter is smaller than the recommended size and/or the flue pipe is too short:

- Seal all vent pipe joints.
 - Install a CO alarm. Positive pressure combustion ensures that the flue gas can exit the flue system.
-
- Insert flue pipe 5" onto the breach and secure with 3 screws.



Avoid long horizontal flue pipe runs and keep the number of elbows to a minimum.

- Install flue connections between boiler and chimney to slope up at least 1/4" per foot to the chimney.
- Connect the flue pipe to the chimney above the bottom of the chimney to prevent blockages.
- Install cleaning and service hatches.

After starting the burner, set breeching draft to -0.01 to -0.02 inches WC using a draft gauge. The overfire pressure can be positive. If necessary, install a barometric damper in the flue system to maintain the underpressure in the system or to meet code requirements. Always install the draft controller in vertical position. Use a draft gauge when making adjustments.

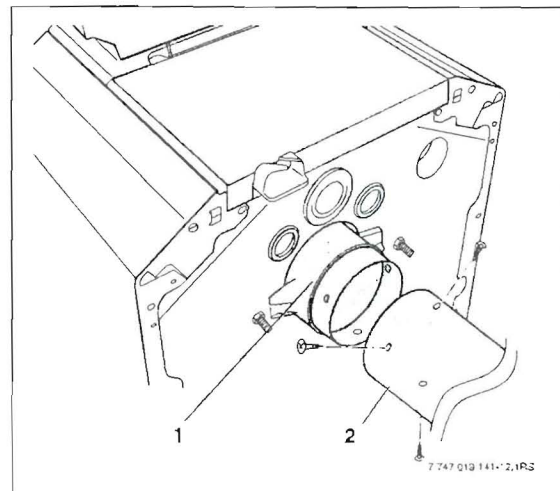


Fig. 12 Installing the flue pipe

- 1 Flue pipe
- 2 Boiler flue socket



CITY OF PORTLAND, MAINE

Department of Building Inspections

Original Receipt

7-12-2011

Received from Deer River -

Location of Work 151 Murray St

Cost of Construction \$ _____ Building Fee: _____

Permit Fee \$ _____ Site Fee: _____

Certificate of Occupancy Fee: _____

Total: 110

Building (IL) _____ Plumbing (I5) _____ Electrical (I2) _____ Site Plan (U2) _____

Other HVAC

CBL: 162-D-16

Check #: 002

Total Collected \$ 110

**No work is to be started until permit issued.
Please keep original receipt for your records.**

Taken by: _____

WHITE - Applicant's Copy
YELLOW - Office Copy
PINK - Permit Copy