

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



# CITY OF PORTLAND

# BUILDING PERMIT

This is to certify that Holly & Robert Groom

Located At 216 DARTMOUTH ST

Job ID: 2012-11-5485-HVAC

CBL: 081- A-018-001

has permission to install an HVAC system (Two Family Residence).

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**

12/18/2012

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

**City of Portland, Maine - Building or Use Permit Application**

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


Job No: 2012-11-5485-HVAC	Date Applied: 11/29/2012	CBL: 081- A-018-001	
Location of Construction: 214 DARTMOUTH ST	Owner Name: HOLLY & ROBERT GROOM	Owner Address: 101 ORCHARD RD CUMBERLAND CTR, MAINE 04021	Phone:
Business Name:	Contractor Name: CHARLIE BURNHAM HEATING SERVICE INC	Contractor Address: PO BOX 382, FREEPORT, ME 04032	Phone: 865-9010
Lessee/Buyer's Name:	Phone:	Permit Type: HVAC	Zone: R-5
Past Use: Two Family dwelling	Proposed Use: Same: Two Family dwelling – to install Smith boiler in the #214 side.	Cost of Work: \$9,000.00	CEO District:
		Fire Dept: <input type="checkbox"/> Approved <input checked="" type="checkbox"/> Denied <input type="checkbox"/> N/A	Inspection: Use Group: HVAC Type: HE GAS Reg 5/11 Signature: 
Proposed Project Description: Smith 8 series natural gas boiler		Pedestrian Activities District (P.A.D.)	
Permit Taken By: Gayle		<b>Zoning Approval</b>	

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 informatin may invalidate a building permit and stop all work.

**Special Zone or Reviews**

- Shoreland
- Wetlands
- Flood Zone
- Subdivision
- Site Plan

\_\_\_ Maj \_\_\_ Min \_\_\_ MM

Date:   
12/3/12

**Zoning Appeal**

- Variance
- Miscellaneous
- Conditional Use
- Interpretation
- Approved
- Denied

Date:

**Historic Preservation**

- Not in Dist or Landmark
- Does not Require Review
- Requires Review
- Approved
- Approved w/Conditions
- Denied

Date: 

**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 appication 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.

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

*Strengthening a Remarkable City, Building a Community for Life • [www.portlandmaine.gov](http://www.portlandmaine.gov)*

## Receipts Details:

**Tender Information:** Check , BusinessName: Vharlei Burnham, Check Number: 8223\$110.00

**Tender Amount:** 110.00

## Receipt Header:

**Cashier Id:** gguertin

**Receipt Date:** 11/29/2012

**Receipt Number:** 50644

## Receipt Details:

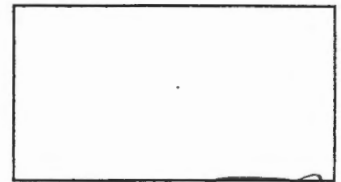
Referance ID:	8905	Fee Type:	BP-Constr
Receipt Number:	0	Payment Date:	
Transaction Amount:	110.00	Charge Amount:	110.00
Job ID: Job ID: 2012-11-5485-HVAC - Smith 8 series natural gas boiler			
Additional Comments: 214 Dartmouth St.			

Thank You for your Payment!



FILL IN AND SIGN WITH INK

# APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



2012 11 5485 60 (R-5)  
Separate account

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 214 Dartmouth St. Use of Building 081 A 018 Date 11-29-12  
Name and address of owner of appliance Holy Groom, 101 Orchard rd, Cumberland  
ME, 04021  
Installer's name and address Charlie Burukham Heating Service Inc. P.O. Box 382  
Freeport, ME 04032 Telephone 865-9010

### Location of appliance:

- Basement
- Attic
- Floor
- Roof

### Type of Fuel:

- Gas
- Oil
- Solid

### Appliance Name:

Smith

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 # PNT6050
- Other \_\_\_\_\_

### Type of Chimney:

- Masonry Lined Stainless  
Factory built \_\_\_\_\_
- Metal  
Factory Built U.L. Listing # \_\_\_\_\_
- 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: \$ 8475.00

Permit Fee: \$ \_\_\_\_\_

RECEIVED  
NOV 29 2012  
Dept. of Building Inspections  
City of Portland Maine

### Approved

Fire: \_\_\_\_\_  
Ele.: \_\_\_\_\_  
Bldg.: \_\_\_\_\_

### Approved with Conditions

- See attached letter or requirement

Inspector's Signature \_\_\_\_\_

Date Approved \_\_\_\_\_

Signature of Installer [Signature]

White - Inspection    Yellow - File    Pink - Applicant's    Gold - Assessor's Copy

# Smith

CAST IRON BOILERS

## 8 SERIES

# STEAM OR HOT WATER BOILER-BURNER UNIT INSTALLATION & OPERATING INSTRUCTIONS



DESIGNED AND TESTED ACCORDING TO A.S.M.E. BOILER AND PRESSURE VESSEL CODE, SECTION IV FOR A MAXIMUM ALLOWABLE WORKING PRESSURE OF: 15 PSI STEAM OR 40 PSI WATER.

### TO INSTALLER

**NOTE: READ THESE INSTRUCTIONS CAREFULLY. THEY WILL SAVE YOU VALUABLE TIME WHEN ASSEMBLING THE BOILER.**

THESE INSTRUCTIONS TO BE LEFT WITH THE BOILER FOR REFERENCE PURPOSES.

**CAUTION: Do not use automotive anti-freeze in boiler waterways. If necessary to use anti-freeze, be sure to employ a preparation designed for hydronic heating systems such as ethylene or propylene glycol.**

CONSUMER, RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE PURPOSES.

**Smith**  
CAST IRON BOILERS

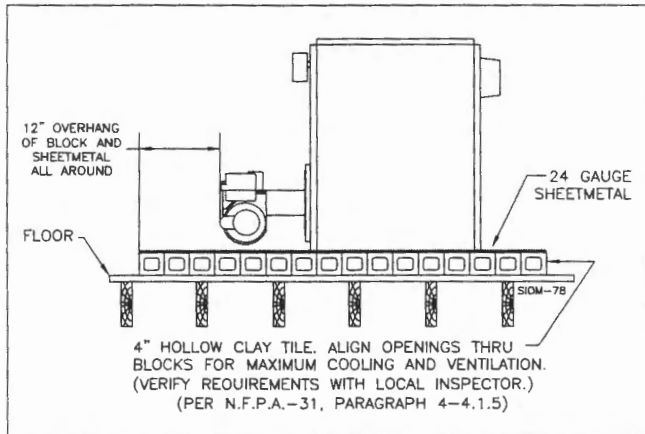
WESTCAST, INC.  
260 NORTH ELM STREET  
WESTFIELD, MA 01085  
TEL. (413) 562-9631 FAX (413) 562-3799

7555 TRANMERE DRIVE  
MISSISSAUGA, ONTARIO L5S 1L4  
TEL. (905) 672-2991 FAX (905) 672-2883

## BOILER LOCATION

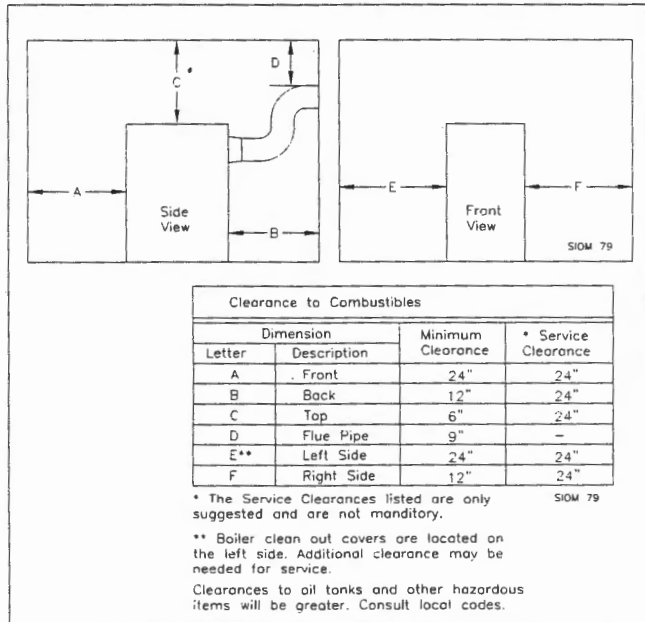
Boiler should be located on a smooth level concrete floor or pad close to the chimney to minimize breeching length. Allow access for boiler cleaning and burner maintenance.

Figure 1A



**CAUTION - Boiler shall be installed on non-combustible floor only, unless Figure 1A is followed.**

Figure 1B



## CHIMNEY AND BREECHING

Attach the smoke hood to the back of the boiler using the 4 brass machine screws making sure to install the gasket between the smoke hood and boiler. (Gasket and hardware located in literature bag.) The 3 and 4 section models are equipped with a 6" smoke hood, the 5 and 6 section models with a 7" smoke hood. The boiler must be vented with vent pipe having the same diameter as the smoke hood collar. Place the flue pipe over the smoke hood collar and secure it to the collar with a sheet metal screw.

The flue pipe should be run to the chimney by the most direct route, with the minimum number of elbows and with a slight upward pitch. The pipe should terminate flush with the inside face of the chimney and should be sealed in place with insulating cement. The boiler must be vented to the outdoors by means of a tile lined masonry chimney.

For energy conservation, the boiler can be vented directly into a chimney without the use of a barometric draft control, unless required by code or in instances where the chimney can develop excessive draft. **Overfire** draft greater than -0.05 inches W.C., with the burner in operation, is excessive (normal draft is -0.02 to -0.04" W.C.).

## COMBUSTION AND VENTILATION

Normal residential construction usually allows sufficient air infiltration for combustion. If construction is tight, consideration should be given for air louvers to the outside. Local codes or NFPA 31, "Installation of Oil Burning Equipment", should be referred to for proper sizing and design and air supply. In Canada refer to CSA STD. B149 - latest edition.

**WARNING: This boiler must be connected to a properly sized and constructed chimney or vent system! Failure to comply with this warning can result in a fire which could cause extensive property damage, severe personal injury or death!**