

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND

BUILDING PERMIT

This is to certify that MULQUEENEY, DAVIDDAVID
MULQUEENEY

Located At 10 DOW

Job ID: 2011-07-1618-HVAC

CBL: 055 - - E - 022 - 001 - - - -

has permission to Install Smith Boiler

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statutes 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**

7-15-11

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.



PORTLAND MAINE

Strengthening a Remarkable City, Building a Community for Life • www.portlandmaine.gov

Director of Planning and Urban Development
Penny St. Louis

Job ID: 2011-07-1618-HVAC

Located At: 10 DOW

CBL: 055 - - E - 022 - 001 - - - -

Conditions of Approval:

Fire

Installation shall comply with City Code Chapter 10.

Fuel-fired boilers shall be protected in accordance with NFPA 101, *Life Safety Code*.

Installation shall comply with NFPA 211, *Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances*; NFPA 54, *National Fuel Gas Code*; NFPA 70, *National Electrical Code*; and the manufacturer's published instructions.

City of Portland, Maine - Building or Use Permit Application

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

Job No: 2011-07-1618-HVAC	Date Applied: 7/5/2011	CBL: 055 - - E - 022 - 001 - - - - -	
Location of Construction: 10 DOW STREET	Owner Name: DAVID MULQUEENEY	Owner Address: 31 NEW RD SCARBOROUGH, ME - MAINE 04074	Phone:
Business Name:	Contractor Name: Charlie Burnham	Contractor Address: PO Box 382 FREEPORT MAINE 04032	Phone: (207) 865-9010
Lessee/Buyer's Name:	Phone:	Permit Type: HVAC	Zone: B-2b
Past Use: 1st floor offices with 2 residential DU above	Proposed Use: Same: 1st floor offices with 2 residential DU above – To install a new Smith boiler	Cost of Work: \$10,000.00	CEO District:
		Fire Dept: <input checked="" type="checkbox"/> Approved <i>w/ conditions</i> <input type="checkbox"/> Denied <input type="checkbox"/> N/A	Inspection: <i>2-3</i> Use Group: Type: <i>HVAC</i>
Proposed Project Description: install a Smith Cast Iron 8 Series Steam Boiler		Signature: <i>[Signature]</i> (58)	Signature: <i>[Signature]</i>
Permit Taken By: Lannie		Pedestrian Activities District (P.A.D.)	

Zoning Approval

- 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 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: *7/11/11*

CERTIFICATION

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: *any exterior work*
Requires A Separate Review & Approval

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

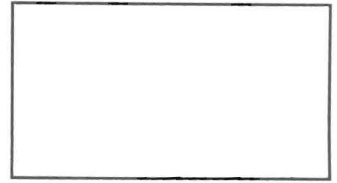
DATE

PHON



FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



1st floor offices with 2 res. Above

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 10 Dow Str SS-E-22 Use of Building _____ Date 7-5-11
 Name and address of owner of appliance Dave Mulgoney, 31 New Rd Scarborough
04074
 Installer's name and address Charlie Burnham Heating Service Inc.
4 Spruce St Freeport, ME Telephone 865-9010

76.11

Location of appliance:

- Basement
- Floor
- Attic
- 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 # #MT 6050
- 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 _____

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$ 9980.00

Permit Fee: \$ 120

RECEIVED
 JUL - 5 2011
 Dept. of Building Inspections
 City of Portland Maine
 B-26

Approved

Fire: _____

Ele.: _____

Bldg.: _____

Approved with Conditions

- See attached letter or requirement

Inspector's Signature _____

Date Approved _____

Signature of Installer _____

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.



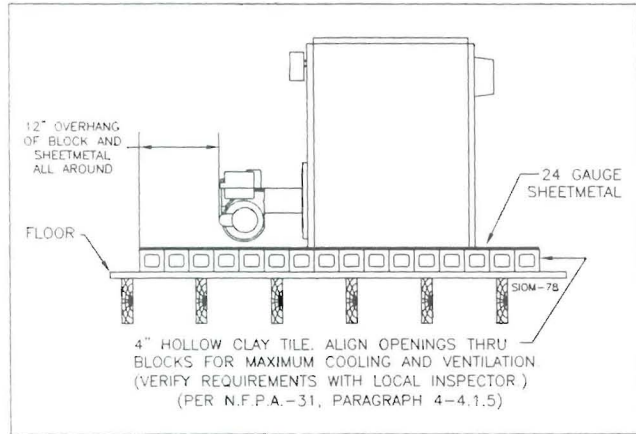
WESTCAST, INC.
260 NORTH ELM STREET
WESTFIELD, MA 01085
TEL. (413) 562-9631 FAX (413) 562-3799

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

BOILER LOCATION

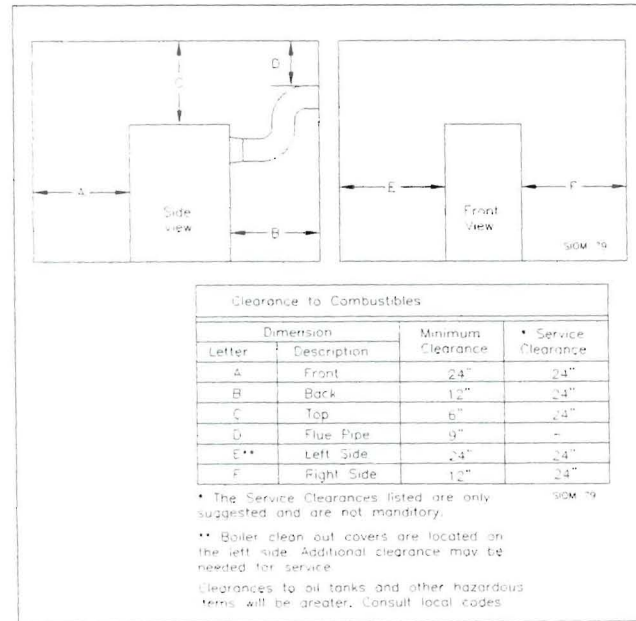
Boiler should be located on a smooth level concrete floor or pad close to the chimney to minimize breeching length. Allow access for boiler cleaning and burner maintenance.

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!



CITY OF PORTLAND, MAINE

Department of Building Inspections

Original Receipt

7.5 20 11

Received from Charlie Burin

Location of Work 10 Dorset St

Cost of Construction \$ _____ Building Fee: _____

Permit Fee \$ _____ Site Fee: _____

Certificate of Occupancy Fee: _____

Total: 120

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

Other ALJAE

CBL: 55-E-22

Check #: 8073 Total Collected \$ 120

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

Taken by: [Signature]

B-22b

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