

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

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

Permit No: 07-1225	Issue Date:	CBL: 117 C004001
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Location of Construction: 317 DEERING AVE	Owner Name: BURTON JOSEPHINE E	Owner Address: 315 DEERING AVE	Phone:
Business Name:	Contractor Name: Charlie Burnham Heating	Contractor Address: PO Box 382 Freeport	Phone 2078659010
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: R5

Past Use: Multi- Family Home  <i>legal use - 3 d.u. E</i>	Proposed Use: Multi-Family Home - Install a New Smith Boiler in basement	Permit Fee: \$120.00	Cost of Work: \$9,800.00	CEO District: 2
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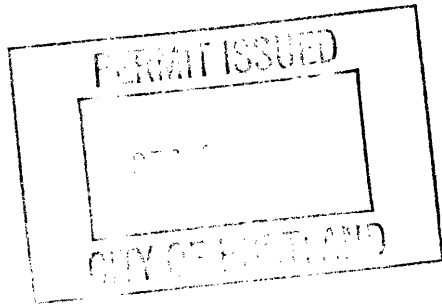
FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: R2 Type: SB <i>IBC 2003 STME Solid fuel Boilers</i>
Signature: <i>[Signature]</i>	Signature: <i>[Signature]</i> 10/17/07

**Proposed Project Description:**  
Install a New Smith Boiler in basement

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: Idobson	Date Applied For: 09/28/2007	<b>Zoning Approval</b>		
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<ol style="list-style-type: none"> <li>This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</li> <li>Building permits do not include plumbing, septic or electrical work.</li> <li>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..</li> </ol>	<b>Special Zone or Reviews</b> <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: <i>10/12/07 ABU</i>	<b>Zoning Appeal</b> <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:	<b>Historic Preservation</b> <input type="checkbox"/> Not in District or Landmark <input checked="" 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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<b>Permit No:</b> 07-1225	<b>Date Applied For:</b> 09/28/2007	<b>CBL:</b> 117 C004001
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<b>Business Name:</b>	<b>Contractor Name:</b> Charlie Burnham Heating	<b>Contractor Address:</b> PO Box 382 Freeport	<b>Phone</b> (207) 865-9010
<b>Lessee/Buyer's Name</b>	<b>Phone:</b>	<b>Permit Type:</b> HVAC	

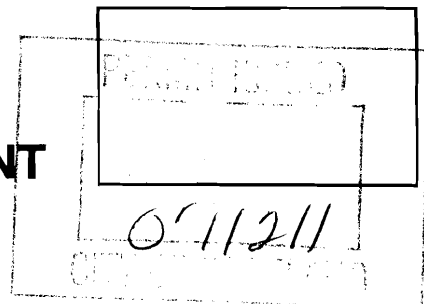
<b>Proposed Use:</b> Multi-Family Home - Install a New Smith Boiler in basement	<b>Proposed Project Description:</b> Install a New Smith Boiler in basement
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<b>Dept:</b> Zoning	<b>Status:</b> Approved	<b>Reviewer:</b> Ann Machado	<b>Approval Date:</b> 10/12/2007
<b>Note:</b>			<b>Ok to Issue:</b> <input checked="" type="checkbox"/>
<b>Dept:</b> Building	<b>Status:</b> Approved with Conditions	<b>Reviewer:</b> Tom Markley	<b>Approval Date:</b> 10/17/2007
<b>Note:</b>			<b>Ok to Issue:</b> <input checked="" type="checkbox"/>
1) Installation shall comply with 2003 International Mechanical Code and State of Maine Oil and Solid Fuel Board Laws and Rules			
2) Application approval based upon information provided by applicant. Any deviation from approved plans requires separate review and approval prior to work.			
<b>Dept:</b> Fire	<b>Status:</b> Approved	<b>Reviewer:</b> Capt Greg Cass	<b>Approval Date:</b> 10/15/2007
<b>Note:</b>			<b>Ok to Issue:</b> <input checked="" type="checkbox"/>



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 117 C4 Use of Building Home Date 9-28-07  
 Name and address of owner of appliance MARGARET GILL  
81 PITT ST PORTLAND  
 Installer's name and address CHARLIE BURHAM Heating  
P.O. BOX 382 FREEPORT 04032 Telephone 865-9010

**Location of appliance:**  
 Basement  Floor  
 Attic  Roof

**Type of Fuel:**  
 Gas  Oil  Solid

**Appliance Name:** Smith boiler  
 U.L. Approved  Yes  No

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

IF NO Explain: \_\_\_\_\_

**Type of Chimney:**  
 Masonry Lined  
 Factory built \_\_\_\_\_  
 Metal  
 Factory Built U.L. Listing # \_\_\_\_\_  
 Direct Vent  
 Type \_\_\_\_\_ UL# \_\_\_\_\_

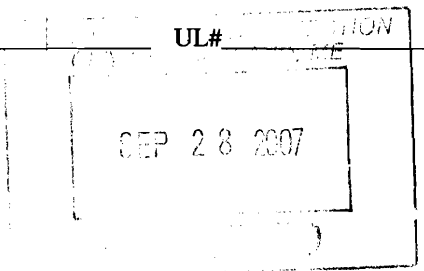
**Type of Fuel Tank**  
 Oil  
 Gas

**Size of Tank** 275 GAL

**Number of Tanks** 1

**Distance from Tank to Center of Flame** Further than feet.  
5 feet

**Cost of Work:** \$ 9800.00  
**Permit Fee:** \$ 104



**The Type of License of Installer:**  
 Master Plumber # \_\_\_\_\_  
 Solid Fuel # M  
 Oil # MS30002670  
 Gas # \_\_\_\_\_  
 Other \_\_\_\_\_

Approved

Approved with Conditions

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

See attached letter or requirement

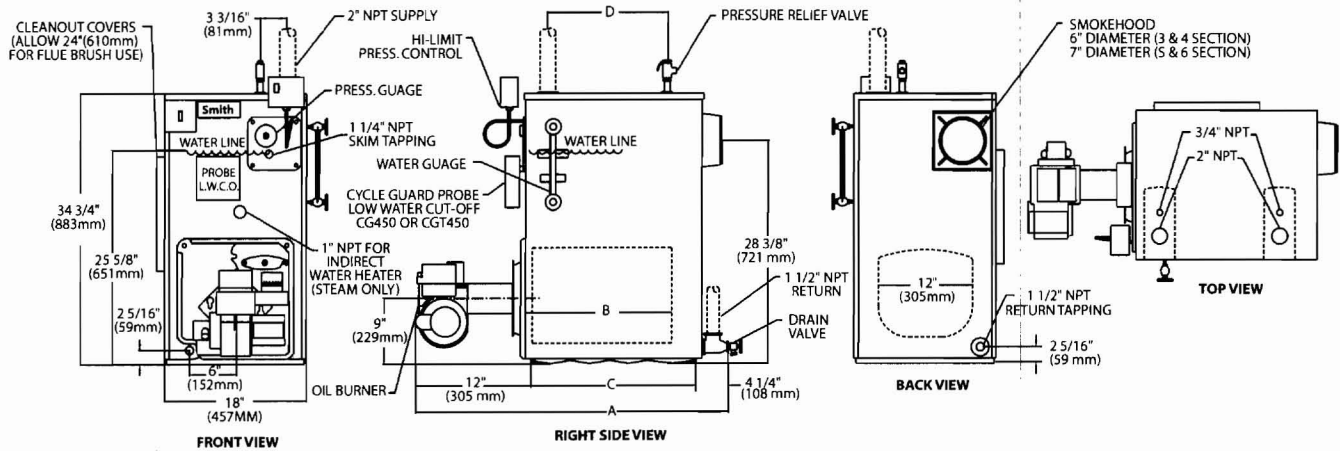
\_\_\_\_\_  
 Inspector's Signature Date Approved

Signature of Installer [Signature]

# series 8

## OIL FIRED RESIDENTIAL BOILER

Light Oil D.O.E. Heating capacity ratings 91,000 to 250,000 Btuh.



### Ratings, Burner Capacities, Chimney Sizes, Dimensions

Boiler Model Number	D.O.E. Heating Capacity MBH	I=B=R Burner Capacity		I=B=R Net Ratings			Natural Draft Chimney (Note 3)	A.F.U.E. %		Overall Length (Inches) A	Chamber Length (Inches) B	Boiler Length (Inches) C	Distance between Supply Tappings (Inches) D	Square Feet of Heating Surface	Chamber Volume (Cu. Ft.)	Water Content (Gal. for Steam)	Water Content (Gal. for Water)
		(Note 2) GPH	MBH	Water (Note 1) MBH	Steam (Note 1) MBH	Sq. Ft.		Water	Steam								
8*-4L	133	1.00	154	116	99	425	8x8x17'	86.2	85.5	37-3/4"	18-1/8"	21-1/2"	15-1/2"	17.55	1.128	12.3	15.1
8*-4H	150	1.25	175	130	112	467	8x8x17'	85.4	84.7	37-3/4"	18-1/8"	21-1/2"	15-1/2"	17.55	1.128	12.3	15.1
8*-5L	169	1.40	196	147	126	525	8x8x16'	86.2	85.3	42-1/2"	22-7/8"	26-1/4"	20-1/4"	22.91	1.423	14.9	18.5
8*-5H	203	1.70	238	177	152	633	8x8x16'	85.1	84.5	42-1/2"	22-7/8"	26-1/4"	20-1/4"	22.91	1.423	14.9	18.5
8*-6L	211	1.75	245	183	157	654	8x8x15'	86.2	85.1	47-1/4"	27-5/8"	31"	25"	28.29	1.719	17.4	21.9
8*-6H	249	2.10	294	217	186	775	8x8x15'	84.8	84.3	47-1/4"	27-5/8"	31"	25"	28.29	1.719	17.4	21.9

Standard Working Pressure 30 psi Water, 15 psi Steam. All Boilers Hydrostatically tested – A.S.M.E.

\* Insert "s" for steam or "w" for water.

(Note 1) Net ratings shown are based on an allowance of 1.333 for steam or 1.15 for water.

(Note 2) Light oil having heat content of 140,000 BTU/Gal.

(Note 3) Nominal clay tile liner dimensions.

In the interest of product improvement we reserve the right to make changes without notice.

### Crated Outside Dimensions

Boiler Number	Length (Inches)	Width (Inches)	Height (Inches)
8*-4	38-1/4	22	37
8*-5	43-1/4	22	37
8*-6	48	22	37

### Tankless Water Heater Capacities

Boiler Sections	Firing Rate (GPH)	Intermittent Flow GPM (1)		Continuous Flow GPM (1)	
		Water	Steam	Water	Steam
8*-4L	1.00	3.3	3.3	2.5	2.5
8*-4H	1.25	3.3	3.5	2.9	2.9
8*-5L	1.35	3.8	3.5	3.3	3.0
8*-5H	1.65	4.5	3.5	3.9	3.0
8*-6L	1.75	4.6	3.5	4.0	3.0
8*-6H	2.00	5.0	3.5	4.9	3.0

(1) Temperature rise 100°F with boiler water at 180°F.

The manufacturer should be consulted before selecting a boiler for installations having unusual piping and pick-up requirements such as intermittent system operation, extensive piping systems, etc.

If draft over the fire exceeds .04" WC or is required by local codes, barometric damper must be supplied by the installing heating contractor.

For forced hot water heating systems where the boiler and all the piping are within the area to be heated, the boiler may be selected on the basis of its D.O.E. heating capacity. Before Purchasing this appliance, read important energy cost and efficiency information available from your retailer.

# Smith

CAST IRON BOILERS

Westcast, Inc., 260 North Elm Street, Westfield, MA 01085

(413) 562-9631 • FAX: (413) 562-3799

www.smithboiler.com

◆ A MESTEK COMPANY

912767 912767

117-C-004

Permit # City of Portland BUILDING PERMIT APPLICATION Fee Zone Map # Lot#

Please fill out any part which applies to job. Proper plans must accompany form.

Owner: Josephine Burton Phone # 877-2207
Address: 315 Deering Ave; Ptd, DE 04103
LOCATION OF CONSTRUCTION 315 Deering Ave
Contractor: David Larochelle Sub.:
Address: Phone #
Est. Construction Cost: Proposed Use: 3-fam w dock
Past Use: 3-fam
# of Existing Res. Units # of New Res. Units
Building Dimensions L W Total Sq. Ft.
# Stories: # Bedrooms Lot Size:
Is Proposed Use: Seasonal Condominium Conversion
Explain Conversion construct deck

For Official Use Only
Date: 6/21/91
Subdivision Name:
Inside Fire Limits:
Bldg Code:
Time Limit:
Ownership:
Estimated Cost: \$2100/
PERMIT ISSUED JUN 27 1991 CITY OF PORTLAND

Zoning: Street Frontage Provided:
Provided Setbacks: Front Back Side Side
Review Required:
Zoning Board Approval: Yes No Date:
Planning Board Approval: Yes No Date:
Conditional Use: Variance Site Plan Subdivision
Shoreland Zoning Yes No Floodplain Yes No
Special Exception
Other (Explain)

Foundation:
1. Type of Soil:
2. Set Backs - Front Rear Side(s)
3. Footings Size:
4. Foundation Size:
5. Other

Floor:
1. Sills Size: Sills must be anchored.
2. Girder Size:
3. Lally Column Spacing: Size:
4. Joists Size: Spacing 16" O.C.
5. Bridging Type: Size:
6. Floor Sheathing Type: Size:
7. Other Material:

Exterior Walls:
1. Studding Size Spacing
2. No. windows
3. No. Doors
4. Header Sizes Span(s)
5. Bracing: Yes No
6. Corner Posts Size
7. Insulation Type Size
8. Sheathing Type Size
9. Siding Type Weather Exposure
10. Masonry Materials
11. Metal Materials

Interior Walls:
1. Studding Size Spacing
2. Header Sizes Span(s)
3. Wall Covering Type
4. Fire Wall if required
5. Other Materials

Ceiling:
1. Ceiling Joists Size:
2. Ceiling Strapping Size Spacing
3. Type Ceilings:
4. Insulation Type Size
5. Ceiling Height:
HISTORIC PRESERVATION
Not in District nor Landmark
Does not require review.
Requires Review.

Roof:
1. Truss or Rafter Size Span Action: Approved.
2. Sheathing Type Size Approved with Condition
3. Roof Covering Type Denied

Chimneys:
Type: Number of Fire Places Date:
Signature: Josephine Burton

Heating:
Type of Heat:

Electrical:
Service Entrance Size: Smoke Detector Required Yes No

Plumbing:
1. Approval of soil test if required Yes No
2. No. of Tubs or Showers
3. No. of Flushes
4. No. of Lavatories
5. No. of Other Fixtures

Swimming Pools:
1. Type:
2. Pool Size x Square Footage
3. Must conform to National Electrical Code and State Law.

Permit Requested By: Josephine Burton Chase

Signature of Applicant: Josephine Burton Date: 6/21/91

Signature of CEO: Josephine Burton Date:

Inspection Dates:

PERMIT ISSUED WITH REQUIREMENTS