

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



# CITY OF PORTLAND BUILDING PERMIT



**This is to certify that**

TIMSHELL LLC

**PERMIT ID:** 2012-50104

has permission to **Install (2) Weilmclain SG0T4 boilers**

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 cloed-in. 48 HOUR NOTICE IS REQUIRED.

**Located at**

96 VESPER ST

**CBL:** 003 G005001

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 procured prior to occupancy.

A handwritten signature in black ink, appearing to read 'Jamie Bonke', written over a horizontal line.

**Fire Prevention Officer**

**Code Enforcement Officer / Plan Reviewer**

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

**BUILDING PERMIT INSPECTION PROCEDURES**  
Please call 874-8703 (ONLY)  
or email: [buildinginspections@portlandmaine.gov](mailto: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.**

**REQUIRED INSPECTIONS:**

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.

## BUILDING PERMIT INSPECTION PROCEDURES

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

or email: [buildinginspections@portlandmaine.gov](mailto:buildinginspections@portlandmaine.gov)

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- **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.**

### Final Inspection

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

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# PORTLAND MAINE

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Director of Planning and Urban Development  
Jeff Levine

Job ID: 2012-11-5374-HVAC

Located At: 96 VESPER ST

CBL: 003- G-005-001

## **Conditions of Approval:**

### Zoning

1. This property shall remain a three family dwelling. Any change of use shall require a separate permit application for review and approval.

### Building

1. The installation must comply with the State of Maine Gas Regulations.
2. Separate permits are required for any electrical, plumbing, sprinkler, fire alarm, HVAC systems, heating appliances, including pellet/wood stoves, commercial hood exhaust systems and fuel tanks. Separate plans may need to be submitted for approval as a part of this process.
3. The appliance and venting shall be installed in accordance with the UL listing, manufacturer's specifications, and NFPA 211.

### Fire

1. Installation shall comply with City Code Chapter 10.
2. 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: 2012-11-5374-HVAC	Date Applied: 11/9/2012	CBL: 003- G-005-001	
Location of Construction: 96 VESPER ST	Owner Name: TIMSHELL LLC	Owner Address: 107 WHARF RD YARMOUTH, 04096 MAINE - ME	Phone:
Business Name:	Contractor Name: Caron & Waltz	Contractor Address: 321 Lincoln ST South Portland ME 04106	Phone: 207-799-2228
Lessee/Buyer's Name:	Phone:	Permit Type: HVAC	Zone: R-6
Past Use: Three family	Proposed Use: Same - Three family - install two (2) Weil-McLain gas boilers	Cost of Work: \$20,000.00	CEO District:
		Fire Dept: 11/30/12	Inspection: Use Group: R-2 Type: HVAC
		Signature: <i>[Signature]</i> (58)	MUBEC '09 Signature: <i>[Signature]</i> 11/27/12
Proposed Project Description: Install (2) Weil-McLain SGOT4 boilers		Pedestrian Activities District (P.A.D.)	

Permit Taken By: Brad	<b>Zoning Approval</b>		
<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 informatin may invalidate a building permit and stop all work.</li> </ol>	<b>Special Zone or Reviews</b> <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetlands <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan  <input type="checkbox"/> Maj <input type="checkbox"/> Min <input type="checkbox"/> MM Date: <i>OK w/ condition</i> <i>11/15/12 Agm</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 checked="" type="checkbox"/> Not in Dist 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>Agm</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.

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SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
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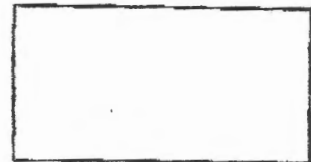
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RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE	DATE	PHONE
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FILL IN AND SIGN WITH INK

# APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



# 2012-11-5314-HVAC

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 96 VESPER STREET 003 GOOS Use of Building APARTMENTS Date 11/7/12

Name and address of owner of appliance MELVIN HOLDINGS  
276 CANCO ROAD PORTLAND, ME 04103

Installer's name and address CARON + WALTZ, 321 LINCOLN STREET  
SO. PORTLAND, ME 04106 Telephone 799-2228

**Location of appliance:**

- Basement
- Floor
- Attic
- Roof

**Type of Fuel:**

- Gas
- Oil
- Solid

Appliance Name: (2) WEIL McLAIN SG074

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 # PNT1913
- Other \_\_\_\_\_

**Type of Chimney:**

- Masonry Lined  
Factory built \_\_\_\_\_
- Metal  
Factory Built U.L. Listing \_\_\_\_\_
- Direct Vent  
Type \_\_\_\_\_ UL# \_\_\_\_\_

RECEIVED  
NOV 09 2012  
Dept. of Building Inspections  
City of Portland Maine

**Type of Fuel Tank**

- Oil
- Gas

Size of Tank NA

Number of Tanks NONE

Distance from Tank to Center of Flame N/A feet.

Cost of Work: \$ 19,995.00

Permit Fee: \$ 200.00

Approved

Approved with Conditions

Fire: \_\_\_\_\_

Ele.: \_\_\_\_\_

Bldg.: \_\_\_\_\_

- See attached letter or requirement

Signature of Installer \_\_\_\_\_

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

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

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



**WARNING** SERVICE TECHNICIAN ONLY — read and follow completely.

# Ratings

**Table 12** SGO GOLD Oil steam boiler ratings



Boiler Model Number	I=B=R Burner Capacity GPH (3)	DOE Heating Capacity (4) MBH (2)	Net I=B=R Ratings (5)		DOE Seasonal Efficiency % AFUE	Minimum I=B=R Chimney			Round Flue Outlet Size In (7)	Steam Boiler Water Content Gal (8)	Draft Loss Thru Boiler In W.C.(9)
			Steam sq. ft.	Steam MBH		Rect In	Round In	Height Ft			
*-SGO-3	0.95	114	354	85	83.8	8x8	6	15	7	10.7	.020
<del>*-SGO-4</del>	<del>1.20</del>	<del>144</del>	<del>450</del>	<del>108</del>	<del>84.0</del>	<del>8x8</del>	<del>6</del>	<del>15</del>	<del>7</del>	<del>12.5</del>	<del>.010</del>
*-SGO-5	1.45	174	546	131	83.9	8x8	7	15	7	14.2	.015
*-SGO-6	1.75	210	658	158	83.7	8x8	7	15	7	16	.015
**SGO-7	2.00	240	750	180	83.6	8x8	8	15	7	17.7	.015
**SGO-8	2.30	266 (6)	833	200	—	8x12	8	20	7	19.4	.025
**SGO-9	2.55	295 (6)	921	221	—	8x12	8	20	7	21.2	.030

\* Substitute "P" for completely assembled packaged steam boiler without burner (SGO-3 through SGO-6 only). Substitute "A" for boiler only for use with approved burners as listed with I-B=R.  
 \*\* Available only as an "A" unit.

- (1) SGO boiler designed with convertible vertical and horizontal flue outlet.
- (2) MBH refers to thousands of Btu per hour.
- (3) Based on 140,000 Btu/gal.
- (4) Based on standard test procedures prescribed by the United States Department of Energy at combustion condition of 13.5% CO<sub>2</sub> and -0.02" W.C. draft overfire.
- (5) Net I=B=R ratings are based on net installed radiation of sufficient quantity for the requirements of the building and nothing need be added for normal piping and pick-up. Steam ratings are based on a piping and pick-up allowance of 1.33. An additional allowance should be made for unusual piping and pick-up loads. Consult local Weil-McLain Sales Office.
- (6) I=B=R gross output
- (7) See page 12 for minimum breeching diameter.
- (8) To water line.
- (9) Listed draft losses are for factory-shipped settings.



**WARNING** SERVICE TECHNICIAN ONLY — read and follow completely.

## Before installing boiler

**DANGER** Homeowner — STOP! The procedures and information on this and following pages are intended only for a qualified service technician who has the necessary equipment to inspect and adjust boiler and burner. A homeowner should never attempt these procedures. The service technician must also read pages 1 through 8 before proceeding.

### Installations must comply with

- United States
  - State and local plumbing, heating and electrical codes.
  - National codes where applicable.
- Canada
  - Canadian Standards Association, CSA B139, Installation Code for Oil-Burning Equipment.
  - CSA C22.1 Canadian Electrical Code Part One.
  - Applicable local or provincial codes.

### Before selecting boiler location

- Check for nearby connections to:
  - System water piping.
  - Chimney. See page 16. Boiler can be top or back vented.
  - Combustion and ventilation air supply. See page 10.
  - Oil supply. See page 30 for oil line routing.
  - Electrical power.
- Check area around boiler. Remove any combustible materials, gasoline and other flammable liquids.

**WARNING** Failure to keep boiler area clear and free of combustible materials, gasoline and other flammable liquids and vapors can result in severe personal injury, death or substantial property damage.

### Provide clearances around boiler (see Figure 3)

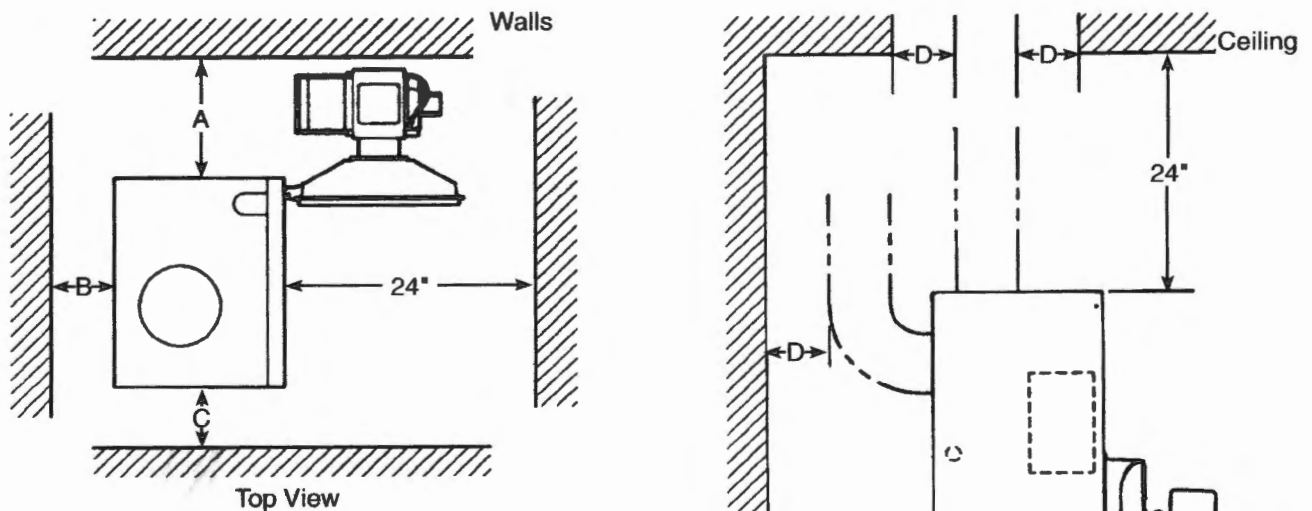
**NOTICE** Jacket cap must be in place on boiler to avoid requiring an 9" minimum clearance from back or top of boiler to combustible material.

- MINIMUM clearances from vent pipe to combustible material:
  - 6 inches — Type "L" double-wall vent
  - 9 inches — Single-wall vent

**NOTICE** Flue pipe clearances must take precedence over jacket clearances.

- Recommended SERVICE clearances:
  - 24 inches — Front and top
  - 6 inches — Left side, back and right side
  - 15 inches — Left side with tankless heater
  - 12 inches — Right side for burner door swing radius

**Figure 3** Recommended service clearances



- A** Provide 6" minimum clearance for service, provide 12" minimum clearance for burner door swing.
- B** Provide 6" minimum clearance for service.
- C** Provide 6" minimum clearance for service, provide 15" left side with tankless heater.
- D** Minimum clearance from vent pipe to combustible material: 6" for type "L" double-wall vent, 9" for single-wall vent.





# PORTLAND MAINE

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## Receipts Details:

**Tender Information:** Check , Check Number: 1629\$220.00

**Tender Amount:** 220.00

## Receipt Header:

**Cashier Id:** bsaucier

**Receipt Date:** 11/9/2012

**Receipt Number:** 50105

## Receipt Details:

Referance ID:	8697	Fee Type:	BP-Constr
Receipt Number:	0	Payment Date:	
Transaction Amount:	220.00	Charge Amount:	220.00
Job ID: Job ID: 2012-11-5374-HVAC - Install (2) Weilmclain SG0T4 boilers			
Additional Comments: 96 Vesper			

**Thank You for your Payment!**