

City of Portland, Maine - Building or Use Permit Application

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

Permit No: 06-1533	Issue Date: PERMIT ISSUED OCT 23 2006	CBL: 036 G005001
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Location of Construction: 245 High St	Owner Name: McLean Elizabeth A Trustee	Owner Address: 1 Maple Dr	Phone:
Business Name:	Contractor Name: Provencher Fuels, Inc	Contractor Address: 39 Cleaves St, Portland, Me	Phone: 2072848068
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: RC

Past Use: Multi - Tenant	Proposed Use: Multi-Tenant - install a Viessmann VRI -63 replacement boiler in basement	Permit Fee: \$150.00	Cost of Work: \$13,000.00	CEO District: 1
Proposed Project Description: install a Viessmann VRI -63 replacement boiler in basement		FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: R2 Type: SB IMC-2003	
<i>16 Room Lodging House</i>		Signature:	Signature: <i>JMB 10/19/06</i>	
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: 10/18/2006	Zoning Approval		
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<ol style="list-style-type: none"> 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 information may invalidate a building permit and stop all work.. 	Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan <i>OK</i> Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> Date: <i>JMB 10/19/06</i>	Zoning Appeal <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:	Historic Preservation <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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Business Name:	Contractor Name: Provencher Fuels, Inc	Contractor Address: 39 Cleaves ST. Biddeford	Phone: (207) 284-8068
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	

Proposed Use: Multi-Tenant - install a Viessmann VRI -63 replacement boiler in basement	Proposed Project Description: install a Viessmann VRI -63 replacement boiler in basement
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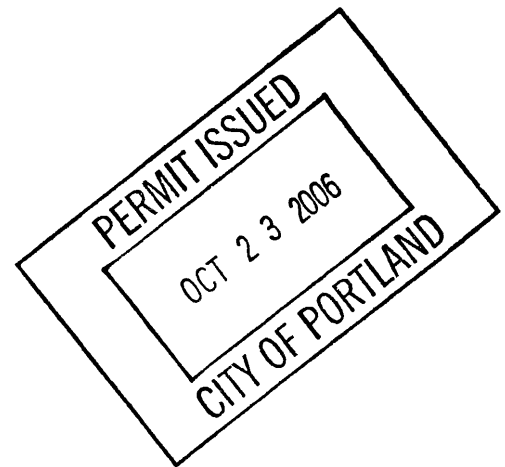
Dept: Zoning **Status:** Approved **Reviewer:** Jeanine Bourke **Approval Date:** 10/19/2006
Note: **Ok to Issue:**

Dept: Building **Status:** Approved with Conditions **Reviewer:** Jeanine Bourke **Approval Date:** 10/19/2006
Note: **Ok to Issue:**

1) Installation shall comply with 2003 International Mechanical Code and State of Maine Oil and Solid Fuel Board Laws and Rules

Dept: Fire **Status:** Approved with Conditions **Reviewer:** Jeanine Bourke **Approval Date:** 10/19/2006
Note: **Ok to Issue:**

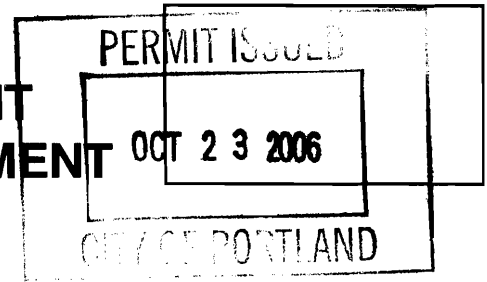
1) A smoke enclosure or sprinkler is required at the boiler





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 243 HIGH ST PORTLAND Use of Building TENEMENT Date 10/18/06
 Name and address of owner of appliance ELIZABETH McLEAN 37 FOOTE ST
OLD ORCHARD BEACH
 Installer's name and address PROVENCER FUELS 139 CLEAVES ST BIDDEFORD
 Telephone _____

Location of appliance:

- Basement Floor
 Attic Roof

Type of Fuel:

- Gas Oil Solid

Appliance Name: VISSMANN VRT-63

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 # MS30001177
 Oil # SAME
 Gas # PNT4782
 Other _____

Type of Chimney:

- Masonry Lined STAINLESS STEEL
 Factory built LINER TO BE INSTALLED

- 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 7 feet.

Cost of Work: \$ 13000

Permit Fee: \$ 150⁰⁰

Approved

Fire: _____
 Ele.: _____
 Bldg.: _____

Approved with Conditions

- See attached letter or requirement

Inspector's Signature _____

Date Approved _____

Signature of Installer Roger Provencier

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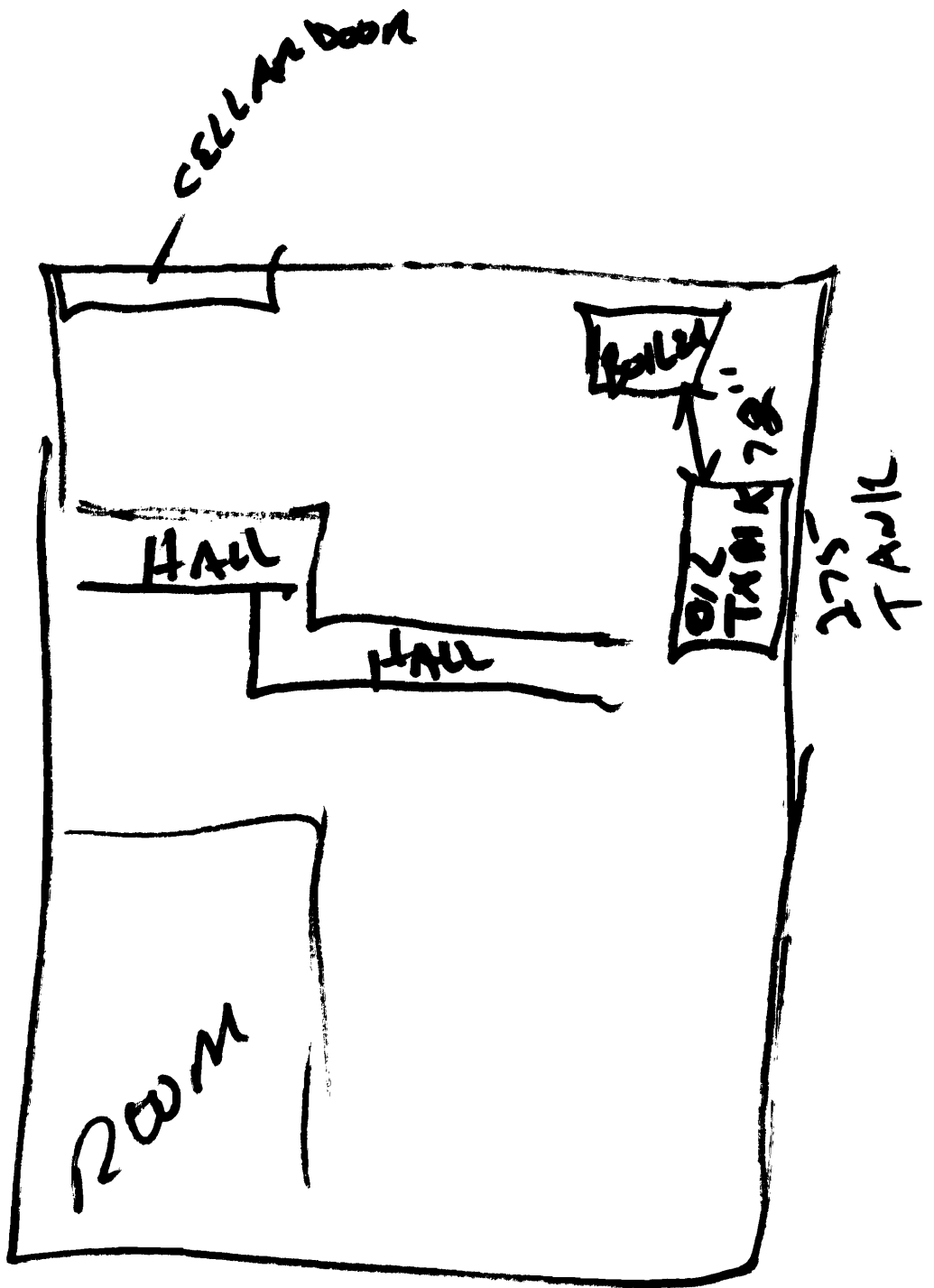
1) Installation shall comply with 2003 International Mechanical Code and State of Maine Oil and Solid Fuel Board Laws and Rules

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1) A smoke enclosure or sprinkler is required at the boiler



DRIVE WAY

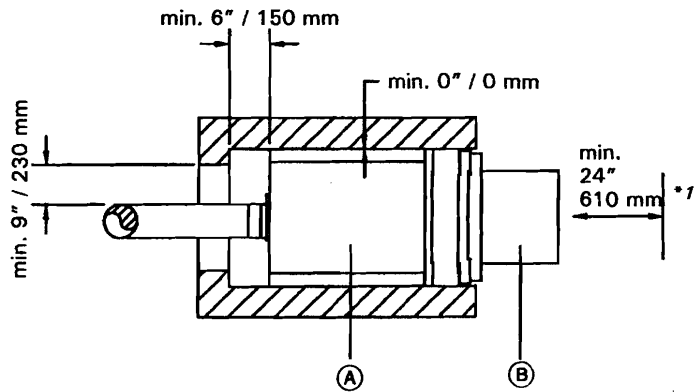


HIGA ST.

Minimum Clearances to Combustibles

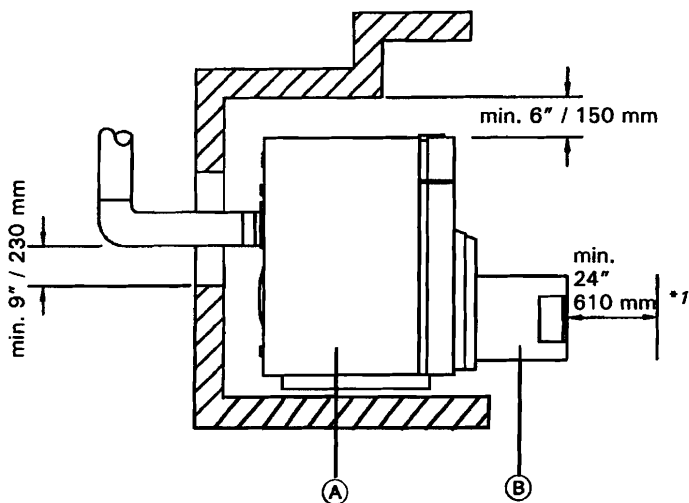
For typical installations, Viessmann recommends installing the boiler with clearances as published on page 10 under Recommended Minimum Clearances Service.

The following are clearances to combustibles:



Standard installation

Boiler Model	VR1	-40	-50	-
Rear	inches mm	6 150	6 150	1
Sides	inches mm	0 0	0 0	
Flue	inches mm	9 230	9 230	2
Floor	Combustibles			



Alcove installation

Boiler Model	VR1	-40	-50	-
Rear	inches mm	6 150	6 150	1
Sides	inches mm	0 0	0 0	
Flue	inches mm	9 230	9 230	2
Top	inches mm	6 150	6 150	1
Floor	Combustibles			

Legend

- (A) Boiler
- (B) Burner

*1 Clearance of 24" / 610 mm required for burner service.

Venting Connection (continued)



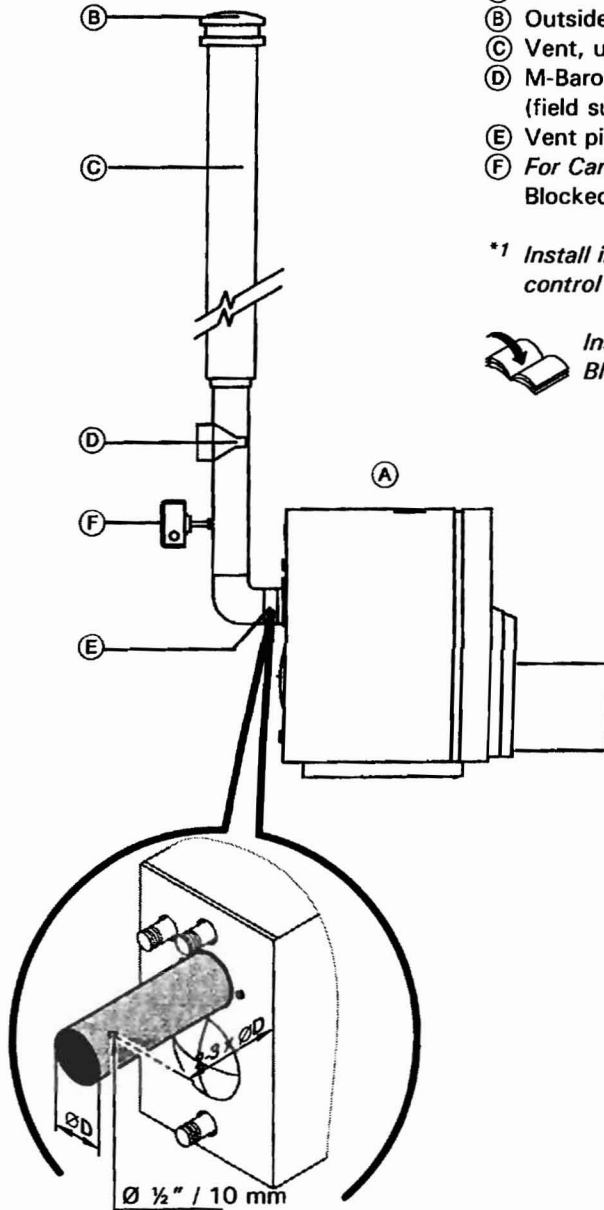
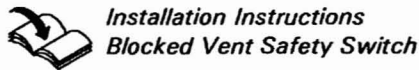
IMPORTANT

When installing piping or venting, or while insulating overhead pipes, do not stand on top panel of boiler. Advise other trades accordingly!

Legend

- (A) Vitorond boiler with burner
- (B) Outside rain cap
- (C) Vent, use approved vent material
- (D) M-Barometric damper (field supplied) for oil^{*1}
- (E) Vent pipe adaptor (factory supplied)
- (F) For Canada: Blocked vent safety switch

^{*1} Install in accordance with the draft control manufacturer's instructions.



Installation

Use approved vent material only.

1. Install the venting so as to achieve the shortest possible way with minimum elbows. If necessary, rearrange existing water piping to achieve closest chimney connection.
2. Horizontal runs must be supported by appropriate means to prevent sagging. Avoid long horizontal runs of vent pipe. Horizontal runs should have not less than 1/4" rise per ft. from the boiler to the vent terminal. Metal strapping must be used to support horizontal runs every 4 ft.
3. Connect factory supplied vent pipe adaptor (E) to flue gas collar. Fasten using either three equally spaced, corrosion resistant, self-tapping screws and high temperature silicone, or equivalent means.
4. Connect chimney via a 18" / 457 mm long field supplied, slightly inclined intermediate section of venting. Flue pipe outside Ø: 6".
5. Drill a 1/2" opening on the side of the vent pipe approximately three times the vent pipe diameter away from flue gas collar of the boiler for flue gas analysis equipment.
6. Seal all flue pipe joints.
7. Viessmann recommends that any non-insulated vent pipe is insulated to reduce cooling of flue gas and velocity noises.