

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND BUILDING PERMIT

This is to certify that FOX STREET REALTY – RISING TIDE
BREWERY

Located At 103 FOX ST

CBL: 023- A-008-001

Job ID: 2012-03-3580-CH OF USE/2012-44571 HVAC

has permission to Install a Columbia CT series Natural Gas Boiler with UL-441 metal chimney
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

[Signature] 6/24/12
Code Enforcement Officer / Plan Reviewer

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

*I Think this
Permit is
finalized —
see Don
TX*

City of Portland, Maine - Building or Use Permit Application

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

Job No: 2012-03-3580-CH OF USE 2012-44571 HVAC	Date Applied: 6/4/2012	CBL: 023- A-008-001	
Location of Construction: 103 FOX ST	Owner Name: FOX STREET REALTY	Owner Address: 322 FORE ST THIRD FLOOR PORTLAND, ME 04101	Phone:
Business Name:	Contractor Name: NASON MECHANICAL SYSTEMS	Contractor Address: 194 MERROW ROAD, AUBURN, ME 04210	Phone: 782-0727
Lessee/Buyer's Name:	Phone:	Permit Type: HVAC	Zone: ILb
Past Use: Low impact industrial use - Rising Tide Brewing Co.	Proposed Use: Same: Low impact industrial use- to install new steam boiler	Cost of Work: \$25,000.00	CEO District:
		Fire Dept: 6/13/12 Signature: <i>Bjorn Waldp.</i> (50)	Inspection: Use Group: F-2 Type: HVAC Signature: <i>JMB</i> 6/26/12
Proposed Project Description: install heating		Pedestrian Activities District (P.A.D.)	
Permit Taken By: Lannie	Zoning Approval		

<p>1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</p> <p>2. Building Permits do not include plumbing, septic or electrical work.</p> <p>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.</p>	<p>Special Zone or Reviews</p> <p><input type="checkbox"/> Shoreland</p> <p><input type="checkbox"/> Wetlands</p> <p><input type="checkbox"/> Flood Zone</p> <p><input type="checkbox"/> Subdivision</p> <p><input type="checkbox"/> Site Plan</p> <p><input type="checkbox"/> Maj <input type="checkbox"/> Min <input checked="" type="checkbox"/> MM</p> <p>Date: <i>6/15/12</i></p>	<p>Zoning Appeal</p> <p><input type="checkbox"/> Variance</p> <p><input type="checkbox"/> Miscellaneous</p> <p><input type="checkbox"/> Conditional Use</p> <p><input type="checkbox"/> Interpretation</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Denied</p> <p>Date:</p>	<p>Historic Preservation</p> <p><input checked="" type="checkbox"/> Not in Dist or Landmark</p> <p><input type="checkbox"/> Does not Require Review</p> <p><input type="checkbox"/> Requires Review</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Approved w/Conditions</p> <p><input type="checkbox"/> Denied</p> <p>Date: <i>[Signature]</i></p>
	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



PORTLAND MAINE

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Acting Director of Planning and Urban Development
Gregory Mitchell

Job ID: 2012-03-3580-CH OF USE

Located At: 103 FOX ST

CBL: 023- A-008-001

Conditions of Approval:

Fire

1. Installation shall comply with City Code Chapter 10.
2. Fuel-fired boilers shall be protected in accordance with NFPA 101, *Life Safety Code*.
3. 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.

Building

1. The installation must comply with the State of Maine Gas Regulations.
2. The appliance and venting shall be installed in accordance with the UL listing, manufacturer's specifications & NFPA 211.



FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT

2012-44571

ILB

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 23-A-8 Use of Building INDUSTRIAL Date 4/30/12
 Name and address of owner of appliance RISEING TIDE BREWING CO.
103 FOX ST. PORTLAND
 Installer's name and address NASON MECHANICAL SYSTEMS 194 MERRILL RD.
AUBURN, ME 04210 Telephone 207-782-0727

Location of appliance:

- Basement
- Floor
- Attic
- Roof

Type of Fuel:

- Gas
- Oil
- Solid

Appliance Name: STEAM BOILER

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 # PNT 570
- Other _____

Type of Chimney:

- Masonry Lined
Factory built _____

- Metal
Factory Built U.L. Listing # UL-441

- 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: \$ 25,000

Permit Fee: \$ 270

RECEIVED
 JUN 04 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 _____

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Boiler Company

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- **6 to 50 BHP**
- **201 to 1680 MBTU/hr.**
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- **Submerged Water Cooled Furnace (First in the Industry)**
- **High Efficiency Package Available**
- **Low Emission/NOx Burners Available**



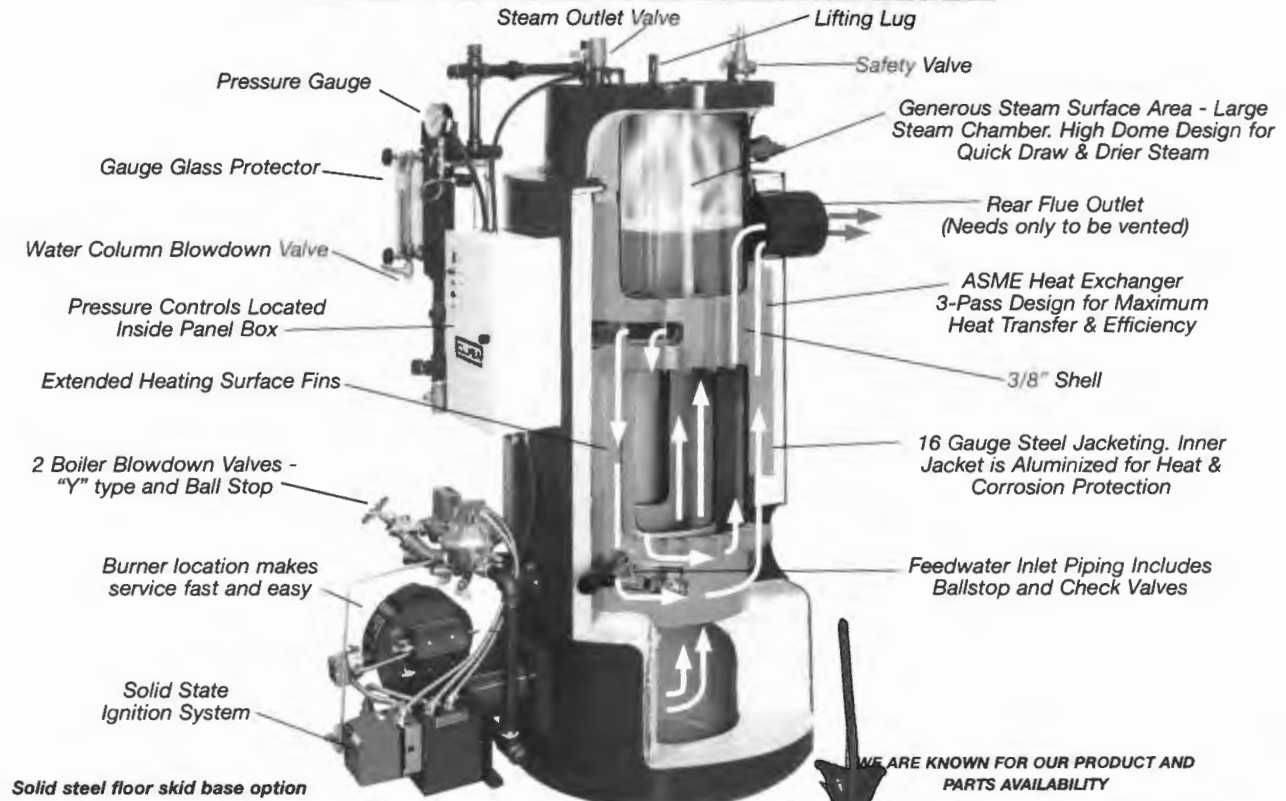
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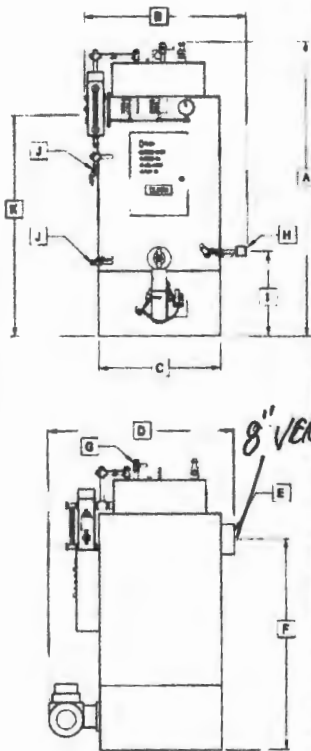


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CT SPECIFICATIONS AND DATA

MODEL NO	CT-6	CT-10	CT-15	CT-20	CT-25	CT-35	CT-50*
RATINGS:							
Horsepower	6	10	15	20	25	35	50
Gas Input (BTU per hour)	252,000	390,000	630,000	840,000	1,050,000	1,470,000	2,100,000
Oil Input (Gals. per hour)	2.00	3.05	4.50	6.00	7.50	10.50	15.00
Output (BTU per hour)	201,600	312,000	504,000	672,000	840,000	1,176,000	1,680,000
Output (Lbs. steam per hour)	207	320	517	690	862	1207	1725
Maximum Allowable Working Pressure	150	150	150	150	150	150	150
Water Capacity (Gals.)	16	27	37	48	59	90	240
Steam Release Surface Area	183 sq.in.	262 sq.in.	389 sq.in.	501 sq.in.	627 sq.in.	817 sq.in.	1402sq.in.
Hand Hole Sizes	(3) 3x4	(3) 3x3-3/4	(3) 3x3-3/4	(4) 3x3-3/4	(4) 3x3-3/4	(4) 3x3-3/4	(4) 3x3-3/4
BOILER DIMENSIONS:							
A Boiler Height (includes piping)	70"	78"	84"	90"	92"	96"	103"
B Boiler Diameter (left to right, packaged including M & M)	34"	36"	40"	41"	42"	43"	56"
C Boiler Diameter (left to right, less trim & piping)	27"	30"	34"	37"	40"	43"	56"
D Burner to Flue Outlet (approx.)	47"	48"	54"	58"	62"	71"	94"
E Flue Outlet (diameter)	6"	6"	8"	8"	10"	12"	12"
F Flue Outlet to Floor (centerline)	48-1/4"	50"	60"	63-1/2"	65-1/2"	69"	76-1/4"
G Steam Outlet (IPS)	3/4"	3/4"	1"	1"	1-1/4"	1-1/4"	2"
H Feedwater Inlet (IPS)	1/2"	1/2"	1/2"	3/4"	3/4"	3/4"	1"
I Feedwater Inlet to Floor (centerline)	22-3/8"	24-3/8"	24-3/8"	27-3/8"	28-3/8"	13-1/2"	15-1/2"
J Blowdown Outlet (IPS)	1"	1"	1"	1"	1"	1"	1-1/4"
K Normal Water Line to Floor	46-3/4"	54-1/2"	60-1/2"	60"	69"	71-1/2"	81-1/2"
Approx. Floor Space	3' x 5'	3' x 5'	3-1/4' x 5'	3-1/2' x 5-1/2'	4' x 6'	5' x 8'	6' x 10'
CRATED DIMENSIONS:							
Left to Right	38"	41"	43"	44"	44"	45-1/2"	56"
Front to Rear	53"	56"	62"	66"	66"	77"	96"
Height	73"	81"	86"	95"	95"	95"	104"
Approx. Shipping Wt. (skidded & crated)	1580 lb	1900 lb	2450 lb	3075 lb	3400 lb	4650 lb	6200 lb

CT BOILER/BURNER UNITS: Completely assembled, piped, wired & factory tested with steam pressure gauge, water level gauge, gauge cocks with ball checks, gauge glass protector, steam safety valve, steam supply ball valve, boiler and water column blowdown valves, hand hole inspection plate assemblies, feedwater inlet ball valve & check valve, jacket and 3" poured refractory insulation, water column with probe type low water cut-off and pump control, additional probe type low water cut-off with manual reset, steam pressure control, steam hi-limit pressure control with manual reset, feed pump motor contactor, and UL listed burner with safety and operating controls. CSD-1 approval is standard on all boilers.

* The CT 50 is built with a 3" supply fitting and a 3" return fitting for use as a hot water boiler.



MADE IN THE USA

Manufactured in USA by
COLUMBIA BOILER COMPANY
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 www.columbiaboiler.com
 cbcsales@columbiaboiler.com

