



EXISTING FUEL BURNING EQUIPMENT SAFETY TEST REPORT

(Use separate form for each Appliance)

Department of Safety & Inspections
Fire Prevention Division
375 Jackson Street - Suite 220
Saint Paul MN 55101
Fax: 651-266-8951

Address: 1660 Cumberland St. Date: 5/1/03
Owner: PRC Homes LP (contact Peggy)

Type of Heat:

Gravity Air _____ Forced Air _____ Gravity Hot Water _____ Forced Hot Water X
Steam _____ Unit Heater _____ Space Heater _____ Other _____

Type of Fuel: Gas X Oil _____ Other _____

Gas Design

Make of Burner Hydro Therm
Model no name plate
Serial no name plate
Input no name plate

Conversion

Make _____
Model _____
Max. BTU Rating _____
Make of Furnace _____

Equipment venting type: Atmospheric X Induced Fan _____ Other _____

Total BTU input of all vented gas appliances per chimney: Boiler Plus 120,000

Type of Chimney: Masonry X Class B _____ Other _____

Type of Liner: None _____ Metal _____ Clay Tile X

Combustible Air Supply Required?: Yes X No _____ Installed?: Yes X No _____

Safety & Operating Control Tests:

Yes No

Fuel Analysis/Flue Gas Analysis:

Yes No

Pilot/Flame Safeguard Operating Properly	<u>X</u>	_____	Vents Properly without Spillage	<u>X</u>	_____
Limit(s) Operating Properly	<u>X</u>	_____	Flame Stays Inside/Doesn't Roll Out	<u>X</u>	_____
Operator(s) Operating Properly	<u>X</u>	_____	Burner Lights Smoothly	<u>X</u>	_____
Low Water Cut-Off Operating Properly	<u>N/A</u>	_____			
All Controls Operating Properly	_____	_____			

Initial

Final

Visual Inspection

Yes No

Stack Temperature	<u>570</u> F/Net	<u>606</u> F/Net	Fuel Piping System - Okay	<u>X</u>	_____
Oxygen	<u>8.4</u> %	<u>9.2</u> %	Vent Systems—Draflthood, Connector, Vent Chimney-- Okay	<u>X</u>	_____
Carbon Dioxide	<u>7.1</u> %	<u>6.56</u> %			
Carbon Monoxide	<u>38</u> % / ppm	<u>40</u> % / ppm	Heating Unit - Okay	<u>X</u>	_____

Carbon Monoxide Detector (tube type) Positive _____ Negative _____

Look At Total Heating System Before You Leave:

Does system operate safely and properly? Yes X No _____

COMMENTS: would like boiler cleaned this summer fire side

Name of
Licensed Contractor: MK Mech. Inc. Address 23956 Olinda Ln Phone # 651-248-5795
Person Doing Test (Print) Mike Kaster (signature) Mike Kaster
Certificate of Competency Number from City of Saint Paul for Appropriate Fuel: 20040000723

1660 Cumberland

testo 327-1
V1.07 01573210/USA

04/29/2013 05:14:55

Fuel Nat Gas
CO2 max 11.7 %

begin Flue gas
9.2 % Oxygen
6.56 % CO2
40 ppm CO
606.6 °F T stack
75.0 % EFF
121.6 °F Dewpoint
66 ppm CO AirFree
71.6 °F Ambient temp
71.1 °F ExAir
76.8 °F Instrum temp
--- °F T1 temp.
--- °F T2 temp.
--- °F Diff. temp.
--- inH2O Diff. Press
--- inH2O Draft

testo 327-1
V1.07 01573210/USA

04/29/2013 05:10:37

Fuel Nat Gas
CO2 max 11.7 %

R. Bonil Flue gas
8.4 % Oxygen
7.01 % CO2
38 ppm CO
570.0 °F T stack
77.0 % EFF
123.4 °F Dewpoint
64 ppm CO AirFree
71.2 °F Ambient temp
60.8 °F ExAir
77.0 °F Instrum temp
--- °F T1 temp.
--- °F T2 temp.
--- °F Diff. temp.
--- inH2O Diff. Press
--- inH2O Draft



Fax 651-435-2079

Work Order/Job#	9119
Date:	5/1/13
Customer P.O.#	
Name:	PRC Homes LP
Address:	1660 Cumberland St.
Phone:	St. Paul

- ① Arrived To complete Pipe Safety Short Round Boiler OPE.
- ② Tried To Turn Boiler On Pumps would Not Run Then found Ambient Lockout Bad (Makes noise)
- ③ Boilers Dirty, Stack Temp High, Pumps Not Running Conting's, Tank Valves had wheel To be Replaced
- ④ Had To Jump ON Both Pumps To complete Test.
- ⑤ completed Test.

CONTACT was Pegar, 651-755-5573 PegliMAR@MSN.com

Bill To ⁰⁰¹ PRC Homes LP

1043 Grand Ave #309

ST. Paulino 55/04

MATERIALS/PARTS

[illegible]

MK Mechanical, Inc

23996 Olinda Trail North
Scandia, MN 55073

Phone # 651-245-6478

Invoice

Date	Invoice #
5/1/2013	4452

PRC Homes, LP

1043 Grand Ave #309
St Paul, MN 55104

Project 9119- 1660 Cumberland

Description	Qty	Rate	Amount
Labor Charges - Mike	2.5	108.00	270.00
Shop and trip charge		55.00	55.00
Service call to 1660 Cumberland St St Paul to perform Fires Safety Report. Mike found boilers off. Tried to turn boilers on and pumps would not run. Found ambient lockout bad. Burners dirty, zone valves need to be replaced. Had to jump on both pumps to complete test. Copy of report and orsat results enclosed.			

Payment Address: 20800 Grafton Ave N, Forest Lake MN 55025.

Total

\$325.00

PAYMENT TERMS: Net 30