



**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
Steam Unit Heater Space Heater Other

Type of Fuel: Gas 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 Induced Fan Other

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

Type of Chimney: Masonry Class B Other

Type of Liner: None Metal Clay Tile

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

Safety & Operating Control Tests:

	Yes	No
Pilot/Flame Safeguard Operating Properly	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Limit(s) Operating Properly	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Operator(s) Operating Properly	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Low Water Cut-Off Operating Properly	<u>N/A</u>	<input type="checkbox"/>
All Controls Operating Properly	<input type="checkbox"/>	<input type="checkbox"/>

Fuel Analysis/Flue Gas Analysis:

	Yes	No
Vents Properly without Spillage	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Flame Stays Inside/Doesn't Roll Out	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Burner Lights Smoothly	<input checked="" type="checkbox"/>	<input type="checkbox"/>

	<u>RT Burner</u> Initial	<u>Left Burner</u> Final
Stack Temperature	<u>570</u> F/Net	<u>606</u> F/Net
Oxygen	<u>8.4</u> %	<u>9.2</u> %
Carbon Dioxide	<u>7.1</u> %	<u>6.56</u> %
Carbon Monoxide	<u>38</u> % / ppm	<u>40</u> % / ppm

Visual Inspection

	Yes	No
Fuel Piping System - Okay	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Vent Systems—Draffhood, Connector, Vent Chimney-- Okay	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Heating Unit - Okay	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Carbon Monoxide Detector (tube type) Positive Negative

Look At Total Heating System Before You Leave:

Does system operate safely and properly? Yes 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 Koster (signature) Mike Koster
Certificate of Competency Number from City of Saint Paul for Appropriate Fuel: 20040000723

1660 Cumber land

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
 49 ppm CO
 606.6 % F T stack
 75.8 % F 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. Bowl Flue gas
 8.4 % Oxygen
 7.01 % CO2
 38 ppm CO
 570.0 % F T stack
 77.0 % F 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



23996 Glinda Trail North
 Scandia MN. 55073
 Phone 651-248-5195
 Fax 651-433-2073

Mechanical Inc.

MODEL:	Hydro Therm
MAKE:	
SERIAL NUMBER:	

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

DESCRIPTION OF WORK:

- (1) Arrived To complete Rile Safety Sheet
 Round Boiler OPR.
- (2) Tried to Turn boiler ON Pumps would not Run
 Then found Ambient Lockout had (W/thes noise)
- (3) burners Dirty, stack temp High, Pumps not running
 contacts, zone valves had need to be replaced
- (4) Had to Jump ON both Pumps to complete test
- (5) completed Test.

CONTACT was Peggy 651-755-5573 PE LINAR@MSN.COM
 Bill TO PRC Homes LP
 1043 Grand Ave #309
 ST. Paul MN 55104

MATERIALS/PARTS

Qty	P.O.#	PART NUMBER/DESCRIPTION	Amount	Qty	P.O.#	PART NUMBER/DESCRIPTION	Amount
		NO PARTS					

REFRIGERANT	QTY	Complete						Service man Signature	Total Material
RECOVERED:		Incomplete							
RECYCLE:		LABOR/HOURS						Customer Signature	Truck Charge
FUEL		Date			5/1				
NO2		Day	Mon	Tue	Wed	Thu	Fri	Sat	Sun
		Reg			2 1/2				
CO		O.T.							
INPUT		Total Regular Time							Total
STACK TEMP		Total Time and One-Half							
PRESSURE		Total Double Time							

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