

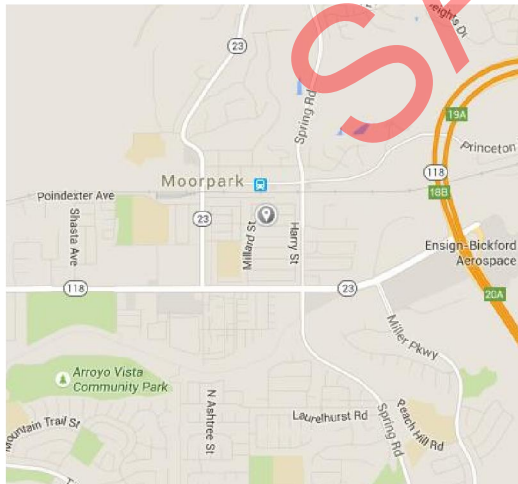


BPI Inspection Report

Test OUT: John Customer

Inspection Details

Date/Time:	2015-06-18 09:00:23
Street Address:	12345 Example St Los Angeles, CA 90011
Square Footage:	3300
Stories:	2
Average Ceiling Height:	10
Year Built:	1988
Garage:	Attached
Outside Temperature:	63
Number of Occupants:	3
Number of CO Detectors:	3
Number of Smoke Detectors:	8



Water Heater Details

Water Heater #1
Make: Kenmore
Model: 153.337463
Location: Attached Garage
Type: Natural Draft
Fuel: Natural Gas
Gallons: 40
BTUs: 40000



Water Heater #2

Water Heater #3

Furnace Details

Furnace #1
Make: Carrier
Model: 59SP2A060E14
Location: Attic
Type: Sealed Combustion FAU
Fuel: Natural Gas
BTUs: 56000



Furnace #2
Make: Carrier
Model: 59SP2A080E21
Location: Attached Garage
Type: Sealed Combustion FAU
Fuel: Natural Gas
BTUs: 76000



Furnace #3

Air Conditioner Details

Air Conditioner #1
Type: Split System
Make: Carrier
Model: 24AAA636A300
Location: Outside
Tonnage: 3



Air Conditioner #2
Type: Split System
Make: Carrier
Model: 24AAA648A300
Location: Outside
Tonnage: 4



Air Conditioner #3

Floor Details

Floor Type: Raised Floor
Insulation Type: None
Insulation Depth (in): 0
Insulation Condition: N/A
R-Value: 0
Are ducts present? No
Duct insulation R-Value: N/A



Attic Details

Attic Type:	Vaulted Attic
Insulation Type:	Fiberglass Batts
Insulation Depth (in):	10
Insulation Condition:	Fair
R-Value:	20
Radiant Barrier?	no
Are ducts present?	yes
Duct insulation R-Value:	R-8
Percentage of ducts buried:	0



SAMPLE

Wall Details

Are the walls insulated? no
Insulation Type:
Estimated R-Value:

Duct Leakage

	<u>System #1</u>	<u>System #2</u>	<u>System #3</u>
Was test performed?	yes	yes	no
Furnace Location:	Attic	Attached Garage	
Total Leakage CFM:	210	245	
Total Leakage %:	Heating: 17.3% Cooling: 17.5%	Heating: 14.8% Cooling: 15.3%	
Leakage-to-outside CFM:	205	199	
Leakage-to-outside %:	Heating: 16.9% Cooling: 17.1%	Heating: 12.1% Cooling: 12.4%	



Building Leakage

Was test performed?	yes
CFM50:	4434
BAS(building):	100%=3820.0 CFM 70%=2674.0 CFM
BAS(people):	100%=893.0 CFM 70%=625.0 CFM



Combustion Appliance Safety Sheet

Worst Case Depressurization Test Results

Zone:	<u>Main Body</u>	<u>CAZ #1</u>	<u>CAZ #2</u>	<u>CAZ #3</u>	<u>CAZ #4</u>	<u>CAZ #5</u>
Appliance:	N/A	Furnace #1, Water Heater #1	Furnace #2			
Result:	PASS	PASS	PASS			



Spillage, Draft, CO Test Results

	<u>Water Heater(s) [1-2-3]</u>	<u>Furnace(s) [1-2-3]</u>
Worst Case Spillage:	PASS - -	PASS - PASS -
Worst Case Draft:	PASS - -	N/A - N/A -
Worst Case CO level:	24 - -	- -
Natural Spillage:	N/A (Pass WC) - -	N/A (Pass WC) - N/A (Pass WC) -
Natural Draft:	N/A (Pass WC) - -	N/A (other) - N/A (other) -
Natural CO level:	- -	- -
Ambient CO level:	0 - 0 -	0 - 0 -

Combustion Ventilation Air (CVA)

<u>Water Heater(s) [1-2-3]</u>	<u>Furnace(s) [1-2-3]</u>
PASS--	PASS-PASS-

Flue Pipe Clearance

<u>Water Heater(s) [1-2-3]</u>	<u>Furnace(s) [1-2-3]</u>
PASS--	PASS-PASS-

Kitchen Test Results





<u>Appliance</u>	<u>Fuel Type</u>	<u>CO PPM</u>	<u>Vent Out Properly?</u>
Stove	Gas	2	Yes
Oven	Electric		N/A

Kitchen Ambient CO level: 0 PPM

Dryer Test Results

<u>Dryer Fuel Type</u>	<u>Ambient CO PPM</u>	<u>Vent Out Properly?</u>	<u>Metal Duct?</u>
Gas	0	yes	Yes

Additional Notes & Photos

General Notes:	
Asbestos/Mold:	no. .
Gas Leaks:	no. .
CVA issues:	<p><u>Water Heater(s) [1-2-3]:</u> Blocked CVA corrected. . .</p> <p><u>Furnace(s) [1-2-3]:</u> . . .</p>
Flue Pipe Issues:	<p><u>Water Heater(s) [1-2-3]:</u> Orphaned flue pipe lowers WCD limit to -2pa. . .</p>  <p><u>Furnace(s) [1-2-3]:</u> Flue pipe terminates w/in 4 ft of gable vent - Check mfg specs for proper clearance.</p> 
Water Heater(s):	Non metal stand - recommend drip tray. Model number obstructed by the earthquake strap...
Furnace(s):	...
Air Conditioner(s):	<p>Attached photos illustrates unsealed intake plenum ...</p> 
Attic Notes:	<p>Is there another attic type? no. Open areas of knee wall insulation could be reinstalled for higher R value. Fold-down stairs - Insulation & air sealing will greatly reduce infiltration / exfiltration.</p> 

Floor Notes:	Is there another floor type? no. .
Kitchen Notes:	
Dryer Notes:	
Worst Case Depressurization Notes:	
Spillage, Draft, CO Notes:	. . . Sealed combustion unit - no CO testing or draft measurement. . .
Duct Leakage Notes:	Intake plenum for 2nd story - not sealed. Many ducts travel through 2nd story floor encasement.
Building Leakage Notes:	

SAMPLE