Daily Safety Test-Out Summary Sheet

Client name:_____ Job #:_____

Revised 11/19/10

Test Set Up

		Day 1	Day2	Day3
Turn all combustion appliances off or to pilot		□ Yes	□ Yes	□ Yes
Remove forced air furnace filter	□ N/A	□ Yes	□ Yes	□ Yes
Close all exterior doors, windows and other openings		□ Yes	□ Yes	□ Yes
Close fireplace or woodstove dampers	□ N/A	□ Yes	□ Yes	□ Yes
Turn on clothes dryer and all other exhaust fans (Clean dryer lint trap and use a "no heat" setting) (Includes power attic ventilators) (Do not operate whole house exhaust fans)		□ Yes	□ Yes	□ Yes
Open supply registers (Close supplies in CAZ)	□ N/A	□ Yes	□ Yes	□ Yes
Interior door position:				
***Fan Off* – Close all doors except to rooms with exhaust fans**		□ Yes	□ Yes	□ Yes
***Fan On* – Smoke doors to rooms with exhaust fans**		□ Yes	□ Yes	□ Yes
Blower door used to simulate 300 CFM fireplace flow?	□ N/A	□ Yes	□ Yes	□ Yes

CAZ Depressurization Test

Gauge set up to measure CAZ WRT outside?			□ Yes		□ Yes		□ Yes
Technician:							
Date:							
	CAZ Door			CAZ Door		CAZ Door	
	Open	**Closed**		**Open**	**Closed**	**Open**	**Closed**
Furnace fan: **Off**	_____Pa	_____Pa	**Off**	_____Pa	_____Pa	**Off** _____Pa	_____Pa
Furnace fan: **On***	_____Pa	_____Pa	**On**	_____Pa	_____Pa	**On** _____Pa	_____Pa

* Reposition doors as needed

Recreate conditions which caused the greatest negative pressure in the CAZ

Appliance Testing

Water Heater: (Test the lowest Btu/hr input appliance first)

Fire the water heater	**Day 1**	**Day2**	**Day3**
Was initial flow established in the vent? (5 sec)	□ Yes □ No	□ Yes □ No	□ Yes □ No
Did spillage disappear within 2 minutes?	□ Yes □ No	□ Yes □ No	□ Yes □ No
Draft pressure after 5 minutes:	_____Pa	_____Pa	_____Pa

Furnace/boiler/space heater:

Fire the heating appliance		**Day 1**	**Day2**	**Day3**
Was initial flow established in the vent? (5 sec)		□ Yes □ No	□ Yes □ No	□ Yes □ No
Did spillage disappear within 2 minutes?		□ Yes □ No	□ Yes □ No	□ Yes □ No
Retest of smaller appliance:	Spillage	□ Yes □ No	□ Yes □ No	□ Yes □ No
	Draft pressure	_____Pa	_____Pa	_____Pa
Furnace draft pressure after 5 minutes:		_____Pa	_____Pa	_____Pa
Outdoor air temperature:		_____^{O}F	_____^{O}F	_____^{O}F

"Worst Case Depressurization" Draft Testing

Important

DO NOT BREATHE SPILLING FLUE PRODUCTS!

Be safe! If the appliance does not establish a flow in the vent almost immediately, abort the test and follow the "Response to Failure" procedures. Do not wait for 2 minutes to see if the spillage disappears if the flow in the vent is in the wrong direction and into the room.

Response to Failure:

1) Disable portions of "Worst Case" set-up until the furnace or water heater functions properly.

2) Inform the client of what to do/not do with the house until permanent corrective action can be taken.

3) Notify your Wx Auditor/Supervisor that action is needed to repair problems with the home.

Emergency condition

If "worst case" is completely undone and the appliances still do not function under "normal" operating conditions:

- **Do not operate the appliance until safety repairs are completed!**
- **Contact your supervisor.**

Specifications:

A) Flow of flue products must be established to the exterior of the structure in the vent almost immediately.

B) There should be no spillage within 2 minutes of operation.

C) Operation of the furnace should not cause spillage or a reduction in draft pressure in any other appliance it shares combustion air with.

C) Adequate draft pressure after 5 minutes is:

	Minimum Draft Pressure	
Outdoor Temperature	In. of Water Column	Pascals
Greater than 80 Degrees F.	-.005" W.C.	-1 Pa
Between 60 and 80 Degrees F.	-.008" W.C.	-2 Pa
Between 40 and 60 Degrees F.	-.012" W.C.	-3 Pa
Between 20 and 40 Degrees F.	-.016" W.C.	-4 Pa
Less than 20 Degrees F.	-.02" W.C.	-5 Pa