



# Daily Safety Test Out

Agency <input type="checkbox"/> BVCAP <input type="checkbox"/> CAPLSC <input type="checkbox"/> CAPMN <input type="checkbox"/> HFHO <input type="checkbox"/> CNCAP <input type="checkbox"/> NENCAP <input type="checkbox"/> NWCAP <input type="checkbox"/> SENCAP	Tester Name:	Job Number:
Client Name:	Address:	Phone:
		Date:

### TEST SET UP

	Day 1	Day 2	Day 3
Close the interior doors of all rooms EXCEPT for rooms with exhaust fan or a central forced air system return.	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> 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)	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes

### CAZ DEPRESSURIZATION TEST

Gauge set up to measure CAZ WRT outside?	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes
<b>Technician:</b> _____	_____	_____	_____
<b>Date:</b> _____	_____	_____	_____

	CAZ Door		CAZ Door		CAZ Door	
	Open	Closed	Open	Closed	Open	Closed
Furnace fan: <b>Off</b>	___ Pa	___ Pa	<b>Off</b> ___ Pa	___ Pa	<b>Off</b> ___ Pa	___ Pa
Furnace fan: <b>On*</b>	___ Pa	___ Pa	<b>On</b> ___ Pa	___ Pa	<b>On</b> ___ 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 per hour input appliance first)

Fire the water heater	<b>Day 1</b>	<b>Day 2</b>	<b>Day 3</b>
Did spillage disappear within 2 minutes?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No

**Furnace/boiler/space heater:**

Furnace not tested — June/July/August

Fire the heating appliance	<b>Day 1</b>	<b>Day 2</b>	<b>Day 3</b>
Did spillage disappear within 2 minutes? (warm vent)	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Did spillage disappear in 5 minutes? (cold vent)	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Outdoor air temperature:	___ °F	___ °F	___ °F

Notes:

**See Instructions and Specifications on Reverse Side**

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# “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:

<b>Outdoor Temperature</b>	<b>Minimum Draft Pressure</b>	
	<b>In. of Water Column</b>	<b>Pascals</b>
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