NEBRASKA
DEPT. OF ENVIRONMENT AND ENERGY

State of Nebraska Weatherization Assistance Program

Daily Safety Test Out

FORM WX10

Agency	Tester Name:	Job Number:
☐BVCAP ☐CAPLSC ☐CAPMN ☐UWM ☐CNCAP ☐NENCAP ☐NWCAP ☐SENCA		

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.	☐ 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

CAZ DEPRESSURIZATION TEST

	Day 1	Day 2	Day 3
Gauge set up to measure CAZ WRT outside?	☐ Yes	☐ Yes	☐ Yes
Technician:	_____	_____	_____
Date:	_____	_____	_____

	Day 1 CAZ Door		Day 2 CAZ Door		Day 3 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 per hour input appliance first)

Fire the water heater	Day 1	Day 2	Day 3
Did spillage disappear within 2 minutes?	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No

Furnace/boiler/space heater:

Furnace not tested — June/July/August

Fire the heating appliance	Day 1	Day 2	Day 3
Did spillage disappear within 2 minutes? (warm vent)	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Did spillage dissappear in 5 minutes? (cold vent)	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ 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:

	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