NEBRASKA
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DEPT. OF WATER, ENERGY, AND ENVIRONMENT

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:	_____	_____	_____

	CAZ Door Open	CAZ Door Closed	CAZ Door Open	CAZ Door Closed	CAZ Door Open	CAZ Door 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

This material was prepared with the support of the U.S. Department of Energy (DOE), Low Income Weatherization Assistance Program Grant. However, any opinions findings conclusions or recommendations expressed herein are those of the author and do not necessarily reflect the views of DOE.

“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