

State of Nebraska Weatherization Assistance Program

CAZ Depressurization Test



ss: n: st Steps ck gas line and fittings from meter to appliances for leaks and follow procedure i	City: Pre-test Date:	Project Nu Client Pho Post-date:	nne:	
n: st Steps				
st Steps	Pre-test Date:	Post-date:		
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ck gas line and fittings from meter to appliances for leaks and follow procedure i			Pre-Wx	Post-Wx
	f leak found.			
ect venting and deactivate all combustible appliances.				
ord outdoor temperature.			°F	°F
home up for CAZ Testing				
e all exterior windows and doors. Close interior doors except rooms with exhau , furnace and appliances. CAZ Doors Closed	st fans or return air vents. Close solid fuel d	lampers. Turn off all		
5. Set CAZ baseline with reference to outside on Monometer. Record pressure reading.			Pa	Pa
naust Fans				
ove filter from furnace and clean lint trap on dryer.				
7. Turn on all fans exhausting to outside: bath fans, dryer, kitchen fans, whole house vacuums, etc. Record pressure reading.			Pa	Pa
Handler				
hermostat, turn mode to "off" and fan to "on" to turn air handler on. Record pre	ssure reading.		Pa	Pa
ors				
Open interior door to CAZ. If pressure reading is more negative leave door open, if pressure reading is more positive leave door closed. Record pressure reading. This is your worst case depressurization.		Pa	Pa	
ter Heater				
Leave CAZ in worst case depressurization and turn water heater on. Check for spillage at the draft diverter with mirror or smoke device after 2 minutes.		Spillage Yes No	Spillage Yes No	
on combustion analyzer outdoors to set baseline for inside testing.				
2. Measure CO Air Free in undiluted gases at water heater throat before draft inverter after 5 minutes. Record CO measurement.		ppm	ppn	
onal step: Test draft pressure in flue.			Pa	Pa
rnace				
thermostat fan from "on" to "auto" and heat to "on". Turn temperature up to ens	sure furnace turns on.			
heck water heater for spillage at the draft diverter after furnace has been on for	2 minutes.			
10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	continued to the composition of	k gas line and fittings from meter to appliances for leaks and follow procedure if leak found. Let venting and deactivate all combustible appliances. Individuor temperature. Home up for CAZ Testing Ball exterior windows and doors. Close interior doors except rooms with exhaust fans or return air vents. Close solid fuel of furnace and appliances. CAZ Doors Closed CAZ baseline with reference to outside on Monometer. Record pressure reading. Baust Fans Dive filter from furnace and clean lint trap on dryer. Con all fans exhausting to outside: bath fans, dryer, kitchen fans, whole house vacuums, etc. Record pressure reading. Handler Termostat, turn mode to "off" and fan to "on" to turn air handler on. Record pressure reading. Tors Linterior door to CAZ. If pressure reading is more negative leave door open, if pressure reading is more positive leave door ord pressure reading. This is your worst case depressurization. Ter Heater Be CAZ in worst case depressurization and turn water heater on. Check for spillage at the draft diverter with mirror or smoke on combustion analyzer outdoors to set baseline for inside testing. Bure CO Air Free in undiluted gases at water heater throat before draft inverter after 5 minutes. Record CO measurement and step: Test draft pressure in flue. That the manufacture is a positive leave to one of the manufacture of the ma	k gas line and fittings from meter to appliances for leaks and follow procedure if leak found. set venting and deactivate all combustible appliances. Indicated outdoor temperature. Home up for CAZ Testing seal exterior windows and doors. Close interior doors except rooms with exhaust fans or return air vents. Close solid fuel dampers. Turn off all furnace and appliances. CAZ Doors Closed AZ baseline with reference to outside on Monometer. Record pressure reading. aust Fans ove filter from furnace and clean lint trap on dryer. on all fans exhausting to outside: bath fans, dryer, kitchen fans, whole house vacuums, etc. Record pressure reading. Handler ermostat, turn mode to "off" and fan to "on" to turn air handler on. Record pressure reading. ors interior door to CAZ. If pressure reading is more negative leave door open, if pressure reading is more positive leave door closed. ord pressure reading. This is your worst case depressurization. For Heater B CAZ in worst case depressurization and turn water heater on. Check for spillage at the draft diverter with mirror or smoke device after 2 minutes. In combustion analyzer outdoors to set baseline for inside testing. For the combustion analyzer outdoors to set baseline for inside testing. For the combustion analyzer outdoors to set baseline for inside testing. For the combustion analyzer outdoors to set baseline for inside testing. For the combustion analyzer outdoors to set baseline for inside testing. For the combustion analyzer outdoors to set baseline for inside testing. For the combustion and turn water heater throat before draft inverter after 5 minutes. For the combustion and turn water heater throat before draft inverter after 5 minutes. For the combustion and turn water heater throat before draft inverter after 5 minutes. For the combustion and turn water heater throat before draft inverter after 5 minutes. For the combustion and turn water heater throat before draft inverter after 5 minutes.	k gas line and fittings from meter to appliances for leaks and follow procedure if leak found. Interventing and deactivate all combustible appliances. Indicated outdoor temperature. Indic

Notes/comments:

Record steady state efficiency test and record measurement.

for corrective actions for spillage, and Table D.1.B for corrective actions on CO.

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Measure CO Air Free in furnace undiluted gases after 5 minutes - 60% furnace in ports before draft diverter, 80% furnace in flue 18"-24" above furnace or first elbow, 90% furnace at outside PVC termination. Record CO measurement.

Consult BPI-1200 Standards page 13, Table 1 for CO thresholds. If any test fails, consult BPI-1200 standards page 42, Annex D, Table D.1.A

Measure heat rise with thermometer(s), one in supply and one in return ducting. Reference heat rise on manufacture plate on furnace.

ppm

%

°F

ppm

%

°F