

COMBUSTION SAFETY NOTIFICATION



Sign and date completed form to acknowledge notification that the following combustion safety conditions were identified during your home's energy assessment. Combustion safety inspections and tests are performed to identify potential health and safety conditions. These issues can be potentially life threatening or hazardous situations. This testing was conducted in accordance with the protocols approved by the Home Performance with ENERGY STAR® Program. You will still receive incentives for this project, though until these safety issues have been resolved this home is not eligible for any further Focus on Energy Home Performance with ENERGY STAR® Program incentives for air sealing and insulation measures. We recommend you contact a qualified service technician to correct the issue(s).

Section 1: General Information			
Trade Ally/Contractor:		Trade Ally/Contractor Telephone:	
Street Address:		City:	State: Zip Code:
Customer Name:		Customer Telephone:	
Street Address:		City:	State: Zip Code:
Email:		Assessment Date:	Snugg Pro Job #:
Section 2: Areas of Concern			
<input type="checkbox"/> High Carbon Monoxide (CO) Levels			Air Free = CO(O)
Water Heater (200 ppm limit):	PPM CO(O):	Boiler/Furnace (400 ppm limit):	PPM CO(O):
Ambient CO (see description below)	PPM CO(O):	Gas Oven (225 ppm as measured):	PPM:
<input type="checkbox"/>	If the CO instrument indicates an ambient CO level of 70 ppm or greater, the auditor shall immediately terminate the inspection and notify the homeowner/occupant of the need for all building occupants to evacuate the building. The auditor shall immediately leave the building and the appropriate emergency services shall be notified from outside the home.		
<input type="checkbox"/>	If the CO instrument indicates an ambient CO reading in the range of 36 ppm-69 ppm, the auditor shall advise the homeowner/occupant that elevated levels of ambient CO have been detected. Windows and doors shall be opened. The auditor shall recommend that all possible sources of CO be turned off immediately. Where it appears that the source of CO is a permanently installed appliance, the auditor shall recommend that the appliance be turned off and the homeowner/occupant shall be advised to contact a qualified professional.		
<input type="checkbox"/> High Ambient Carbon Monoxide (CO)			
Location 1:	PPM:	Location 2:	PPM:
<input type="checkbox"/> Appliance Spillage (combustion gases not exiting the house through the flue but instead back drafting CO into the home)			
Appliance 1:		Appliance 2:	
<input type="checkbox"/> Gas Leak			
Location 1:	Repair Required: <input type="checkbox"/> Yes <input type="checkbox"/> No	Location 2:	Repair Required: <input type="checkbox"/> Yes <input type="checkbox"/> No
Notes/Comments:			
Section 3: Signatures			
By signing below you acknowledge that the combustion safety issues, as described above, exist in your home, that you have been informed of the situation, and you agree to hold the company listed above harmless. The company above expressly disclaims any and all warranties or representations of any kind, whether oral, statutory, expressed or implied, including without limitation warranties of suitability or fitness. This notice does not constitute an endorsement or warranty regarding the presence or absence of other real or potential health and safety hazards that may exist at this address or on the premises.			
Customer Signature:			Date:
Trade Ally (Contractor) Signature:			Date:

Carbon Monoxide Effects

Carbon Monoxide Level	Action
1-4 ppm	Normal Levels in human tissues produced by body.
3-7 ppm	14% increase in rate of hospital admissions in non-elderly for asthma.
9 ppm	ASHRAE standard for allowable spillage from a vented appliance, indoors, for 8 hours exposure daily.
15-20 ppm	First level World Health Organization lists as causing impaired performance, decrease in exercise time and vigilance.
25 ppm	Maximum allowable in a parking garage.
27 ppm	21% increase in in cardio-respiratory complaints.
30 ppm	Earliest onset of exercise-induced angina.
35 ppm	US NIOSH recommended 8 hour maximum workplace exposure.
50 ppm	US OSHA Recommended 8 hour maximum workplace exposure.
70 ppm	1st Alarm level of UL2034 approved CO alarms.
100 ppm	Maximum NCI CO level during run cycle in all vented appliances.
200 ppm	First listed level at which healthy adults will have headaches, nausea.
400 ppm	Healthy adults will have headaches within 1-2 hours. Life threatening after 3 hours.
800 ppm	Healthy adults will have nausea, dizziness, then convulsions within 45 minutes. Unconsciousness after 2 hours, followed by death.
800 ppm	Death in 2-3 hours.
1600 ppm	Death in one hour.
2000 ppm	Death in about 45 minutes.
6400 ppm	Death in 15 minutes.