NOTIFICATION OF COMBUSTION AND MECHANICAL VENTILATION

Complete and return signed form as an acknowledgment that the following combustion safety conditions were identified during your home's energy assessment. The testing was conducted in accordance with the protocols approved by the U.S. Department of Energy Home Performance with ENERGY STAR® Program. Combustion safety inspections and tests are performed to identify potential health and safety conditions. These issues can be potential life-threatening or hazardous situations. Until these issues have been resolved, you are not eligible for any FOCUS ON ENERGY® rebates for air sealing and insulation projects. We recommend you contact a qualified service technician to correct the issue(s) or provide additional information.

Combustion Safety

Combustion appliances produce exhaust gases that should be directly vented to the outdoors to prevent introducing combustion byproducts into the home. Byproducts can be carbon monoxide and moisture.

Carbon monoxide is a toxic gas that is colorless, odorless, and tasteless. The gas is produced when insufficient combustion air is supplied to the appliance, the burner is improperly tuned, and/or the appliance is malfunctioning. Carbon monoxide can cause serious medical problems or death if it enters your home and is left undetected/untreated.

Maintain equipment per manufacturer's instructions. Typical maintenance includes:

- Changing furnace and ventilation equipment filters regularly.
- Cleaning your oven per manufacturer's instructions and having it serviced about every two years.
- Scheduling annual tune-ups for your space heating and water heating equipment.
- Keeping air intake and exhaust ports on the outside of your home free from obstructions.

Test carbon monoxide alarms regularly. Make a habit of testing detector batteries once a month. Units should be replaced every three to five years.

Combustion Safety

The following conditions were identified in your home. Combustion safety inspections and tests are performed to identify potential health and safety conditions that can be potentially life-threatening or hazardous.

Gas Leak

☐ Not tested / Not applicable ☐ None found ☐ Gas detector installed ☐ Found – Location: _____

Ambient Carbon Monoxide Levels

☐ Not tested / Not applicable ☐ 0–8 ppm ☐ 9–35 ppm ☐ 36–69 ppm ☐ 70+ ppm ☐ Carbon monoxide detector installed

Location: _____

Trade Ally MUST install CO detectors on all conditioned floors for all jobs when none are present. A UL Listed Combustible Gas Alarm must be installed on the floor of the home with the greatest total length of gas line when no energy assessment is performed.

Equipment Carbon Monoxide Levels	Spillage
Furnace / Boiler ☐ Not tested / Not applicable ☐ Acceptable ☐ Unacceptable	**Furnace / Boiler** ☐ Not tested / Not applicable ☐ None found ☐ Found
Water Heater ☐ Not tested / Not applicable ☐ Acceptable ☐ Unacceptable	**Water Heater** ☐ Not tested / Not applicable ☐ None found ☐ Found
Stove ☐ Not tested / Not applicable ☐ Acceptable ☐ Unacceptable	Notes / Comments:

NOTIFICATION OF COMBUSTION AND MECHANICAL VENTILATION

Mechanical Ventilation

Inadequate ventilation reveals itself in several ways. Be on the lookout for lingering odors or musty smells, stale or stuffy air, condensation inside or outside of windows, excessive humidity, and mold or mildew.

Three easy ways to improve indoor air quality:

- **Spot ventilation**: Add a bath or kitchen fan near the moisture or pollution source.
- **Whole-house ventilation:** Use a bath fan or a fresh-air intake on the furnace along with a controller to provide fresh air.
- **Heat recovery or energy recovery ventilation:** Make whole-house ventilation a part of your heating system.

Things to watch out for when improving ventilation:

- Possible back drafting of combustion appliances.
- Dangerous pollutants entering your home if air sealing between the home and attached garage is not addressed.

Mechanical Ventilation

In general, the program recommends that all homes have mechanical ventilation to help control indoor moisture and odors and improve the quality of indoor air. Consider installing a ventilation system that meets the standard.

Mechanical Ventilation Requirements, CFM

Floor Area, sq. ft.	Bedrooms				
	1	2	3	4	5
<500	30	38	45	53	60
501–1,000	45	53	60	68	75
1,001–1,500	60	68	75	83	90
1,501–2,000	75	83	90	98	105
2,001–2,500	90	98	105	113	120
2,501–3,000	105	113	120	128	135
3,001–3,500	120	128	135	143	150

Ventilation

☐ Not tested ☐ Tested – Existing total CFM: _____

Notes / Comments:

Home Information

Customer Name:

Customer Address:

City:	State:	ZIP:

Signature

By signing below, you acknowledge that you have been informed of combustion safety and ventilation recommendation(s). You agree to hold Focus on Energy and the Trade Ally contractor harmless. Focus on Energy 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:

Rebates are subject to change and cannot exceed project costs.

REDUCING ENERGY WASTE ACROSS WISCONSIN

Focus on Energy, Wisconsin utilities' statewide program for energy efficiency and renewable energy, helps eligible residents and businesses save energy and money while protecting the environment. Focus on Energy information, resources, and financial incentives help to implement energy efficiency and renewable energy projects that otherwise would not be completed.

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