

 <p>State of Ohio Weatherization Program Standards</p>	Section	MECHANICAL SYSTEMS FINAL INSPECTION
	Subject	Other Combustion Appliances

FUEL SUPPLY 401-3.1

Ensure that there are no gas leaks at the combustion appliances, or in the pipes leading to them. Ensure that all flexible range connectors are in good condition and functioning properly.

gas leaks
401-3.1a

Ensure that all shut-off valves to the cookstove and other combustion appliances are in good condition and functioning properly.

gas shut-off
401-3.1b

OVEN VENT 401-3.2

Ensure that an oven vented to the outside is safe and effective.

vent to outside
401-3.2a

GAS COOK STOVE EXHAUST FAN 401-3.3

If there is an existing exhaust fan that is vented to the outside, ensure that it is installed properly and functioning effectively and safely.

exhaust fan, vented to outside
401-3.3a

Ensure that the customer understands proper fan usage.

proper use
401-3.3b



CARBON MONOXIDE ACTION LEVELS 401-3.4

Ensure that the amount of CO is less than 25 ppm at each burner, or that there is a properly sized and rated ventilation system to exhaust the CO (see 1506-2).

stove top burners
401-3.4a

Ensure that the oven is producing less than 25 ppm CO in the ambient air, and less than 100 ppm in the vent (that is not vented to the outside), or that there is a properly sized and rated ventilation system to exhaust the CO (see 1506-2).

oven/broiler
401-3.4b

CLOTHES DRYERS (ALL ENERGY SOURCES) 401-3.5

Ensure all clothes dryers are vented outside to daylight.

vent to outside
401-3.5a

**dryer vent duct
material (rigid-metal)**
401-3.5b

Ensure the clothes dryer is vented with a rigid-metal duct that has a smooth interior surface, is a minimum of 30 gauge galvanized steel or aluminum, and is equipped with a backdraft damper. Ensure the duct is run with the joints in the direction of the air flow and is not fastened with screws or other fasteners that extend into the duct.

**dryer vent duct
material (flexible-
metal)**
401-3.5c

Ensure the diameter of the dryer vent duct is at least the diameter of the appliance outlet. Ensure the 4 inch diameter dryer vent duct does not exceed the maximum length of 25 feet from the clothes dryer outlet to the termination point. If the length exceeds 25 feet, increase the duct diameter to 5". A reduction in maximum length of 2.5 feet for every 45 degree bend and 5 feet for every 90 degree bend shall apply).

**vent duct sizing (rigid-
metal)**
401-3.5d

Ensure the diameter of the dryer vent duct is at least the diameter of the appliance outlet. Ensure the 4 inch diameter dryer vent duct does not exceed the maximum length of 25 feet from the clothes dryer outlet to the termination point. If the length exceeds 25 feet, increase the duct diameter to 5". (A reduction in maximum length of 2.5 feet for every 45 degree bend and 5 feet for every 90 degree bend shall apply).