



State of Ohio
Weatherization Program
Standards

Section	MOBILE HOME MECHANICAL SYSTEMS FINAL INSPECTION
Subject	Other Combustion Appliances

FUEL SUPPLY 801-3.1

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
801-3.1a

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

gas shut-off valve
801-3.1b

OVEN VENT 801-3.2

If the oven is vented to the outside, ensure that it is vented safely and effectively.

vent to outside
801-3.2a

GAS COOK STOVE EXHAUST FAN 801-3.3

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

exhaust fan, vented to outside
801-3.3a

CARBON MONOXIDE ACTION LEVELS 801-3.4

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
801-3.4a

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.

oven/broiler
801-3.4b

CLOTHES DRYERS (ALL ENERGY SOURCES) 801-3.5

Ensure that all clothes dryers are vented outside to daylight.

vent to outside
801-3.5a

Ensure that all clothes dryers that are vented horizontally under a mobile home have 1/8" per foot slope toward the termination hood.

horizontal vent slope
801-3.5b

dryer vent duct material (rigid-metal)
801.3.5c

Dryer vent ducts for clothes dryers must be smooth surfaced, rigid duct, are not to be insulated, 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)
801-3.5d

Ensure the clothes dryer is vented with a flexible-metal transition duct that is approved for use with the applicable energy source. The preferred material for transition and exhaust duct is rigid-metal. Ensure that it is installed in a manner that minimizes overall length, and that it is sufficiently supported to eliminate sagging.

dryer vent duct sizing (flexible-metal)
801-3.5e

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 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).