

ZLINE RG Series Gas Ranges: Inspection Instructions for Servicing Technicians

⚠WARNING

Only a LICENSED or CERTIFIED technician trained in measuring carbon monoxide using a FLUE GAS ANALYZER should inspect your gas range.

The following instructions are based on the combustion requirements of ANSI Z21.1/CSA 1.1 *Household Cooking Gas Appliances*. Gas ranges inspected in response to this notice must meet the following performance criteria:

“An appliance shall not produce a concentration of carbon monoxide in excess of 0.08 percent in an air-free sample of the flue gases when the appliance is tested in a room having approximately a normal oxygen supply.”

Before Performing the Inspection

1. Confirm that all cookware, or other baking equipment/accessories have been removed from top burners and from within the gas range oven.
2. Confirm grill top plates, oven racks, and the drip tray are installed per the manufacturer's recommended operating instructions.

Bake Setting Flue Gas Measurement

3. Turn on the bake function of the gas range oven to run at its maximum temperature.
4. After the burner has been in operation for five (5) minutes, measure the flue gas carbon monoxide level using a calibrated flue gas analyzer. Samples shall be taken from the vent located towards the back of the top burners as seen below in **Figure A**:
5. Insert the flue gas analyzer probe into the flue vent.
6. Measure the flue gases for the amount of time required by the flue gas analyzer being used to obtain an accurate CO measurement and determine the air-free CO concentration.
7. Turn the oven off and open the oven door. Allow the oven cavity to air out for five (5) minutes before beginning the Broil Setting Flue Gas Measurement Test.

Broil Setting Flue Gas Measurement

8. Turn on the broil function of the gas range oven to run at its maximum temperature.
9. After the burner has been in operation for five (5) minutes, measure the flue gas carbon monoxide level using a calibrated flue gas analyzer. Samples shall be taken from the vent located towards the back of the top burners as seen below in **Figure A**:
10. Insert the flue gas analyzer probe into the flue vent.
11. Measure the flue gases for the amount of time required by the flue gas analyzer being used to obtain an accurate CO measurement and determine the air-free CO concentration.



Figure A: This figure demonstrates a proper sampling location. The gas range oven cavity vents itself out through flue vents located behind the left or right side of the top burners of the stove top.

If the carbon monoxide level measured is greater than 0.08 percent air-free CO (800 ppm air-free CO), the gas range does NOT meet the combustion performance requirements of ANSI Z21.1/CSA 1.1 *Household Cooking Gas Appliances*.

Servicing Technicians are to inform consumers that the range failed testing and that consumers should immediately STOP using the oven compartment of the range. The technician will also advise the consumer to contact ZLINE to either replace the gas range or receive a refund. Servicing Technicians* must report their measurements at [this link](#).

If the carbon monoxide level measured during BOTH the bake AND broil tests are less than 0.08 percent air-free CO (800 ppm air-free CO), Servicing Technicians are to inform the consumer that the range passed the tests. Servicing Technicians* must report their measurements at [this link](#).

No further action is required.

*** Consumers who arranged for their own testing must submit the (i) Servicing Technician receipt and (ii) the completed test measurement form at [this link](#) to obtain reimbursement.**