



GAS COOK STOVE AND OVEN INFORMATION

Client Name: _____ Job #: _____

Make: _____ Model: _____ Serial: _____

Condition of Appliance: _____

LP Gas _____ Natural Gas _____ Gas Leaks? Yes / No Repaired? Yes / No

Range Top Level? Yes / No Range Top left in Level Condition? Yes / No

Brass Flex Connector? Yes / No Condition: _____ Replaced? Yes / No

Exhaust Fan? Yes / No Vented Outside? Yes / No Is the fan Functioning? Yes / No

Auditor: _____ **Date:** _____

| | |
|---|-------------------------------|
| Ambient CO Levels Pre: _____ ppm | Post: _____ ppm |
| Left Rear Burner: _____ ppm | Right Rear Burner: _____ ppm |
| Left Front Burner: _____ ppm | Right Front Burner: _____ ppm |
| Oven Burner CO: _____ ppm | |

Technician: _____ **Date:** _____

| | |
|---|-------------------------------|
| Ambient CO Levels Pre: _____ ppm | Post: _____ ppm |
| Left Rear Burner: _____ ppm | Right Rear Burner: _____ ppm |
| Left Front Burner: _____ ppm | Right Front Burner: _____ ppm |
| Oven Burner CO: _____ ppm | |

QCI: _____ **Date:** _____

| | |
|---|-------------------------------|
| Ambient CO Levels Pre: _____ ppm | Post: _____ ppm |
| Left Rear Burner: _____ ppm | Right Rear Burner: _____ ppm |
| Left Front Burner: _____ ppm | Right Front Burner: _____ ppm |
| Oven Burner CO: _____ ppm | |

Comments / Repairs: _____

COOK STOVE AND OVEN PROTOCOL

Is the appliance safe to operate? Check for gas leaks. Check the condition of the flex connector. Repair any gas leaks and replace the flex connector if it is badly kinked, in poor condition or a brass connector manufactured before 1974. The appliance shall have a user-friendly gas shut off valve on the inlet side of the flex connector.

Does the appliance area have an operating exhaust fan that vents to the exterior of the building? Inoperable fans that vent to the outside should be repaired. All fans should be vented to the outside if possible. Mobile homes shall have an exhaust fan that vents to the outside. The fan should be switched on and left operating for the duration of the test.

Make sure you are not breathing excessive amounts of carbon monoxide while the testing is being performed. Clear your CO instrument outside in a clean environment and document pre-testing ambient levels around the appliance. Be aware that ambient levels can change as you test. Document post-testing CO ambient levels. For worker safety, cease testing and investigate repairs if ambient CO levels exceed 70 PPM.

- Remove any blockage of the air inlet holes in the oven such as aluminum foil covering the oven bottom. Close the oven and broiler drawer doors.
- Carbon monoxide levels should be checked at the oven exhaust port after 5 minutes or when the reading stabilizes.
- If the oven has a top and a bottom burner, then two readings need to be obtained; one reading with the bake/bottom burner on, and the other reading with the broil/top burner on. For the oven burner, test at its outlet.
- Turn the oven burner and then range burners to high one-by-one. Inspect the flames and test them for CO. Set the oven on broil (or its highest setting) so it runs for the duration of the test. There will be an initial spike in the reading as the oven warms up.
- For range burners, hold the test probe approximately 8 inches above the flame. If the CO reading for the oven exceeds 225 ppm or any of the range top burners exceed 100 ppm, clean and tune the burner. For range tops, if after servicing, the CO level still exceeds 100 ppm, install a CO alarm in the same room as the appliance and perform client education on use of the range. Consider a kitchen rated CO alarm.

For ovens, if after servicing, the CO level still exceeds 225 ppm, install a CO alarm in the same room as the appliance. Additionally, install a kitchen exhaust fan (minimum 100 cfm) to vent the CO to the exterior OR replace the range if a fan is not an option. Consider a kitchen rated CO alarm. Make sure the range top is level front to back and side to side before leaving. Any information regarding the appliance condition, operation or repairs should be noted in the comments/repair section of the information page. Educate the homeowner. The exhaust fan should be operating when the stove or oven is on. Point out the need to keep the air inlet openings in the oven free from obstruction. A dirty appliance may contribute to carbon monoxide production.