

IBA Home Energy Conservation Gas Cook Stove and Oven Form for Auditors & Contractors

Client Name: _____ Client/Job Application ID: _____
 Client Address: _____ County: _____

Mobile Home Site Built

Manufacturer of Gas Cook Stove: _____ Model of Gas Cook Stove: _____

Serial # of Gas Cook Stove: _____ Type of Gas Cook Stove: Gas LP Gas

Condition of Appliance: Excellent Good Fair Poor Not working

Initial Auditor: _____

Initial Audit Date: _____

Gas Leaks: Yes No Repair

Range Top Level: Yes No Repair

Brass Flex Connector Good Replace
replace if damaged or pre 1974

Exhaust Fan: Yes No
(Required if Mobile has Gas Stove)

Is Fan Operational: Yes No Repair

Install New Fan: Yes No
 Fan Size: _____ Fan Color _____

Exhaust Fan Vented to Outside:
 Yes No Install
(mobile home must be vented to outside, not site built)

Does Venting Need Repaired:
 Yes No Repair

Carbon Monoxide Testing:
Furnace blower on

Ambient: If Ambient CO Level is greater than 35 PPM, cease testing and investigate for repairs.
Burners: If top burner(s) is greater than 30 PPM above ambient CO Contractor to clean and adjust.
Oven Burner: If burner is greater than 150 above ambient CO Contractor to clean and adjust.

Initial Auditor:

Carbon Monoxide PPM

Ambient CO Level – Pre _____

Ambient CO Level – Post _____

Left Rear Burner: _____

Right Rear Burner: _____

Left Front Burner: _____

Right Front Burner: _____

Oven Burner Top: _____

Oven Burner Bottom: _____

Contractor Clean and Adjust
(inspection audit required after repairs are made)

Comments / Repairs: _____

Contractor: _____

Service Date: _____

No Repaired

Yes Repaired

Good Replaced

Yes Repaired N/A

No Installed N/A

Yes Installed N/A

No Repaired N/A

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Furnace blower on

Ambient: If Ambient CO Level is greater than 35 PPM, cease testing and investigate for repairs.
Burners: If top burner(s) is greater than 30 PPM above ambient CO Contractor to clean and adjust.
Oven Burner: If burner is greater than 150 above ambient CO Contractor to clean and adjust.

Contractor:

Carbon Monoxide PPM

Ambient CO Level – Pre _____

Ambient CO Level – Post _____

Left Rear Burner: _____

Right Rear Burner: _____

Left Front Burner: _____

Right Front Burner: _____

Oven Burner Top: _____

Oven Burner Bottom: _____

Contractor Cleaned and Adjusted

Comments / Repairs: _____

Inspection Auditor: _____

Inspection Audit Date: _____

Pass Fail N/A

Pass Fail N/A

Pass Fail N/A

Pass Fail N/A

Pass Fail N/A

Pass Fail N/A

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Carbon Monoxide Testing:
Furnace blower on

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Inspection Auditor

Carbon Monoxide PPM

Ambient CO Level – Pre _____

Ambient CO Level – Post _____

Left Rear Burner: _____

Right Rear Burner: _____

Left Front Burner: _____

Right Front Burner: _____

Oven Burner Top: _____

Oven Burner Bottom: _____

Pass Fail N/A

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 should 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 35 PPM.
- Operate each range top burner on high setting. Check carbon monoxide levels 6 to 8 inches above the flame on each burner after 2 minutes of operation. The acceptable level of carbon monoxide is less than 30 PPM above the ambient level. Burners found to be making in excess of 30 PPM above the ambient level shall be cleaned or repaired.
- 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. Set the oven on broil so it runs for the duration of the test. Carbon monoxide levels should be checked at the oven exhaust port after 5 minutes or when the reading stabilizes. There will be an initial spike in the reading as the oven warms up. 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. The acceptable level of carbon monoxide for the oven is less than 150 PPM above the ambient level. Ovens found to be making in excess of 150 PPM above the ambient level shall be cleaned or repaired.
- 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.