



AUTOMATIC FIRE SUPPRESSION SYSTEMS
INSPECTION WORKSHEET
COOKING APPLIANCES



Business	Date of Inspection		
Address	City	State	Zip

Type of System (Manufacturer, Model #, Size etc.)

INSTALLATION CHECK LIST

1. A Type I hood shall be installed with a clearance to combustibles of not less than 18 inches (457 mm).
EXCEPTION: Clearance shall not be required from gypsum wallboard attached to noncombustible structures provided that a smooth, cleanable, nonabsorbent and noncombustible material is installed between the hood and the gypsum wallboard over an area extending not less than 18 inches (457 mm) in all directions from the hood.
2. Type I Hood - External hood joints, seams and penetrations for Type I hoods shall be made with a continuous external liquid-tight weld or braze to the lowest outermost perimeter of the hood. Internal hood joints, seams, penetrations, filter support frames, and other appendages attached inside the hood shall not be required to be welded or brazed but shall be otherwise sealed to be grease tight.
EXCEPTIONS:
 1. Penetrations shall not be required to be welded or brazed where sealed by devices that are listed for the application.
 2. Internal welding or brazing of seams, joints, and penetrations of the hood shall not be prohibited provided that the joint is formed smooth or ground so as to not trap grease, and is readily cleanable.
 3. External hood joints and seams tested and listed in accordance with the requirements of UL 710 shall not be required to be welded or brazed.
3. The inside lower edge of canopy-type commercial cooking hoods shall overhang or extend a horizontal distance of not less than 6 inches (152 mm) beyond the edge of the cooking surface, on all open sides. The vertical distance between the front lower lip of the hood and the cooking surface shall not exceed 4 feet (1219 mm).
EXCEPTION: The hood shall be permitted to be flush with the outer edge of the cooking surface where the hood is closed to the appliance side by a noncombustible wall or panel.
4. A manual actuation device shall be located at or near a means of egress from the cooking area, a minimum of 10 feet (3048 mm) and a maximum of 20 feet (6096 mm) from the kitchen exhaust system. The manual actuation device shall be located a minimum of 4.5 feet (1372 mm) and a maximum of 5 feet (1524 mm) above the floor. The manual actuation shall require a maximum force of 40 pounds (178 N) and a maximum movement of 14 inches (356 mm) to actuate the fire suppression system.
5. The actuation of the fire suppression system shall automatically shut down the fuel or electrical power supply to the cooking equipment. The fuel and electrical supply reset shall be manual.
6. Moveable cooking equipment shall be provided with a means to ensure that it is correctly positioned in relation to the appliance discharge nozzle during cooking operations.
7. All discharge nozzles shall be provided with caps or other suitable devices to prevent the entrance of grease vapors, moisture, or other foreign materials into the piping.
8. Makeup air shall be supplied during the operation of commercial kitchen exhaust systems that are provided for commercial food heat-processing appliances. The amount of makeup air supplied shall be approximately equal to the amount of exhaust air. The makeup air shall not reduce the effectiveness of the exhaust system. Makeup air shall be provided by gravity or mechanical means or both. For mechanical makeup air systems, the exhaust and makeup air systems shall be electrically interlocked to ensure that makeup air is provided whenever the exhaust system is in operation.

(continued on reverse)

TRIP TESTS

- 1. Extinguishing System Installation Manual At Location? **YES NO** *If yes continue to #2 / If no, inspection shall not continue and a re-inspection fee will be assessed. (minimum of \$50.00)*

- 2. Hood compliant with the code? (see checklist #1, 2 & 3) **YES NO**

- 3. Fusible Link - Tested **PASS FAIL**
Comments: _____

- 4. Pull Station – Tested **PASS FAIL**
Comments: _____

- 5. Pull station in compliance with the code? (see checklist #4) **YES NO**

- 6. Gas Shut-Off – Tested **PASS FAIL N/A**
Comments: _____

- 7. Gas Shut-Off Manually Reset? (see checklist #5) **YES NO N/A**

- 8. Electric Shut-Off – Tested **PASS FAIL N/A**
Comments: _____

- 9. Electric Shut-Off Manually Reset? (see checklist #5) **YES NO N/A**

- 10. Fire Alarm sounded on each of the above tests: **YES NO N/A**
Comments: _____

- 11. K-Guard Extinguisher Present: **YES NO N/A**
Comments: _____

- 12. Moveable appliances are provided with a means to ensure proper placement for nozzle discharge. (see #6 above) **YES NO N/A**

- 13. Makeup air in compliance with the code? (see checklist #8) **YES NO N/A**
Comments: _____

- 14. Electrical Inspection **YES NO N/A**
Comments: _____

- 15. Certificate of Compliance Issued: **YES NO N/A**
Comments: _____

- 16. System Report Issued: **NO N/A**
Installation Company

- 17. Salvatore G. Montemurro, Fire Marshal **Date**
Inspector