



MINOOKA FIRE PROTECTION DISTRICT

Fire Prevention Bureau
Fire Inspector Rodney Bradberry

Kitchen Hood Suppression Systems Plan Review Checklist

Date: _____ Permit Number: _____

Business Name: _____ Address: _____

Cooking Suppression System Submittal Requirements:

- A Fire Protection System application is required to be completed and submitted with your plans.
- A minimum of 4 sets of plans is required to be submitted.
- A complete set of manufacturers cut sheets on all devices and appliances are required to be submitted.
- A plan review Fee shall be submitted with your plan review.

Appliance Layout Requirements:

- If any appliances change in the process of review and approval of plans, as built drawings are required to be submitted. (NFPA 17A, 6.3.6)
- All deep fat fryers shall be installed with at least a 16 inch space between the fryer and the surface flames from adjacent cooking equipment. Where a steel or tempered glass baffle plate is installed, a minimum of 8" height between the fryer and surface flames. The 16 inch space shall not apply. (NFPA 96, 12.1.2.4/12.1.2.5)

System installation requirements:

- A Fusible Link shall be provided above each cooking appliance, or in accordance with the manufacturer's specifications. (NFPA 17A, 5.6.1.6)
 - A Fusible link shall be provided within each exhaust duct opening in accordance with the manufacturing specifications. (NFPA 17A, 5.6.1.5)
 - A manual pull station to activate the system shall be located within 10' of the hazard, and located within the path of egress. (NFPA 17A, 5.2.1.10)
 - Discharge nozzles shall be listed for their intended use, (NFPA 17A, 4.3.1)
 - Discharge nozzles shall be properly selected and installed for the appliance they are intended to protect. _____
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- Additional Comments: _____

Exhaust System Requirements:

- A hood exhaust fan shall continue to operate after the extinguishing system has activated unless otherwise required by the design of the extinguishing system. (NFPA 17A, 8.2.3.1)
- When the extinguishing system discharges, makeup air supplied to the hood shall be shut off. (NFPA 17A, 8.3.2)

Fire Alarm Requirements:

- The activation of the system shall activate the fire alarm system and shall be shown on a separate zone on the fire alarm control panel. (NFPA 96, 10.6.1/10.6.2)

Fire Extinguisher Requirements:

- A class "K" fire extinguisher requires to be installed within 30 feet from the hazard area. (NFPA 10, 5.7.1/5.7.2)

System Approvals and Inspections Required:

- Inspection of the nozzle types, and placement from the protected hazard shall be in accordance with the manufacturers specifications.
- A function test that requires the activation of the system, the release air through the nozzles. The activation of the fire alarm system is required.
- Provide certification by the installing contractor that the system has been installed in accordance with the approved plans and manufacturers specifications. (NFPA 17A, 6.4.2)

System Plan Review Results:

- Approved Not Approved

Completed By: _____