



**MINOOKA FIRE
PROTECTION DISTRICT**
Fire Prevention Bureau
Fire Inspector Matt Feinberg

***Kitchen Hood Suppression Systems
Plan Review Checklist***

Date: _____ Permit Number: _____

Business Name: _____ Address: _____

Cooking Suppression System Submittal Minimal Requirements:

- A Fire Protection System application permit is required to be completed and submitted with your plans. (See Village or County for this).
- A minimum of three paper plans dropped off to the Village or County and a digital copy via email to the Building Code official and the Minooka Fire Inspector is required to be submitted. Please also send FSCI your digital plan and cut sheets for review.
- A complete set of manufacturers cut sheets on all piping, appliances and heads are required to be submitted with your plans (paper and digital).
- A plan review Fee shall be submitted for your plan review with FSCI.
- Please review all IFC 2021, NFPA (Current year), and Local Code ordinance requirements for the buildout of this system.

Appliance Layout Minimal Requirements:

- If any appliances change in the process of review and approval of plans, as built drawings are required to be submitted. (NFPA 17A)
- All deep fat fryers shall be installed in accordance to (NFPA 96)

System installation Minimal Requirements:

- A Fusible Link shall be provided above each cooking appliance, or in accordance with the manufacturer's specifications. (NFPA 17A)
- A Fusible link shall be provided within each exhaust duct opening in accordance with the manufacturing specifications. (NFPA 17A)
- 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)
- Discharge nozzles shall be listed for their intended use, (NFPA 17A)

- Discharge nozzles shall be properly selected and installed for the appliance they are intended to protect. _____
- 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)
- When the extinguishing system discharges, makeup air supplied to the hood shall be shut off. (NFPA 17A)

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)

Fire Extinguisher Requirements:

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

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)
- All reports are to be upload to Brycer (Compliance Engine), for final occupancy approval.

System Plan Review Results:

- Approved Not Approved

Completed By: _____