



# PROSPER FIRE RESCUE

## FIRE MARSHAL'S OFFICE

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### Kitchen Hood Suppression System

This inspection checklist is provided as a courtesy to assist with your kitchen hood suppression installation requirements

Project Name: \_\_\_\_\_

Permit # \_\_\_\_\_

Address: \_\_\_\_\_

City, State & Zip: \_\_\_\_\_

Date: \_\_\_\_\_

Phone Number: \_\_\_\_\_

#### Y N N/A Appliances

- Are the appliances within the perimeter of the hood a minimum of 6 inches? - 17A-5.1.2
- Are the appliances on casters or easily moved for the purpose of maintenance and cleaning?
- Is an approved method installed to ensure appliances are returned to an approved design location? - 96-12.1.2.3.1
- Are safety measures provided, secured to the wall and the appliances to prevent damage to the gas line? - Mfg. Requirement
- Are quick connect fittings correctly installed with the flow of gas? (check arrows) - 17A-6.4.4.1
- Are deep fat fryers a minimum of 16" away from an open flame or have an 8" steel or tempered glass baffle installed? - 96-12.1.2.5.1
- Are the appliances of the same size and type as listed on the approved drawings? (Consult the stamped approved plans) - 96-12.1.2.1
- Are the hood and exhaust ducts of the same size as listed on the approved drawings? (Consult the stamped approved plans) - 96-5.4.1

#### Y N N/A Nozzles

- Are the nozzle type the correct nozzle per the approved drawings? - 17A-4.3.1
- Are the nozzles the correct distance above the cooking surface? (See drawings/manufacture specification sheets) - 17A-5.5
- Are the nozzles in the proper orientation and are correctly aimed? (See manufactures specification sheets for proper aiming points) - 17A-5.5
- Do all nozzles have blow-off caps? - 17A-4.3.2.1
- Are all nozzles and piping properly secured and grease seals installed at all hood penetrations? - 96-7.5.2.3

#### Y N N/A Fusible Links

- Are the fusible links positioned per the approved plans? - 17A-5.2.1.3
- Are the fusible links of the proper temperature as per the approved plans? - 17A-5.2.1.3
- Are the fusible links of the current calendar year? - 17A-7.3.4.1

#### Y N N/A Manual Pull Station

- Does the manual pull station have 5' clearance & located 10' to 20' from the protected hood in the path of egress? - 96-10.5.1.1
- If there are multiple hood suppression systems, are the manual pull stations provided with the proper identification signs? - 17A-6.4.7

#### Y N N/A Type "K" Fire Extinguisher

- Is the Type "K" Extinguisher located 10' to 30' from the protected hood? - 96-10.9.1
- Is the sign posted above the extinguisher stating to use after hood system? - 96-10.9.3
- Is a second Class "K" extinguisher provided for deep fat fryers in excess of 80 pounds capacity? - IFC 2012 - 904.11.5.2
- Does the Type "K" Extinguisher have a current state certification tag? - 96-10.9.5

#### Y N N/A Operational Test

- Is the system the correct size and have the same number of nozzles/flow points per the approved plans? - 17A-6.4.1
- Was an air test performed (blow air through all discharge piping & nozzles & verify blow-off cap function)? - 17A-6.4.4.2
- Did the heat sensor in the hood turn on exhaust fans automatically with the switch in the "off" position? - 17A-6.4.8

#### Y N N/A Manual Activation (Pull Station) Test

- System Tripped? - 17A-6.4.8.a
- Make-up air shut off? - 17A-6.4.8.b
- Exhaust fan stayed on/off per approval? - 17A-6.4.8.c
- Did gas valve shut off & valve was restored manually? 17A-6.4.8.d
- Electrical tripped all appliances & outlets under hood? - 17A-6.4.8.e
- Alarm signals to the Fire Control Panel? - 17A-6.4.6
- Signed & dated Contractor Installation Certificate SF-205

#### Y N N/A Automatic Activation (Fuse Link) Test

- System Tripped 17A-6.4.8.a
- Make-up air shut off 17A-6.4.8.b
- Exhaust fan stayed on/off per approval 17A-6.4.8.c
- Gas feed valve shut-off & valve was restored manually 17A-6.4.8.d
- Electrical tripped all appliances & outlets under hood 17A-6.4.8.e
- Alarm signals to Fire Control Panel 17A-6.4.6

Inspection Results: Passed  Failed

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Inspector's Name: \_\_\_\_\_

Contractor's Name & License # \_\_\_\_\_