City of North Port
Fire Rescue District
4980 City Center Boulevard
North Port, Fl. 34286

Phone (941) 240-8150 Fax (941) 240-8182 Email: psmithhigbie@cityofnorthport.com Inspections (941) 240-8150

SUBMITTAL CHECKLIST FOR ALL FIRE SYSTEM PERMITS

Please Submit the following Information and this Checklist with the Application for Construction

Fire Line Underground Application

_____ Three (3) sets of site utility plans identifying pipe sizes, distances and restraint methods.

_____ Three (3) sets of product cut sheets on all products and devices.

2 Inspections will be required:

1st – pipe & joints (lettering facing up, tracer wire & bolts w/bituminous coating)

2nd – 200 PSI test for 2 hours followed by a full bore flush.

Fire Sprinkler System

_____ Two (2) copies of engineered (signed & sealed) sprinkler & riser layout drawings with Calculations, including Flow Data (less than 6 months old).

_____ Four (4) sets of shop drawings showing all head types & locations and a riser diagram.

_____ Four (4) sets of hydraulic calculations, signed and sealed by a Florida registered engineer.

_____ Four (4) sets of product cut sheets on all heads, pipe and valves to be used.

2 Inspections will be required:

1st - 200 psi test for 2 hours with inspection of pipe, hangers, and head placement. This test must be performed before ***any*** ceiling is installed.

2nd – Review of head placement & test of flow & tamper switches with fire alarm.

Fire Alarm System

_____ Four (4) sets of shop drawings showing types and locations of all devices. (Engineers signature & seal required if over $5,000.00)

_____ Four (4) sets of battery calculations (24 hour stand-by for 5 minute duration).

_____ Four (4) sets of product cut sheets on all products and devices.

1 Inspection of ***all*** fire alarm devices, including all ancillary systems.

Room or Hood Suppression Systems

_____ Four (4) sets of shop drawings showing all nozzle types, locations, piping and controls.

_____ Four (4) sets of product cut sheets on all nozzles, controls, pipe and valves to be used.

1 Inspection of entire system including ***all*** nozzles, shunt trips, fans, & alarm.

WARNING: A separate permit application is required for each system above and pulled by a Licensed Contractor of that Trade.

Inspections are set up by calling (941) 240-8150. The Contractor pulling the Permit must request the Inspection.

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Kitchen Fire Suppression System Permit Submission Requirements

The following information shall be displayed on all plan submittals as per NFPA 17A, 96 and NFPA 1 (50.4.11.1). Plans submitted which exclude any of the following will be rejected. Four (4) copies of plans with a CD is required at the time of application.

EQUIPMENT LISTING:

- Cylinder(s) Make and Model
- Control Mechanism
- Actuation Cartridge Size/Model
- Nozzle Type
- Detection (location and temperature)
- Corner Pulleys (quantity)
- T Pulley (if applicable)
- Pull Station
- Fuel Source
- Notification Source (alarm or bell)

PROPOSED INSTALLATION DRAWING:

- Plenum measurements
- Duct size (include perimeter inches)
- Type, location and measurements of appliances *(appliances not listed in Mfg. manual requires a letter from the manufacturer referencing the protection)
- Back shelf (if applicable)
- Nozzle type and height measurements.
- Piping and Detection schematic
- Detection temperature rating.
- Detection bracketing seal method.
- T- Pulley (if applicable)
- Class K extinguisher and placard
- Pull station and labeling

SYSTEM DOCUMENTATION:

- UL 300 compliant notation. *(reference applicable Mfg. manual pages)
- Maximum flow points allowed per cylinder.
- Planned flow points to be used per cylinder.
- Maximum pipe allowed per cylinder.
- Minimum pipe allowed per cylinder, 1st Range/Wok/Fryer etc.

CONTRACTOR INFORMATION:

- Company name, address, phone and license number.
- Name, license, permit # of system designer and installer.

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Kitchen Fire Suppression System As-Built Drawing Requirements

The following information shall be displayed on all As-Built drawings as per NFPA 17A, 96 and NFPA 1 (50.4.11.1). As-Built drawings which exclude any of the following will be course for failure of the hood suppression test. *(As-Built drawings and Manufacturer manual must be submitted prior to the request for inspection of hood suppression system).

EQUIPMENT LISTING:

- Cylinder(s) Make and Model
- Control Mechanism
- Actuation Cartridge Size/Model
- Nozzle Type
- Detection (location and temperature)
- Corner Pulleys (quantity)
- T Pulley (if applicable)
- Pull Station
- Fuel Source
- Notification Source (alarm or bell)

AS-BUILT DRAWING:

- Plenum measurements
- Duct size (include perimeter inches)
- Type, location and measurements of appliances *(appliances not listed in Mfg. manual requires a letter from the manufacturer referencing the protection)
- Back shelf (if applicable)
- Nozzle type and height measurements.
- Piping and Detection schematic
- Detection temperature rating.
- Detection bracketing seal method.
- T- Pulley (if applicable)
- Class K extinguisher and placard
- Pull station and labeling

SYSTEM DOCUMENTATION:

- UL 300 compliant notation. *(reference applicable Mfg. manual pages)
- Maximum flow points allowed per cylinder.
- Planned flow points to be used per cylinder.
- Maximum pipe allowed per cylinder.
- Minimum pipe allowed per cylinder, 1st Range/Wok/Fryer etc.

CONTRACTOR INFORMATION:

- Company name, address, phone and license number.
- Name, license, permit # of system designer and installer.

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Paint Booth Suppression System Submittal Requirements

The following information shall be displayed on all plan submittals as per NFPA 17, 70, 33(6.5) and NFPA 1 (50.4.11.1). Submitted plans that exclude any of the following information will be rejected. Four (4) copies of plans with a CD is required at the time of application.

EQUIPMENT LISTING:

- Cylinder Make and Model
- Control Mechanism
- Actuation Cartridge Size/Model
- Nozzle Type
- Detection (location and temperature)
- Corner Pulleys (quantity)
- T Pulley (if applicable)
- Pull Station
- Fuel Source
- Notification Source (alarm or bell)

PROPOSED INSTALLATION DRAWING:

- Floor plan (cylinder pull station locations)
- Booth type (vehicle, truck, open face, prep-mix
- Booth measurements in sq. ft. and cubic ft.
- Plenum type
- Plenum measurements
- Duct size in sq. ft and cubic ft.
- Nozzle type and height measurements.
- Piping and Detection schematic
- Detection type (mechanical or electrical)
- Detection temperature rating.
- Detection bracketing seal method.
- Pull station and labeling

SYSTEM DOCUMENTATION:

- *(reference applicable Mfg. manual pages)
- Maximum nozzles or flow points allowed per cylinder.
- Planned nozzles or flow points to be used per cylinder.
- Maximum pipe allowed per cylinder.
- Minimum pipe allowed per cylinder,

CONTRACTOR INFORMATION:

- Company name, address, phone and license number.
- Name, license, permit # of system designer and installer.

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Paint Booth Suppression System AS-Built Drawing Requirements

The following information shall be displayed on all As-Built drawings as per NFPA 17A, 96 and NFPA 1 (50.4.11.1). As-Built drawings that exclude any of the following will be cause for failure of the suppression test. *As-Built drawings and manufacturer manual shall be submitted prior to the request for suppression test.

EQUIPMENT LISTING:

- Cylinder Make and Model
- Control Mechanism
- Actuation Cartridge Size/Model
- Nozzle Type
- Detection (location and temperature)
- Corner Pulleys (quantity)
- T Pulley (if applicable)
- Pull Station
- Fuel Source
- Notification Source (alarm or bell)

PROPOSED INSTALLATION DRAWING:

- Floor plan (cylinder pull station locations)
- Booth type (vehicle, truck, open face, prep-mix
- Booth measurements in sq. ft. and cubic ft.
- Plenum type
- Plenum measurements
- Duct size in sq. ft and cubic ft.
- Nozzle type and height measurements.
- Piping and Detection schematic
- Detection type (mechanical or electrical)
- Detection temperature rating.
- Detection bracketing seal method.
- Pull station and labeling

SYSTEM DOCUMENTATION:

- *(reference applicable Mfg. manual pages)
- Maximum nozzles or flow points allowed per cylinder.
- Planned nozzles or flow points to be used per cylinder.
- Maximum pipe allowed per cylinder.
- Minimum pipe allowed per cylinder,

CONTRACTOR INFORMATION:

- Company name, address, phone and license number.
- Name, license, permit # of system designer and installer.