Fire Marshal's Office

Plan Review

Pre-Engineered Kitchen Extinguishing System Worksheet

Job Name: _____

Address: _____Bldg: ___Suite: _____

Responsible Party: _____Phone: _____

Email:_____

GENERAL BUILDING INFORMATION:

Contractor Name/Company: _____

Company Address: _____

SFM License No. _____SFM Permit No. _____Exp_____

System Mfr. _____Total Number of Systems _____

Fire Sprinkler System Present Y☐ N☐ Fire Alarm System Present Y☐ N☐

IN PDF (Please do NOT submit paper) - Provide one (1) set of drawings and supporting documentation.

Complete this form and submit with documents for review. Comply with NFPA 96, 2011, and NFPA 17A, 2013

Y	N	N/A	
☐	☐	☐	Plans and Pipe Layout
☐	☐	☐	Elevation View (front/side)
☐	☐	☐	Components Specifications
☐	☐	☐	Agent Flow Calculations

Y	N	N/A	**Hazard Protection**
☐	☐	☐	**Deep Fat Fryer**

- ☐ Surface Width _____
- ☐ Surface Length _____
- ☐ Drip Pan Length _____
- ☐ Nozzle Type _____
- ☐ Nozzle Number _____

Total Hazard Nozzle Flows _____

Y	N	N/A	
☐	☐	☐	**Griddle**

- ☐ Surface Width _____
- ☐ Surface Length _____
- ☐ Nozzle Type _____
- ☐ Nozzle Flows _____
- ☐ Nozzle Number _____

Total Hazard Nozzle Flows _____

Y	N	N/A	
☐	☐	☐	**Range**

- ☐ Surface Width _____
- ☐ Surface Length _____
- ☐ Nozzle Type _____
- ☐ Nozzle Flows _____
- ☐ Nozzle Number _____

Total Hazard Nozzle Flows _____

Y	N	N/A	
☐	☐	☐	**Charbroiler** (Natural, Class A)

- ☐ Surface Width _____
- ☐ Surface Length _____
- ☐ Fuel Depth _____
- ☐ Nozzle Type _____
- ☐ Nozzle Flows _____
- ☐ Nozzle Number _____

Total Hazard Nozzle Flows _____

Y	N	N/A	
☐	☐	☐	**Upright Broiler**

- ☐ Surface Width _____
- ☐ Surface Length _____
- ☐ Rack/top of Broiler Ht. _____
- ☐ Drip Pan/Rack Ht. _____
- ☐ Nozzle Type _____
- ☐ Nozzle Flows _____
- ☐ Nozzle Number _____

Total Hazard Nozzle Flows _____

Y	N	N/A	
☐	☐	☐	**Chain Broiler (Closed Top)**

- ☐ Surface Width _____
- ☐ Surface Length _____
- ☐ Rack/top of Broiler Ht. _____
- ☐ Drip Pan/Rack Ht. _____
- ☐ Nozzle Type _____
- ☐ Nozzle Flows _____
- ☐ Nozzle Number _____

Total Hazard Nozzle Flows _____

Y	N	N/A

Y N N/A

☐ ☐ ☐ **Radiant Charbroiler**

- ☐ Surface Width _____
- ☐ Surface Length _____
- ☐ Nozzle Type _____
- ☐ Nozzle Flows _____
- ☐ Nozzle: Number _____

Total Hazard Nozzle Flows _____

Y N N/A

☐ ☐ ☐ **Range Charbroiler (Synthetic Rock)**

- ☐ Surface Width _____
- ☐ Surface Length _____
- ☐ Fuel Depth _____
- ☐ Nozzle Type _____
- ☐ Nozzle Flows _____
- ☐ Nozzle: Number _____

Total Hazard Nozzle Flows _____

Exhaust System Protection

Y N N/A

☐ ☐ ☐ **Duct**

- ☐ Duct Length _____
- ☐ Duct Width _____
- ☐ Duct Diameter _____
- ☐ Nozzle Flows _____
- ☐ Nozzle: Number _____

Total Hazard Nozzle Flows _____

Y N N/A

☐ ☐ ☐ **Plenum**

- ☐ Plenum Length _____
- ☐ Plenum Width _____
- ☐ Duct Diameter _____
- ☐ Nozzle Flows _____
- ☐ Nozzle: Number _____

Total Hazard Nozzle Flows _____

Design Parameters

Y N N/A

☐ ☐ ☐ Number of Flow Points _____

☐ ☐ ☐ Number of cylinder (flows/cylinder) _____

☐ ☐ ☐ Flow Point Balance _____

Y N N/A

☐ ☐ ☐ **Chain Broiler (Open Top)**

- ☐ Surface Width _____
- ☐ Surface Length _____
- ☐ Length of Opening top _____
- ☐ Width of Opening top _____
- ☐ Broiler surface Obstruction _____
- ☐ Nozzle Type _____
- ☐ Nozzle Flows _____
- ☐ Nozzle: Number _____

Total Hazard Nozzle Flows _____

Y N N/A

☐ ☐ ☐ **Wok**

- ☐ Surface Diameter _____
- ☐ Depth _____
- ☐ Nozzle Type _____
- ☐ Nozzle Flows _____
- ☐ Nozzle: Number _____

Total Hazard Nozzle Flows _____

Special Equipment

Y N N/A

☐ ☐ ☐ Fire Alarm Interconnection

☐ ☐ ☐ NonStandard Application

Max. Temp F. _____ Min. Temp F._____

☐ ☐ ☐ Exhaust Fan Shutdown

☐ ☐ ☐ Fire Extinguisher

- ☐ Rating
- ☐ Placement

_____

Comments

_____

_____

_____

_____

_____

_____

_____

_____

_____

System Components

Y N N/A

☐ ☐ ☐ **Cylinder Location**

- ☐ Outside Hazard Area _____
- ☐ Piping Limitations
- Linear _____ ft. Max. _____ ft. Min.
- Equiv. _____ ft. Max. _____ ft. Min.

Y N N/A

☐ ☐ ☐ **Detector**

- ☐ ☐ ☐ ☐ Mechanical Temp _____ F
- ☐ ☐ ☐ ☐ Electrical Temp _____ F
- ☐ Placement
- ☐ Mounting _____

Y N N/A

☐ ☐ ☐ **Fuel Service**

- ☐ Pipe Size _____

Y N N/A

☐ ☐ ☐ **Piping**

- ☐ Type _____
- ☐ Length of Main Supply _____
- ☐ Length of Branch Supply _____
- ☐ Tees/ Ells _____

Y N N/A

☐ ☐ ☐ **Remote Pull Station**

- ☐ Mechanical
- ☐ Electrical
- ☐ Placement (exit)
- ☐ Mounting Height
- ☐ Operating Instructions Posting

Y N N/A

☐ ☐ ☐ **Control Head**

- ☐ Mechanical
- ☐ Electrical
- Model _____
- ☐ Fuel Power Supply Shut-Off
- ☐ Solenoid/Valve Location