

# MACON-BIBB COUNTY BUILDING AND FIRE SAFETY

200 Cherry Street, Suite 202  
Macon, GA 31201  
(478) 803-0466



## WET CHEMICAL SUPPRESSION SYSTEM

|  |  |                     |  |                      |  |
|--|--|---------------------|--|----------------------|--|
| <b>Reviewer</b>  |  |                     |  | <b>Review Date</b>   |  |
| <b>Business Name</b>   |  |                     |  | <b>File Number</b>   |  |
| <b>Address</b>   |  |                     |  | <b>City</b>          |  |
| <b>Building Number</b>   |  | <b>Suite Number</b> |  |                      |  |
| <b>Fire Protection Company</b>   |  |                     |  | <b>Phone Number</b>  |  |
| <b>Contact Person</b>  |  |                     |  | <b>Fax. Number</b>   |  |
| <b>Email Address</b>   |  |                     |  | <b>System Model:</b> |  |
| <u>All Information Shall Be Included On Plans. Fill Out Top And Bottom. Include Any Additional Conditions Or Comments On Attached Sheet.</u> |  |                     |  |                      |  |

### Plan Review:

- |                          |                          |                          |                             |
|--------------------------|--------------------------|--------------------------|-----------------------------|
| Y                        | N                        | N/A                      |                             |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Plans and Pipe Layout       |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Elevation View (front/side) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Components Specifications   |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Agent Flow Calculations     |

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|--------------------------|--------------------------|--------------------------|--|
| Y                        | N                        | N/A                      |  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <b>Deep Fat Fryer</b>                          |
|                          |                          |                          | <input type="checkbox"/> Surface Width _____   |
|                          |                          |                          | <input type="checkbox"/> Surface Length _____  |
|                          |                          |                          | <input type="checkbox"/> Drip Pan Length _____ |
|                          |                          |                          | <input type="checkbox"/> Nozzle Type _____     |
|                          |                          |                          | <input type="checkbox"/> Nozzle: Flows _____   |
|                          |                          |                          | <input type="checkbox"/> Nozzle: Number _____  |
|                          |                          |                          | Total Hazard Nozzle Flows _____                |

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|--------------------------|--------------------------|--------------------------|---|
| Y                        | N                        | N/A                      |   |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <b>Griddle</b>                                |
|                          |                          |                          | <input type="checkbox"/> Surface Width _____  |
|                          |                          |                          | <input type="checkbox"/> Surface Length _____ |
|                          |                          |                          | <input type="checkbox"/> Nozzle Type _____    |
|                          |                          |                          | <input type="checkbox"/> Nozzle Flows _____   |
|                          |                          |                          | <input type="checkbox"/> Nozzle: Number _____ |
|                          |                          |                          | Total Hazard Nozzle Flows _____               |

### System Requirements:

- |                          |                          |                          |
|--------------------------|--------------------------|--------------------------|
| Y                        | N                        | N/A                      |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

- Charbroiler (Natural, Class A)**
- |                          |                           |       |
|--------------------------|---------------------------|-------|
| <input type="checkbox"/> | Surface Width             | _____ |
| <input type="checkbox"/> | Surface Length            | _____ |
| <input type="checkbox"/> | Fuel Depth                | _____ |
| <input type="checkbox"/> | Nozzle Type               | _____ |
| <input type="checkbox"/> | Nozzle Flows              | _____ |
| <input type="checkbox"/> | Nozzle: Number            | _____ |
|                          | Total Hazard Nozzle Flows | _____ |

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|--------------------------|--------------------------|--------------------------|
| Y                        | N                        | N/A                      |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

- Upright Broiler**
- |                          |                           |       |
|--------------------------|---------------------------|-------|
| <input type="checkbox"/> | Surface Width             | _____ |
| <input type="checkbox"/> | Surface Length            | _____ |
| <input type="checkbox"/> | Rack/top of Broiler Ht.   | _____ |
| <input type="checkbox"/> | Drip Pan/Rack Ht.         | _____ |
| <input type="checkbox"/> | Nozzle Type               | _____ |
| <input type="checkbox"/> | Nozzle Flows              | _____ |
| <input type="checkbox"/> | 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

**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 \_\_\_\_\_

Y N N/A

**Exhaust System Protection**

**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 \_\_\_\_\_

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

**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 \_\_\_\_\_

Y N N/A

**Special Equipment**

Fire Alarm Interconnection  
NonStandard Application  
Max. Temp F. \_\_\_\_\_ Min. Temp F. \_\_\_\_\_  
Exhaust Fan Shutdown  
Fire Extinguisher  
 Rating  
 Placement

\_\_\_\_\_  
Comments  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Y **MANUFACTURER'S EQUIPMENT DATA**  
 **SHEETS ARE REQUIRED WITH THIS SUBMITTAL**

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Y N N/A **Design Parameters**  
   **Number of Flow Points** \_\_\_\_\_  
   **Number of cylinder (flows/cylinder)** \_\_\_\_\_  
   **Flow Point Balance** \_\_\_\_\_

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Y N N/A **System Components**  
   **Cylinder Location**  
 **Outside Hazard Area** \_\_\_\_\_  
 **Piping Limitations**  
**Linear** \_\_\_\_\_ **ft. Max.** \_\_\_\_\_ **ft. Min.**  
**Equiv.** \_\_\_\_\_ **ft. Max.** \_\_\_\_\_ **ft. Min.**

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Y N N/A **Detector**  
    **Mechanical Temp** \_\_\_\_\_ **F**  
    **Electrical Temp** \_\_\_\_\_ **F**  
 **Placement**  
 **Mounting** \_\_\_\_\_

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Y N N/A **Fuel Service**  
    **Pipe Size** \_\_\_\_\_

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Y N N/A **Piping**  
    **Type** \_\_\_\_\_  
 **Length of Main Supply** \_\_\_\_\_  
 **Length of Branch Supply** \_\_\_\_\_  
 **Tees/ Ells** \_\_\_\_\_

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Y N N/A **Remote Pull Station**  
    **Mechanical**  
 **Electrical**  
 **Placement (exit)**  
 **Mounting Height**  
 **Operating Instructions Posting**

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Y N N/A **Control Head**  
    **Mechanical**  
 **Electrical**  
**Model** \_\_\_\_\_  
 **Fuel Power Supply Shut-Off**  
 **Solenoid/Valve Location**

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**This worksheet shall be used in conjunction with the National Fire Protection Association (NFPA 10, 17, and 96) International Fire Code (2018 Edition) and referenced standards.**