

Marietta Fire Department

<p>Fire Marshal's Office</p>  <p>Plan Review</p>	<p style="text-align: center;">Pre-Engineered Kitchen Hood Vent System Checklist^{1,2} BUILDING PERMIT # _____</p> <p>Job Name: _____ Address: _____ Bldg: _____ Suite: _____ Responsible Party: _____ Phone: _____ Email: _____</p> <p>GENERAL BUILDING INFORMATION: Contractor Name/Company: _____ Contact Email: _____ Company Address: _____ SFM License No. _____ SFM Permit No. _____ Exp _____ System Mfr. _____ Total Number of Systems _____ Fire Sprinkler System Present Y <input type="checkbox"/> N <input type="checkbox"/> Fire Alarm System Present Y <input type="checkbox"/> N <input type="checkbox"/></p>
✓ = Pass, X = Fail, NA = Not applicable	
DRAWING SUBMITTAL REQUIREMENTS	
1) Provide two (2) sets of drawings, one (1) set of submittal data, one (1) set of calculations, CD of PDF format with All drawings, Scope of work on letterhead, and Tech Sheets for all components	Status
2) Declaration of Applicable Current Codes: NFPA 17A (2013), NFPA 96 (2011), NFPA 101 (2012), IBC (2012), IFC (2012), IMC (2012), 120-3-3 SFM Rules and Regulations, Marietta City Ordinance(s) [17A: 6.1.1]	Status
3) The plans shall be drawn to an indicated scale [1/8":1' PREFERRED] or shall be suitably dimensioned and shall be reproducible. [17A: 6.3.1]	Status
4) Indication that only equipment referenced in the manufacturer's design, installation, and maintenance manual or alternative suppliers' components that are listed for use with the specific extinguishing system shall be used [17A: 6.1.1]	Status
5) Identification of special auxiliary devices [17A: 6.1.1]	Status
6) Identification of any special hazards protected, such as solid fuel cooking [17A: 6.3.2]	Status
7) Clearly identify the hazard protected by using numbers on common manual activation, hoods, and systems served [17A: 5.2.1.10.2]	Status
SUPPRESSION SYSTEM DETAILS	
8) appliances, hoods, and ducts are properly protected with nozzles and positioned in accordance with the manufacturer's design, installation, and maintenance manual [17A: 6.4.1]	Status
9) At least one manual actuator shall be provided for each system [17A: 5.2.1.6] located in a path of egress [17A: 5.2.1.10] shall be installed no more than 48 in. (1200 mm) and no less than 42 in. (1067 mm) above the floor [17A: 5.2.10.1]	Status
10) An audible or visual indicator shall be provided to show that the system has operated, that personnel response is needed, and that the system is in need of recharge [17A: 5.2.1.8]	Status
11) The extinguishing system shall be connected to the fire alarm system so that the actuation of the extinguishing system will sound the fire alarm [17A: 5.2.1.9]	Status
12) The means for manual actuation shall be mechanical [17A: 5.2.1.13]	Status
13) At least one fusible link or heat detector shall be installed within each exhaust duct opening, detail to be provided on plans [17A: 5.6.1.4]	Status
14) A fusible link or heat detector shall be provided above each protected cooking appliance, details to be provided on plans [17A: 5.6.1.5]	Status
15) Provide a general note that - All sources of fuel or heat to appliances served by the common exhaust duct shall be shut down upon actuation of any protection system [17A:5.6.2.2]	Status
16) Movable cooking equipment shall be provided with a means to ensure that it is correctly positioned in relation to the appliance discharge nozzle during cooking operations [17A: 5.6.4]	Status
EXHAUST HOOD DETAILS	
17) Provide a general note that - The air velocity through any duct shall be not less than 152.4 m/min (500 ft/min) [96: 8.2.1.1]	Status
18) Provide a general note that - When the fire-extinguishing system activates, makeup air supplied internally to a hood shall be shut off [96: 8.3.2]	Status
19) Provide a general note that - A hood exhaust fan(s) shall continue to operate after the extinguishing system has been activated [96:8.2.3.1]	Status
20) Provide a general note that - Fire-extinguishing equipment shall include both automatic fire-extinguishing systems as primary protection and portable fire extinguishers as secondary backup [96: 10.2.1]	Status

21) Provide a general note that - A placard shall be conspicuously placed near each extinguisher that states that the fire protection system shall be activated prior to using the fire extinguisher [96: 10.2.2]	
GENERAL	
22) A light test will be required on any new hood installations by the Building Department's HVAC/Mechanical Inspector	
23) A Balloon Test will be required [17A: 6.4.4]	
24) A Hood/Vent System final inspection will be required [17A: 6.4]	

¹ The above is not an all-inclusive list, all applicable fire and life safety provisions must be met.

² Codes referenced are from NFPA 17A, 2013 and NFPA 96, 2011

Notes: _____

Reviewer: _____ Date: _____

09/04/2015