



CITY OF MERCED

MERCED

SITE ADDRESS _____

KITCHEN HOOD SUPPRESSION **SUBMITTAL CHECKLIST**

For use when applying for new or modified kitchen hood suppression systems.

This checklist outlines general requirements; information contained herein applies to typical instances and may not address all circumstances.

APPLICATION FOR A PERMIT AUTHORIZES THE CITY OF MERCED AND THEIR REPRESENTATIVES TO MAKE "RED LINE" COMMENTS ON THE PLANS WHICH HAVE BEEN APPROVED BY THE DESIGNER IN ORDER TO EXPEDITE THE PLAN REVIEW PROCESS.

REFERENCES:

- All code editions shall be those in effect at the time of submittal. See City of Merced municipal code for current adopted versions of the codes.
- California Fire Code (CFC); including Chapter 3, Chapter 6 (606), and Chapter 9 (901.5, 904.13).
- California Mechanical Code (CMC); including Chapter 5 (508.0).
- NFPA 96; as referenced in the California Fire Code and California Mechanical Code.
- City of Merced Municipal Code (MMC); including Design and Construction Standards.
- Modification to any of the above minimum requirements shall be received, in writing, from the City of Merced Fire Prevention Bureau and included with the submittal.

USE THE FOLLOWING CHECKLIST FOR PLAN SUBMITTAL GUIDELINES

	YES	NO	N/A	
1.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Contractor's name, address, telephone number, email address, and contractor's license number.
2.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Site location, including APN & street address.
3.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	North orientation arrow.
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Geographic representation of the scale used on all plans and sheets.
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Accurate legend with symbols for all devices including the model and quantity for each device.
6.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Drawings are stamped and signed by the design professional of record.
7.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The room number and use are indicated for all rooms and spaces in the immediate area of the suppression system.
8.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Floor plans show the entire project area, all relevant fire alarm and suppression devices (new and existing), conduit runs, and conductor runs applicable to or in the vicinity of the current scope of work.

City of Merced Inspection Services Division

678 W. 18th Street, Merced, CA 95340

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<https://www.cityofmerced.org/departments/development-services/building-division>

	YES	NO	N/A	
9.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Plans noted: "Installation of the fire suppression system shall not be started until detailed drawings and specifications have been approved by the City of Merced Fire Prevention Bureau, the applicable fees have been paid, and the permit has been issued."
10.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Plans noted: "An approved set of plans, with JOB COPY stamp, shall be on the job site and used for installation. Any deviation from the approved plans, including substitution of devices, shall be approved by the City of Merced Fire Prevention Bureau before installation."
11.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Plans noted: "Any discrepancies between the drawings and the code or recognized standards shall be brought to the attention of the City of Merced Fire Prevention Bureau for approval before being installed."
12.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Plans noted: "Upon completion of the installation of the fire suppression system, the contractor shall coordinate with the other trades to test interconnection of the fire suppression system with other building systems and equipment. Once all functions of the fire suppression system, hood/duct assembly, and alarm monitoring have been verified, an additional acceptance test shall be performed in the presence of the City of Merced Fire Prevention Bureau/ Inspection Services inspector."
13.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	System complies with provisions of NFPA 96.
14.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Show ducts, appliances, piping, and nozzles.
15.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Indicate the type of system and size of cylinders.
16.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Indicate the type, quantity, and location of automatic fuel shutoff devices.
17.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Show fusible links, indicate type, quantity, location, and temperature rating.
18.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Show manufacturer's nozzle numbers, types of nozzles, and locations.
19.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Show protected appliances with surface dimensions (in inches).
20.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Show the hood and duct dimensions in inches/feet).
21.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Show clearance between fryers and adjacent open flame appliances.
22.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Show approved baffle type filters as required.
23.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Indicate whether the system is single or tandem.
24.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Provide manufacturer data sheets for the system.
25.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Indicate maintenance intervals specific to components of the system and that they must be performed by a "manufacturer-approved" contractor/installer.
26.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Specify that hood alarm monitoring is required by separate permit per City of Merced Municipal Code.
27.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Note on the plans- "Contractors for hood, suppression, and alarms shall be on site for inspections".

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