



CONTRA COSTA COUNTY FIRE PROTECTION DISTRICT

HD

F.D. Permit Number

Date

Description of Work: _____

Project Name: _____ Address: _____

Suite: _____ City: _____ Zip: _____

Contractor: _____ Contractor's License/Type #: _____

Address: _____ City: _____ State: _____ Zip: _____

Contact Person: _____ Phone No. (): _____ Email: _____

OFFICE USE ONLY: DO NOT COMPLETE BELOW THIS LINE

We have reviewed the proposed **kitchen hood fire extinguishing system plans** for the project facility. Our review is to ensure compliance with the minimum code requirements related to fire and life safety as set forth in the 2022 edition of the California Fire Code, the 2021 edition of NFPA 17A, and the 2021 edition of NFPA 96. The following selected comments shall apply to this project:

- Provide manual pull station located in a path of egress. Locate manual pull station at a maximum height of 48 inches high. NFPA 96 - 10.5.1 (2021) and NFPA 17A - 5.2.1.10 (2021)
- Provide manual pull stations for the multiple suppression systems. Locate manual pull stations at a maximum height of 48 inches high and minimum height of 42 inches. NFPA 96 - 10.5.1 (2021) and NFPA 17A - 5.2.1.10 (2021)
Clearly identify the multiple fire suppression systems with color-coding of the respective pull station. (Use primary colors: Blue, Green, Yellow, and Red.)
- Provide one minimum **Class K** fire extinguisher within 30 feet of commercial cooking equipment. CFC 906.4 (2022)
- Provide permanently displayed durable sign, with minimum 1/4" high lettering, above the required kitchen **Class K** extinguisher stating the following: NFPA 96 - 10.2.2 (2021)

**“ACTIVATE FIRE SUPPRESSION
SYSTEM BEFORE USING
EXTINGUISHER”**
- Upon activation of any fire-extinguishing system for a cooking operation, all sources of fuel and electrical power that produce heat to all equipment requiring protection by that system shall automatically shut off. NFPA 96 - 10.4.1 (2021)
- Shutoff devices shall require manual reset. NFPA 96 - 10.4.4 (2021)

(CONTINUED OVER)

Fee computed by: _____ Amount Due: \$ _____

Received by: _____ Amount Received: \$ _____

Cash Credit Check No. _____ Invoice No. _____

- The hood exhaust fan shall continue to operate after activation of the extinguishing system. Makeup air supplied internally within the hood shall also shut off upon activation of system. NFPA 96 – 8.2.3.1 and 8.3.2 (2021)
- Provide a steel or glass baffle plate between each deep-fat fryer and adjacent open-flame cooking appliances or provide 16-inch space between appliances. The baffle shall be a minimum of 8-inches in height measured from the higher surface. NFPA 96 – 13.1.2.4, and 13.1.2.5 (2021)

The kitchen hood fire extinguishing system functional test may fail when this item has not been addressed by the time of the test.

- The fire extinguishing system shall be connected to the building fire alarm system, if provided, in accordance with the requirements of NFPA 72, so activation of the system will sound the fire alarm. NFPA 17A - 5.2.1.9 (2021)
- Movable cooking equipment situated under the ventilating hood **shall not** be equipped with casters and shall be properly positioned in relation to installed fire extinguishing discharge nozzles **unless an approved listed method to secure casters is provided for Fire District review and approval.** NFPA 17A - 5.6.4 (2021)
- Existing hoods, filters, fans, ducts shall be cleaned at frequent intervals to prevent grease buildup. CFC 606.3.3 and Table 606.3.3.1 (2022)

If the existing hood(s) is deemed to have too much grease buildup by the fire inspector at the time of the hood fire extinguishing system functional test, the test will fail due to lack of maintenance. The test will not be rescheduled until proper cleaning has been done.

- Additional comments: _____

Approved plans, including calculations, **shall** be onsite at time of inspection. Failure to have approved plans onsite may result in the **cancellation of the inspection**, and a **reinspection fee** being assessed.

Contact the Fire District at **925-941-3300 ext3902** (minimum **two** working days' notice required) to schedule the **Hood & Duct Fire Suppression System Functional Test** available Monday through Thursday excluding holidays.

On the morning of the inspection, a confirmation telephone call made to the Fire District at 925-941-3300 is necessary between 8:00 and 8:30 AM. Otherwise, the inspection will be cancelled.

Final acceptance is subject to field inspections and tests.

Coordinate with the fire alarm company to be on site prior to scheduling the functional test.

Approval does not relieve the designer / contractor from complying with all applicable fire code requirements, nor does it abrogate the requirements of other authorities having jurisdiction.

- Approved as submitted Approved with Comments Denied, Resubmittal Required

Reviewed by: _____ Date: _____