



## Natrona County Fire Protection District

### Office of the Fire Marshal

555 N Robertson Road · Casper, WY 82604

Phone (307) 234-4679 · Fax (307) 265-0353

## **Commercial Hood Submittal Requirements**

(IFC 2024 and 2019 NFPA 17 Standards)

As of January 1<sup>st</sup> 2026:

**NEW Hoods:** Provide the following information for Hood, Duct, and Ventilation.

1. Provide manufacturer's equipment/cut sheets for the hood showing their listings, type, and construction specifications.
2. Provide equipment layout of all cooking equipment located under the hood. Include manufacturer's data sheets for all cooking equipment.
3. Provide manufacturer's equipment/cut sheets for the exhaust fan showing their listings, type, construction specifications, and CFM ratings.
4. Provide manufacturer's equipment/cut sheets for the makeup air unit showing their listings, type, construction specifications, and CFM ratings. If a unit will not be provided, please provide details of other available make up air within the building.
5. Provide a general floor plan of the facility showing the location of the hood, exhaust fan, and make up air units.
6. Provide an elevation drawing showing the construction around the hood and cooking equipment detailing wall (including proposed wall coverings), and ceiling construction. Show details of the space that ductwork will be penetrating and details on fire rated enclosure or duct wrap for the duct. Also show details of the exhaust fan mounting/termination.
7. Provide complete electrical wiring information for all equipment associated with the installation of hood system, including panel directory and branch circuits.

**EXISTING Hoods:** Provide the following information for Hood, Duct, and Ventilation.

1. Provide information for existing hoods, if available, as listed above for new hoods. If no information is available, please provide photos of the existing installation. It is recommended that you contact a fire suppression co. to look at your existing hood installation to identify any deficiencies that may need to be corrected.

**INCOMPLETE SUBMITTALS WILL NOT BE ACCEPTED**



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#### **Fire Suppression System:** Provide the following information for New and Existing Hoods.

1. Provide a shop drawing or manufacturer's information showing the listing of the proposed fire suppression system.
2. Provide a system design layout showing agent tank sizes, piping, fusible link location/temperatures, and nozzle types/location showing the appliances intended to be protected.
3. Provide a drawing of the room the cooking equipment is in showing by scale or dimension, the size of the room, location of equipment and its size, manual pull locations, location of class K extinguisher, and fuel shut off solenoid or breaker location for electrical shut down.
4. Provide electrical wiring details for connection of suppression system micro switches for electrical shut off and fire alarm system interconnection if applicable.

**Permit Fees:** Are based off the *per system* proposed in the commercial hood suppression system; see NCFPD Fee Schedule prior to submittal.

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