



Kitchen Hood Plan Review
Sioux City Fire Rescue
601 Douglas St. Sioux City, IA 51101
Phone: 712-279-6377 Fax: 712-279-6106
fireprevention@sioux-city.org

NO construction shall commence until project plans have been reviewed, approved, and a permit issued. Construction without a permit shall receive a Red Tag/immediate Stop Work Order. A Stop Work Order will not be lifted until a Permit is issued and the contractor pays all applicable fees.

SECTION A – PROPERTY INFORMATION

Name of facility: _____ Facility address: _____
Owner's Name: _____ Owner's Address: _____
Owner Phone #: _____

SECTION B – SYSTEM DESIGNER / CONTRACTOR

Company Name: _____ Iowa FAC #: _____
Company Address: _____ Contact Person (Designer): _____
Contact Phone #: _____ Contact Email: _____

SECTION C – SYSTEM DESIGN

Commercial Kitchen Hood Mechanical and Suppression Systems shall be designed and installed in accordance with the following:

- 2024 International Fire Code
- 2024 International Building Code
- 2024 International Mechanical Code
- NFPA 17 - *Dry Chemical Extinguishing Systems (2021 ed.)*
- NFPA 17A - *Wet Chemical Extinguishing Systems (2021 ed.)*
- NFPA 96 - *Ventilation Control and Fire Protection of Commercial Cooking Ops (2021 ed.)*

This proposal represents:

New Installation Addition to current system Replacement of current system Upgrade to current system

Brief description of work: _____

Hood Type (check all that apply): Type 1 Qty. _____ Type 2 Qty. _____

Is hood intended for solid-fuel cooking equipment? Yes No

Type of building construction: Unprotected (Combustible) Protected (1 hr fire-rated material and metal stud const.)

Hood exhaust fan is activated whenever cooking operations occur. Yes No _____

Distance between deep-fat fryer and surface flames from any adjacent cooking appliance. _____ in. N/A

Are baffles to be installed between deep-fat fryers surface flames from any adjacent cooking appliance? Yes No N/A

Automatic shutoff for makeup air provided? Yes No Automatic shutoff for fuel provided? Yes No

Is the building equipped with a fire alarm system? Yes No

Distance from hood to suppression system manual actuation device? _____ ft

Is a Class K extinguisher with a minimum size of 40-B provided? Yes No

SECTION D – DOCUMENTATION AND PLANS

Submitted plans shall note, at a minimum, the following:

- Fully dimensioned plans with appropriate scale
- Kitchen layout, including exits, pantry and access to dining area
- Hood dimensions
- Exhaust duct and appliance dimensions, along with the interface of the fire extinguishing system detectors
- Piping (size and length);
- Nozzles (type and distance to the appliance)
- Fuel shut-off devices and their listing type
- Agent storage container (type and size)



Kitchen Hood Plan Review Information

Page 2

SECTION E - REQUIREMENTS AND FEES

- Yes No Electronic copies (in PDF format) of plans submitted on CD, thumbdrive or emailed to fireprevention@sioux-city.org
- Yes No Two (2) copies plans submitted in paper format.
- Yes No N/A Return postage affixed to self-addressed return packaging. (If wishing to have stamped set(s) of plans and specifications returned)
- Yes No The \$100 submittal fee must accompany the plans.
Checks shall be made payable to CITY TREASURER, SIOUX CITY, IA.

Applicant's Signature

Date

Applicant's Printed Name

Contact Phone Number