



Clovis Fire Department

Standard # 49

COMMERCIAL KITCHEN HOOD FIRE SUPPRESSION SYSTEMS

All automatic fire extinguishing systems used for the protection of commercial cooking operations that produce grease laden vapors shall comply with UL 300. All existing dry and wet chemical fire extinguishing systems installed for the protection of those operations shall comply with the UL 300 Standard no later than the second required servicing of the system after January 1, 2008 – California Fire Code 2007.

Clovis Fire Department recognizes that having properly designed, installed and maintained hood suppression system may be the first order of fire mitigation in a cooking appliance fire emergency.

To ensure system reliability, all hood suppression systems shall be designated, installed and maintained in conformance with; California Fire Code 2007, California Mechanical Code 2007, NFPA 17A 2002, NFPA 13 2002, and Clovis Fire Department Standard #49.

Design, Installation and Maintenance

The designing, installation, and maintenance of pre-engineered systems shall only be performed by trained and competent individuals having approved documentation of having been trained by the specific system manufacturer of the system they propose to install.

Clovis Fire Department will require the following documentation prior to all plan approvals:

- A valid Contractors State License Board C-16 License
- Documentation shall be provided by the manufacturer included in the application or on file that certifies **Designer and /or Installer** has acquired instruction necessary to safely design and install Pre-Engineered Wet Chemical Systems (NFPA 17A)
- System servicing shall be done by a trained person who has undergone the instructions necessary to perform the maintenance and recharge service reliability and has the applicable manufacturer's listed installation and maintenance manual and service bulletins.
- A City of Clovis Business License for fire extinguishing system installation and maintenance is required.
- The designer, installer, maintenance worker shall be in good standing with the Clovis Fire Department.

Plan Submittals:

Three (3) sets of plans shall be submitted for review and approval prior to any work being done on the system. Copies shall all be the same size, drawn in indelible ink.

Approval shall only be granted when all required documentation and training certifications have been provided to the Clovis Fire Department plan review officer.

A class **K** fire extinguisher is required and its location shall be indicated on drawing.