



Humble Fire Marshal's Office

110 W. Main St., Humble, Texas, 77338
 Phone- (281) 446-4928 Fax- (281) 446-3960
 FireMarshal@cityofhumble.net

Kitchen Fire Suppression System Permit Application

DATE:	Building Permit #: _____ <input type="checkbox"/> N/A
ADDRESS OF BUSINESS/BUILDING:	NAME OF BUSINESS/BUILDING:
LICENSED PROFESSIONAL MAKING APPLICATION:	FIRE PROTECTION COMPANY NAME:
PHONE:	E-MAIL:
Job Valuation:	Company Address:

All plans will be turned into the Building Department, 114 Higgins Street, Humble, Tx, 77338.

New System

Alteration/ Modification of Existing Systems

Construction Drawings - Two (2) copies drawn to architectural scale. Drawings shall show:

1. IFC 2018, UL300 standard, NFPA 17, NFPA 17A, NFPA 96 must be followed at all times.
2. Appliance layout with description and size of each appliance; hood layout showing exhaust duct location; piping runs, types and sizes; nozzle locations, heights and types; location of fusible links and manual activation. Location of Class "K" fire extinguisher.
3. Copies of applicable sections from the manufacturer's design and installation manual.
4. Cylinder capacities, total flow point design, and pipe lengths.
5. Location of gas shut off valve or electrical disconnect.
6. No pencil drawings will be accepted.
7. TRIP TESTING is required at the final inspection.
8. Copy of Texas Type K Kitchen Cooking Systems License

Items to be Installed/ Modified	Quantity	Comments
Systems/ Hoods		
Chemical Tanks		
Nozzles		
Fuse Links		
Manual Pull Stations		
Class "K" Extinguishers		
Other		

Signature _____
 (Fire Protection Company)

Date: _____

Permit Number: _____

Kitchen Fire Suppression Systems

The following information is for the purposes of installing any fire suppression system within the City of Humble, Texas. This is not intended to be the only requirements as many codes and regulations apply. Fire suppression system plans shall be submitted for review and approved by the City of Humble Fire Marshals Office prior to installation of any component of the system.

Fee:

\$ 50.00

Kitchen Fire Suppression System Plans:

Two (2) sets of plans need to be submitted and shall include:

1. Type of system
2. The amount of wet or dry chemical/agent
3. The size, length, and arrangement of connected piping or piping and hose
4. The description and location of nozzles so that the adequacy of the system can be determined
5. The location and function of detection devices
6. Manufactures specifications and requirements of system
7. Identification of the hazard to be protected and including such information as physical dimensions, cooking appliances, energy sources for each appliance, and air-handling equipment associated with the system

Drawing to be submitted:

Drawings shall be submitted including the following:

1. Hoods
2. Exhaust duct(s)
3. Appliances
4. Interface of the fire-extinguishing system detectors
5. Piping
6. Nozzles
7. Fuel shutoff devices
8. Agent storage containers
9. Manual actuation device(s)

Other Permits:

- Electrical, Mechanical, Building, Plumbing
- Any permits required will be obtained through the City of Humble Building Department.

*****All suppression systems shall be field tested after installation to determine that the system has been properly installed and will function as intended. A blow trip test will be acceptable for testing purposes. *****

*****A rapid entry Knox box is required for buildings protected by a monitored fire alarm system. These can be purchased through the Knox Company at Knox Box. Contact our office for further information regarding installation. *****