

SECTION 5:
GENERAL REQUIREMENTS FOR KITCHEN HOOD
EXTINGUISHING SYSTEMS

- 5.1 **General.** Fire extinguishing systems for commercial kitchen hoods shall be designed and installed in accordance with this Guide, applicable NFPA and UL standards, manufacturer's recommendations, and other nationally recognized standards.
- 5.1.1 **Re-inspections.** Any failed inspection or test may be subject to a re-inspection fee per the District's Fee Schedule. Additional inspections or tests cannot be scheduled until the re-inspection fee is paid. See the AHJ for details.
- 5.2 **Appliances.** Appliances with built-in fire suppression systems shall be installed and maintained per the manufacturers' specifications. Each appliance shall be reviewed on a case-by-case basis.
- 5.2.1 **Solid fuel burning Appliances.** The design of solid fuel-burning appliances shall have noncombustible materials from the point of cooking extending through the termination of the chimney.
- 5.2.1.1 **Exhaust.** The exhaust shall be designed to prevent the emittance of sparks into the atmosphere.
- 5.3 **Kitchen Hood Connection.** The kitchen hood system shall interconnect with the building fire alarm system. If the building does not have a fire alarm system, the kitchen hood system may be required to sound an evacuation alarm as approved by the AHJ.
- 5.3.1 **Notification.** Appliances with a built-in fire suppression system shall be required to have audible and visual notifications. The notification device can be mounted on the appliance.
- 5.4 **Certification.** Technicians or companies registered or licensed by the hood manufacturer shall install, maintain, and/or service the kitchen fire suppression system(s).
- 5.5 **Pre-Piped Hoods.** The AHJ shall inspect all piping for a pre-piped hood before concealing the piping or installing the hood.
- 5.6 **Mobile Food Trucks.** Mobile food trucks and/or trailers shall comply with the most current adopted version of the IFC, as amended, NFPA 17A, NFPA 58, NFPA 70, NFPA 96, and other codes or policies adopted by the AHJ pertaining to food trucks operating under 6-CCR-1010-2.
- 5.6.1 **Exterior Notification.** Mobile Food Trucks may be required to install an exterior horn and strobe. The horn strobe requirement shall be determined during the mobile food truck's design and/or construction phase. The exterior horn and strobe shall activate if the kitchen hood extinguishing system is triggered.

5.7 **Electronic Activation Switches.** Kitchen suppression systems that utilize an electronic switch to activate the system shall have a permanent sign that reads “In the Event of Fire, Push Button to Activate Hood System.” The letters shall be a minimum of one-half inch ($\frac{1}{2}$ ”). Letters shall be white on a red background. The sign shall be posted directly above the switch. The switch shall be red and have the word “PUSH” on the activator.

5.7.1 **Circuit Testing.** The installer is required to provide all necessary equipment to test the system's electrical currents, which shall be available during inspections.