

HOOD AND DUCT EXTINGUISHING SYSTEM TO BE SERVICED AND TAGGED

Violation #22

CODE SECTIONS

International Fire Code 2012 Edition

901.6 Inspection, testing and maintenance. Fire detection, alarm, and extinguishing systems, mechanical smoke exhaust systems, and smoke and heat vents shall be maintained in an operative condition at all times, and shall be replaced or repaired where defective. Nonrequired *fire protection systems* and equipment shall be inspected, tested and maintained or removed.

901.6.1 Standards. *Fire protection systems* shall be inspected, tested and maintained in accordance with the referenced standards *listed* in Table 901.6.1.

TABLE 901.6.1 FIRE PROTECTION SYSTEM MAINTENANCE STANDARDS

SYSTEM	STANDARD
Portable fire extinguishers	NFPA 10
Carbon dioxide fire-extinguishing system	NFPA 12
Halon 1301 fire-extinguishing systems	NFPA 12A
Dry-chemical extinguishing systems	NFPA 17
Wet-chemical extinguishing systems	NFPA 17A
Water-based fire protection systems	NFPA 25
Fire alarm systems	NFPA 72
Mechanical smoke exhaust systems	NFPA 204
Smoke and heat vents	NFPA 204
Water-mist systems	NFPA 750
Clean-agent extinguishing systems	NFPA 2001

EXPLANATION

All fixed fire extinguishing systems installed in a kitchen's exhaust hood and duct system is required to be serviced by a licensed technician every six (6) months. The technician shall apply an approved tag to the system and this tag shall be accessible to the inspector to verify the service date. Additionally, the fire-extinguishing system must be serviced after any activation prior to re-opening the kitchen or restaurant.

RATIONALE

Given the propensity of grease fires in kitchen exhaust hood and duct systems, a fixed fire-extinguishing system has been installed in your kitchen. This system is required to be inspected by a licensed technician every six months to verify the operational readiness of the system. The system must also be serviced and inspected after each activation prior to opening the restaurant. This requirement verifies that a fully operational extinguishing system is in service when the restaurant re-opens after a fire.