

## REMOVE GREASE FROM HOOD, DUCT, AND FILTERS

Violation #23

### 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

Exhaust hoods are systems installed to remove from the building grease-laden vapors produced by cooking. The filters in the hood capture the vapors from the air prior to reaching the exterior. Grease will accumulate in these filters and throughout the hood including the fusible links that automatically activate the fire suppression system for your exhaust hood. If the inspector feels the accumulation of grease is excessive to the extent where the fire suppression system may not properly function or that the excessive grease constitutes a fire hazard, a thorough cleaning is required. Records of all hood cleanings shall be recorded and the log shall be provided to the inspector.

### RATIONALE

Grease-laden vapors produced from cooking will accumulate in your exhaust hood system. This accumulation is a fire hazard and must be removed to reduce the likelihood of a fire in your kitchen. This accumulation can also hinder the proper operation of the fire suppression system installed in your hood or by creating a larger fire than the suppression system can extinguish.