

PROVIDE ANNUAL CERTIFICATION FOR SPRINKLER/STANDPIPE SYSTEM

Violation #19

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

Every fire sprinkler system and standpipe system requires licensed certification testing every year. A hydraulic calculation plate should be located on the riser, which indicates the original installation date of the system. A new certification test is then required at yearly intervals from that date. A label shall be affixed to the riser indicating the re-certification date.

RATIONALE

Sprinkler and standpipe systems require that all the components of the system function properly in the event of a fire. Over time different components of the system may become inoperable due to corrosion, sedimentation and other environmental and mechanical reasons. The yearly inspection consists of a thorough examination and testing of all components of the system to verify proper functioning thus helping to ensure the fire safety of your building/business.