Subsection 6.5.5. Testing

Notification

6.5.5.1. Prior notification of water flow or other tests to be made to a sprinkler system shall be given to parties who could be affected by an alarm.

Alarm testing

6.5.5.2. (1) Except as provided in Article 6.5.5.7., the alarm on all sprinkler systems shall be tested monthly by flowing water through the test connection located at the sprinkler valve.

(2) An alarm line subject to freezing shall be cleared of all obstructions susceptible to freezing after the test specified in Sentence (1).

Water flow alarm tests

6.5.5.3. Water flow alarm tests using the most hydraulically remote test connection shall be performed annually on wet sprinkler systems.

Trip testing valves

6.5.5.4. (1) Dry-pipe valves shall be trip tested by means of the inspector’s test valve in accordance with Sentences (2) and (3) to ensure that they operate satisfactorily and that the sprinkler alarms are in operating condition.

(2) Dry-pipe valves shall be trip tested annually.

(3) During the test referred to in Sentence (2), the control valve is not required to be in the fully open position.

(4) Dry-pipe valves shall be trip tested at least once every three years with the control valve fully open.

(5) The trip time for the tests described in Sentences (2) and (4) may exceed the acceptance trip time by not more than 10%.

Water supply

6.5.5.5. Sprinkler system water supply pressure shall be tested annually with the main drain valve fully open to ensure that there are no obstructions or deterioration of the main water supply.

6.5.5.6. The test prescribed in Article 6.5.5.5. shall be conducted after any sprinkler system control valve has been operated.

Electrical supervision signal testing
6.5.5.7. (1) Where an electrical supervisory signal service is provided for a sprinkler system, it shall be tested by operating the supervisory signal devices in conformance with Sentences (2) and (3).

(2) Transmitters and water-flow-actuated devices shall be tested every two months.

(3) Valve supervisory switches, tank water level devices, building and tank water temperature supervisory devices and other sprinkler system supervisory devices shall be tested at least every six months.