

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.