

## **Subsection 6.5.6. Maintenance**

### ***Sprinkler guards***

6.5.6.1. Sprinklers shall be protected by sprinkler guards where there is the possibility of mechanical damage.

### ***Valve access***

6.5.6.2. Sprinkler control valves shall be accessible and maintained in operable condition at all times.

### ***Valve pits***

6.5.6.3. Pits containing sprinkler control valves shall be kept free of water and protected against freezing.

### ***Precautions against freezing***

6.5.6.4. (1) Except as permitted in Sentence (2), sections of sprinkler systems subject to freezing shall be converted to a dry-pipe or antifreeze system with a separate control valve for that part of the system.

(2) Alternative methods to prevent freezing of sprinkler piping may be used where **approved**.

### ***Spare sprinkler heads***

6.5.6.5. (1) Where sprinkler systems are installed, a supply of spare sprinkler heads and equipment shall be maintained in conformance with Sentences (2) to (5).

(2) Spare sprinkler heads shall be kept in a cabinet where the temperature does not exceed 38°C.

(3) The minimum stock of spare sprinkler heads to be kept on hand shall be

(a) 6 sprinkler heads for installations containing not more than 300 sprinklers,

(b) 12 sprinkler heads for installations containing from 301 to 1000 sprinklers, and

(c) 24 sprinkler heads for installations containing more than 1000 sprinklers.

(4) Spare sprinkler heads shall correspond to the types and temperature ratings of the sprinklers installed on the system.

(5) A wrench suitable for replacing sprinkler heads shall be kept in the cabinet where the spare sprinkler heads are stored.

*Protection for combustible sprinkler piping*

6.5.6.6. Materials installed to protect combustible sprinkler piping, as required by the **Building Code** current at the time of installation, shall be maintained in accordance with the provisions of the same edition of the **Building Code** used for their installation.