**Section 109.110 Compliance Standards**

a) The fire sprinkler system shall be serviced (including installed, repaired, inspected, tested, and maintained) in accordance with the edition of the following copyrighted standards and recommended practices in effect at the time of service. These standards are available from the National Fire Protection Association, 1 Batterymarch Park, Quincy MA 02269-7471.

NFPA 11 – Standard for Low-, Medium-, and High-Expansion Foam

NFPA 13 − Standard for the Installation of Sprinkler Systems

NFPA 13D − Standard for the Installation of Sprinkler Systems in One-and Two-Family Dwellings and Manufactured Homes

NFPA 13R − Standard for the Installation of Sprinkler Systems in Low-Rise Residential Occupancies

NFPA 14 − Standard for the Installation of Standpipe and Hose Systems

NFPA 15 − Standard for Water Spray Fixed Systems for Fire Protection

NFPA 16 − Standard for the Installation of Foam-Water Sprinkler and Foam-Water Spray Systems

NFPA 20 − Standard for the Installation of Stationary Pumps of Fire Protection

NFPA 22 − Standard for Water Tanks for Private Fire Protection;

NFPA 24 − Standard for the Installation of Private Fire Service Mains and Their Appurtenances

NFPA 25 − Standard for the Inspection, Testing and Maintenance of Water-Based Fire Protection Systems

b) All equipment used in the service of a fire sprinkler system shall be tested and approved by either the Underwriters Laboratories, Inc. or Factory Mutual Laboratories, Inc.

c) *Fire sprinkler system layout documents of fire sprinkler systems shall be prepared by:*

1) *a professional engineer who is licensed under the Professional Engineering Practice Act of 1989* [225 ILCS 312];

2) *an architect who is licensed under the Illinois Architecture Practice Act of 1989* [225 ILCS 305]; *or*

3) *a holder of a valid NICET Level III or IV certification in water-based fire protection systems layout who is either licensed under* the *Act or employed by an organization licensed under* the *Act.* [225 ILCS 317/14] All design drawings of engineered fire sprinkler systems shall be stamped by an Illinois licensed professional engineer or architect prior to submittal to the authority having jurisdiction.

(Source: Amended at 47 Ill. Reg. 19159, effective December 6, 2023)