



FIRE-MEDICAL DEPT

Guideline

Date: August 25, 2015

To: Design/Install/Service of Pre-Engineered Fire Suppression Systems

From: Peoria Fire-Medical Department – Fire Prevention Division

Subject: Manufacturer Certification Requirements

Effective immediately, this guideline will detail the minimum requirements from the City of Peoria Fire-Medical Department for the design, installation and service of all pre-engineered type, wet and dry chemical fire suppression systems. All Fire Code references are taken from the 2018 edition of the *International Fire Code*, the 2009 edition of NFPA 17 and the 2009 edition of NFPA 17A. Certification from the system manufacturer will be considered proper/approved documentation and shall be issued to the individual designer, installer and/or technician for each type of system that is designed, installed or maintained by the individual. Manufacturer certificates shall be current, expired certificates are not valid and will not be accepted.

DESIGN AND INSTALLATION REQUIREMENTS

Per §904.5 of the *International Fire Code*, pre-engineered wet chemical fire suppression systems are to be installed per the requirements of NFPA 17A. Per §904.6 of the *International Fire Code*, pre-engineered dry chemical fire suppression systems are to be installed per the requirements of NFPA 17. Additionally, §1.7 of NFPA 17A states “*Only persons properly trained shall be considered competent to design, install, and service pre-engineered wet chemical systems*” and §1.6 of NFPA 17 states “*Only persons properly trained shall be considered competent to design, install, and service pre-engineered dry chemical systems*”

Companies submitting plans for review and permitting for pre-engineered wet and dry chemical fire suppression systems will be required to submit a copy of a current certification from the manufacturer. The certificate shall identify the type of system(s) the company is approved to design. Individual installers shall have in their possession a copy of a current certification from the manufacturer to present to the Fire Inspector upon request at the inspection. The certificate shall identify installer and the type of system(s) the installer is approved to install.

SERVICE/MAINTENANCE REQUIREMENTS

Per §901.6.1 of the *International Fire Code*, wet chemical fire suppression systems are to be maintained per the requirements of NFPA 17A and dry chemical fire suppression systems are to be maintained per the requirements of NFPA 17. §904.1.1 of the *International Fire Code* states “*Service personnel providing or conducting maintenance on automatic fire-extinguishing systems, other than automatic sprinkler systems, shall*

possess a valid certificate issued by an approved governmental agency, or other approved organization for the type of system and work performed". Certification from the system manufacturer will be considered proper/approved documentation and shall be issued to the individual service technician for each type of system(s) maintained by the individual.

For questions regarding this matter, please feel free to contact our office at (623) 773-7275.

