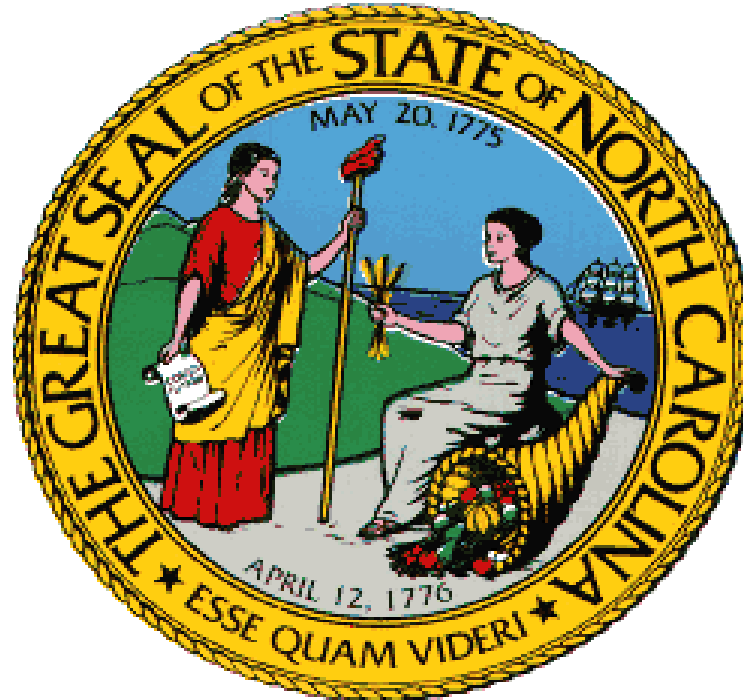


State Board of Examiners of Plumbing, Heating & Fire Sprinkler Contractors

38th Annual State Construction Conference



Dale Dawson – Executive Director

How We Were Started

**Created by the North Carolina
General Assembly in 1931**

Issuance of License

The first license, number 001 P-I & H-1-I, was issued on June 4,
1931 to

W. R. Doshier, Jr.

out of Wilmington, NC

History of the Board - 1931

- Our Board was established in 1931 to license Plumbing and Hot Water/Steam Heating (Boilers) Contractors
 - (Plumbing & Heating)
- Our license only applied in cities and towns greater than 10,000 population
- Permits and Inspection were not mandatory throughout the State during that time (there were inspection departments in larger cities and towns).

History of the Board - 1939

- Heating was redefined as:
 - **Heating Group 1** – For the installation or replacement of Hot Water and Steam Heat
 - **Heating Group 2** – For the installation or replacement of Air Conditioning greater than 15 tons

History of the Board - 1967

- Created new license
 - **Heating Group 3** – For the installation or replacement of forced Air Heating Contractors

History of the Board –1972

- Licensure went Statewide in all counties, cities and municipalities (plumbing, hot water/steam heating, forced air heating and air conditioning over 15 tons)
- Established a grandfather clause for licensure without examination
- Permits and Inspections were still not mandatory throughout the State

History of the Board - 1990

- Obtained licensure for **Fire Sprinkler Installation Contractors** – water based fire sprinkler systems

History of the Board - 2003

- Obtained licensure for **Fire Sprinkler Inspection Contractors** – water based fire sprinkler systems
- Obtained licensure for **Fire Sprinkler Inspection Technicians** – water based fire sprinkler systems
- Obtained licensure for **Fire Sprinkler Maintenance Technicians**

History of the Board - 2016

- Obtained licensure for:
 - **State & Local Government Plumbing Technician License**
 - **State & Local Government Heating Group 1 Technician License**
 - **State & Local Government Heating Group 2 Technician License**
 - **State & Local Government Heating Group 3 Technician License**

History of the Board

Since 1931 we have issued over

34,367

licenses

**GENERAL STATUTES OF THE BOARD
CHAPTER 87, ARTICLE 2**

Plumbing, Heating, and Fire Sprinkler Contractors

87-16. Board of Examiners; appointment; term of office.

There is created the State Board of Examiners of Plumbing, Heating, and Fire Sprinkler Contractors consisting of **seven** members appointed by the Governor: **one member from a school of engineering of the Greater University of North Carolina, one member who is a plumbing or mechanical inspector from a city in North Carolina, one licensed air conditioning contractor, one licensed plumbing contractor, one licensed heating contractor, one licensed fire sprinkler contractor, and one person who has no tie with the construction industry to represent the interests of the public at large.** Members serve for terms of **seven years, with the term of one member expiring each year.** The term of the member initially appointed to fill the position of licensed fire sprinkler contractor shall commence April 25, 1991. No member appointed after June 7, 1979, shall serve more than one complete consecutive term. Vacancies occurring during a term are filled by appointment of the Governor for the remainder of the unexpired term.

87-21. Definitions; contractors licensed by Board; examination; posting license, etc.

(a) Definitions. – For the purpose of this Article:

(1)The word "plumbing" is hereby defined to be the system of pipes, fixtures, apparatus and appurtenances, installed upon the premises, or in a building, to supply water thereto and to convey sewage or other waste there from.

(2)The phrase "heating, group number one" shall be deemed and held to be the heating system of a building, which requires the use of high or low pressure steam, vapor or hot water, including all piping, ducts, and mechanical equipment appurtenant thereto, within, adjacent to or connected with a building, for comfort heating.

87-21. Definitions; contractors licensed by Board; examination; posting license, etc.

(a) Definitions. – For the purpose of this Article:

(3) The phrase "heating, group number two" means **an integral system for heating or cooling a building consisting of an assemblage of interacting components producing conditioned air to raise or lower the temperature, and having a mechanical refrigeration capacity in excess of fifteen tons, and which circulates air.** Systems installed in single-family residences are included under heating group number three, regardless of size. Holders of a heating group number three license who have heretofore installed systems classified as heating group number two systems may nevertheless service, replace, or make alterations to those installed systems until June 30, 2004.

87-21. Definitions; contractors licensed by Board; examination; posting license, etc.

(a) Definitions. – For the purpose of this Article:

(4) The phrase "heating, group number three" shall be deemed and held to be a direct heating or cooling system of a building that raises or lowers the temperature of the space within the building for the purpose of comfort in which electric heating elements or products of combustion exchange heat either directly with the building supply air or indirectly through a heat exchanger using an air distribution system of ducts and having a mechanical refrigeration capacity of 15 tons or less. A heating system requiring air distribution ducts and supplied by ground water or utilizing a coil supplied by water from a domestic hot water heater not exceeding 150 degrees Fahrenheit requires either plumbing or heating group number one license to extend piping from valved connections in the domestic hot water system to the heating coil and requires either heating group number one or heating group number three license for installation of coil, duct work, controls, drains and related appurtenances.

87-21. Definitions; contractors licensed by Board; examination; posting license, etc.

(a) Definitions. – For the purpose of this Article:

(5) Any person, firm or corporation, who for a valuable consideration, (i) verifies, inspects, evaluates, tests, installs, alters or restores, or offers to verify, inspect, evaluate, test, install, alter or restore, either plumbing, heating group number one, or heating group number two, or heating group number three, or (ii) verifies, inspects, evaluates, tests, lays out, fabricates, installs, alters or restores, or offers to verify, inspect, evaluate, test, lay out, fabricate, install, alter or restore fire sprinklers, or any combination thereof, as defined in this Article, shall be deemed and held to be engaged in the business of plumbing, heating, or fire sprinkler contracting; provided, however, that nothing herein shall be deemed to restrict the practice of qualified registered professional engineers. Any person who installs a plumbing, heating, or fire sprinkler system on property which at the time of installation was intended for sale or to be used primarily for rental is deemed to be engaged in the business of plumbing, heating, or fire sprinkler contracting without regard to receipt of consideration, unless exempted elsewhere in this Article.

(b) Classes of Licenses; Eligibility and Examination of Applicant; Necessity for License.

(1) The provisions of this Article do not apply to any of the following persons to the extent the person does not claim to be a plumbing or heating contractor or is not acting in the capacity of a plumbing or heating contractor in the course of the person's duties:

1. A home inspector licensed under Article 9F of Chapter 143 of the General Statutes.
2. A certified Code-enforcement official licensed under Article 9C of Chapter 143 of the General Statutes.
3. A residential energy services network (RESNET) certified home energy rater."

Of the 23 different types of licenses our Board issues we issue the following applicable to State and local governments:

State & Local Government Plumbing Technician

State & Local Government Heating Group 1 Technician

State & Local Government Heating Group 2 Technician

State & Local Government Heating Group 3 Technician

Limited Fire Sprinkler Maintenance Technician

Fire Sprinkler Inspection Technician

87-21(b)(2)(c) State and Local Government Technician License

1. A State and local government plumbing, heating group number one, heating group number two, or heating group number three technician license for use by persons who do not possess the required plumbing, heating group number one, heating group number two, or heating group number three contractor license but desire to engage in the installation, repair, or replacement of plumbing, heating group number one, heating group number two, or heating group number three solely as an employee of a State or local government agency.

87-21(b)(2)(c) State and Local Government Technician License

2. A State and local government plumbing, heating group number one, heating group number two, or heating group number three technician license for use by persons who do possess the required plumbing, heating group number one, heating group number two, or heating group number three contractor license but also desire to engage in the installation, repair, or replacement of plumbing, heating group number one, heating group number two, or heating group number three as an employee of a State or local government agency without listing their contractor license in the name of the State or local government agency. Licensed contractors who obtain the State and local government technician license shall be allowed to contract and perform work under their contractor license only during hours such contractor is not actively employed with the State or local government as a technician, and is on-site carrying out the contracting activity personally. No work can be performed by the State or local government agency in reliance upon the technician license when the licensee is not present.

(b) Classes of Licenses; Eligibility and Examination of Applicant; Necessity for License.

(3) The Board shall prescribe the standard of competence, experience and efficiency to be required of an applicant for license of each class, and shall **give an examination designed to ascertain the technical and practical knowledge of the applicant concerning the analysis of plans and specifications, estimating costs, fundamentals of installation and design, codes, fire hazards, and related subjects as these subjects pertain to plumbing, heating, or fire sprinkler systems.** The examination for a fire sprinkler contractor's license shall include such materials as would test the competency of the applicant and which **may include the minimum requirements of certification for Level III, sub field of Automatic Sprinkler System Layout, National Institute for Certification of Engineering Technologies (NICET).** As a result of the examination, the Board shall issue a certificate of license of the appropriate class in plumbing, heating, or fire sprinkler contracting, and a license shall be obtained, in accordance with the (cont. on next page)

(cont. from previous page)

... provisions of this Article, before any person, firm or corporation shall engage in, or offer to engage in, the business of plumbing, heating, or fire sprinkler contracting, or any combination thereof. The obtaining of a license, as required by this Article, shall not of itself authorize the practice of another profession or trade for which a State qualification license is required. Prior to taking the examination, the applicant may be required by the Board to establish **that the applicant is at least 18 years of age and is of good moral character.** The Board may require experience as a condition of examination, provided that (i) the experience required may not exceed two years, (ii) that up to one-half the experience may be in the form of academic or technical courses of study, and (iii) that registration is not required at the commencement of the period of experience.

(b) Classes of Licenses; Eligibility and Examination of Applicant; Necessity for License.

Examinations shall be given at least twice each year, and additional examinations may be given as the Board deems wise and necessary. The examination shall be conducted in two parts to include a business and law portion and a technical portion. Requests for examination applications and information shall be made available online without charge and supplied at no cost to the potential examinee. The Board may offer written examinations or administer examinations by computer within 30 days after approving an application. Applicants shall be permitted to obtain the test score from each part of computerized examinations immediately upon completion of the examination. Upon passing the examination and paying the annual license fee, the applicant shall be issued a license. **A person who fails to pass any examination shall not be reexamined until after 90 days from the date the person was last examined.** An applicant who fails to pass any examination may take the failed portion within six months of the date approved to take the examination without retaking the portion passed. The Board may require applicants who fail any part of the examination three times to receive additional education before the applicant is allowed to retake the examination or wait one year before retaking any portion of the examination.

(c) To Whom Article Applies.

The provisions of this Article shall apply to all persons, firms, or corporations who engage in, or attempt to engage in, the business of plumbing, heating, or fire sprinkler contracting, or any combination thereof as defined in this Article. **The provisions of this Article shall not apply to those who make minor repairs or minor replacements to an already installed system of plumbing or heating, but shall apply to those who make repairs, replacements, or modifications to an already installed fire sprinkler system. Minor repairs or minor replacements within the meaning of this section shall include the replacement of parts in an installed system which do not require any change in energy source, fuel type, or routing or sizing of venting or piping. Parts shall include a compressor, coil, contactor, motor, or capacitor.**

87-25.1. Board may seek injunctive relief.

Whenever it appears to the Board that any person, firm or corporation is violating any of the provisions of this Article or of the rules and regulations of the Board promulgated under this Article, the Board may apply to the superior court for a restraining order and injunction to restrain the violation; and the superior courts have jurisdiction to grant the requested relief, irrespective of whether or not criminal prosecution has been instituted or administrative sanctions imposed by reason of the violation. The court may award the Board its reasonable costs associated with the investigation and prosecution of the violation.

NORTH CAROLINA ADMINISTRATIVE CODE

TITLE 21

OCCUPATIONAL LICENSING BOARD

CHAPTER 50

**BOARD OF EXAMINERS OF PLUMBING, HEATING, & FIRE
SPRINKLER CONTRACTORS**

.0301 QUALIFICATIONS DETERMINED BY EXAMINATION

(a) In order to determine the qualifications of an applicant, the Board shall provide an examination in writing or by computer in the following categories:

Plumbing Contracting, Class I

Plumbing Contracting, Class II

Heating, Group No. 1 - Contracting, Class I

Heating, Group No. 1 - Contracting, Class II

Heating, Group No. 2 - Contracting, Class I

Heating, Group No. 3 - Contracting, Class I

Heating, Group No. 3 - Contracting, Class II

Fuel Piping Contractor

Fire Sprinkler Installation Contractor

Fire Sprinkler Inspection Contractor

Residential Fire Sprinkler Installation Contractor

.0301 QUALIFICATIONS DETERMINED BY EXAMINATION (cont.)

Restricted Limited Plumbing Contractor

Limited Fire Sprinkler Maintenance Technician

Fire Sprinkler Inspection Technician

Plumbing Technician

Heating Group 1 Technician

Heating Group 2 Technician

Heating Group 3 Technician

Fuel Piping Technician

State & Local Government Plumbing Technician

State & Local Government Heating Group 1 Technician

State & Local Government Heating Group 2 Technician

State & Local Government Heating Group 3 Technician

.0312 STATE AND LOCAL GOVERNMENT PLUMBING OR HEATING TECHNICIAN

(a) In order to determine the qualifications of an applicant for a license as a State or local government plumbing or heating technician, the Board shall provide a written or computer-based examination in the following

categories:

- (1) State and local government Plumbing Technician;
- (2) State and local government Heating Group No. 1 Technician;
- (3) State and local government Heating Group No. 2 Technician; or
- (4) State and local government Heating Group No. 3 Technician

.0301 QUALIFICATIONS DETERMINED BY EXAMINATION

(d) Applicants for licensure in the Fire Sprinkler Inspection Technician classification must pass the technical examination offered by the Board. The Board shall accept the results of NICET examination resulting in Level II Certification in "Inspection and Testing of Water-based Systems" by NICET. Persons who obtain license as a Fire Sprinkler Inspection Technician based on NICET certification must maintain such certification as a condition of license renewal.

.0301 QUALIFICATIONS DETERMINED BY EXAMINATION

(f) Applicants for a license in the Limited Fire Sprinkler Maintenance Technician classification shall obtain a license based on maintenance experience, education and job classification set forth in Rule .0306 and pass a test administered by the Board.

.0312 STATE AND LOCAL GOVERNMENT PLUMBING OR HEATING TECHNICIAN

(b) Applicants for a license as a State & Local Government Plumbing or Heating Technician shall obtain a license based on experience set forth in Paragraph (c) of this Rule and shall pass the Class I technical and Board laws and rules part of the Board-administered examination described in 21 NCAC 50. 0301 related to the category for which a technician license is sought. The applicant need not pass the business part of the examination.

.0306 APPLICATIONS: ISSUANCE OF LICENSE

(e) Applicants for examination or licensure in the Fire Sprinkler Inspection Technician classification shall submit evidence adequate to establish that the applicant has either:

(1) 4000 hours of experience involved in inspection and testing of previously installed fire sprinkler systems, consistent with NFPA-25, Standard for the Inspection Testing and Maintenance of Water-Based Fire Protection Systems of the National Fire Protection Association, adopted by the North Carolina Building Code, which is hereby incorporated by reference including all subsequent editions and amendments to the document as a full-time employee of a Fire Sprinkler Inspection Contractor or fire insurance underwriting organization;

.0306 APPLICATIONS: ISSUANCE OF LICENSE

(2) 4000 hours of experience involved in inspection and testing of previously installed fire sprinkler systems, consistent with NFPA-25: Standard for the Inspection, Testing, and Maintenance of Water- Based Fire Protection Systems, which is hereby incorporated by reference including all subsequent editions and amendments. The document can be accessed free of charge at <http://www.nfpa.org/codes -and-standards/>;

(3) 4000 hours of experience involved in installation of fire sprinkler systems as a full-time employee of a Fire Sprinkler Installation Contractor;
or

(4) a combination of 4000 hours of experience in any of the categories listed in this Paragraph.

.0306 APPLICATIONS: ISSUANCE OF LICENSE

(g) Applicants for initial licensure in the Limited Fire Sprinkler Maintenance Technician classification must submit evidence of 2000 hours experience at the place for which license is sought as a full-time maintenance employee in facility maintenance with exposure to periodic maintenance of fire protection systems as described in Rule .0515 of this Chapter. Applicants who have held Limited Fire Sprinkler Maintenance Technician license previously are not required to demonstrate experience in addition to the experience at the time of initial licensure, but shall submit a new application if relocating to a new location.

.0312 State and Local Government Plumbing or Heating Technician

(c) Applicants for a license as a State & Local Government plumbing or heating technician shall present evidence to establish **3000 hours of full-time experience in the installation, maintenance, service, or repair of plumbing or heating systems related to the category for which a technician license is sought**, whether or not a license was required for the work performed.

(d) Applicants for a license as a State & Local Government Technician **who currently hold an active plumbing or heating contractor license issued by this Board may qualify for the corresponding State and local government technician license without examination.**

.0313 Responsibilities of State and Local Government Technician licensees

(c) A licensed State and local government technician licensee shall ensure that a permit is obtained from the appropriate State or local Code Enforcement official before commencing any work for which a license is required by the Board. The licensee shall also ensure that a request for final inspection of the work for which a license is required is made within 10 days of the earlier of the system being made operational or placed in service, absent agreement with the appropriate State or local Code Enforcement official. Absent agreement with the local Code Enforcement official the licensee shall not be relieved of responsibility to the Board to arrange inspection until a certificate of compliance or the equivalent is obtained from the appropriate State or local code enforcement official or the licensee has documentary evidence of his effort to obtain the same.

.0414 SUPERVISION IN ABSENCE OF INSPECTION

In lieu of the supervision required by 21 NCAC 50.0505, the holder of the qualifications upon which a license is based shall personally examine all work performed in reliance upon the license at completion and before the work is placed in service to assure that the installation, replacement, or repair is performed in compliance with the current edition of the North Carolina State Building Codes which is hereby incorporated by reference including all subsequent editions and amendments, and the manufacturers installation instructions, where the work will NOT be examined and approved by a person holding qualification from the Code Officials Qualification Board. The State Building Code may be accessed at <http://www.NCDOI.com/OSFM/Engineering>.

.0313 RESPONSIBILITIES OF STATE AND LOCAL GOVERNMENT TECHNICIAN LICENSEES

(d) The failure of a licensee to comply with the permit and inspection obligations outlined in this Rule shall be considered by the Board as evidence of incompetence or misconduct in the use of license from the Board.

.0403 USE OF LICENSE

(a) A licensed contractor or technician shall not permit the use of his license by any other person.

.0313 RESPONSIBILITIES OF STATE AND LOCAL GOVERNMENT TECHNICIAN LICENSEES

(g) In each State or local government agency location, branch, or facility of any kind from which work requiring a license pursuant to G.S. 87, Article 2 is carried out there shall be on duty the lesser of 1500 hours annually, or all hours during which the activities described herein are carried out, at least one licensee who holds the appropriate State and local government technician license in the classification required for the work being proposed or performed, whose license is listed in the name of the particular State or local government agency at that location, and who is engaged in the work of the State or local government at the agency location or at an agency job site and who has the responsibility to exercise general supervision over the work and who has been empowered to act for the State or local government agency, as defined in 21 NCAC .0505 of this Chapter, of all work falling within his or her license qualification. Evidence of compliance shall be required as a condition of renewal or retention of license and falsification shall constitute fraud in obtaining license. The standards set forth in 21 NCAC 50 .0512 shall be applied.

.0404 ACTIVE EMPLOYMENT

(b) If a licensee uses his or her license to qualify a firm and that licensee holds employment elsewhere, no work that requires a license may be performed by the firm based on the qualification of that licensee during the hours the licensee is committed or active in employment elsewhere.

.0405 MULTIPLE LICENSES

(b) A licensee may be listed on only one contractor license at any given time, whether the license is issued in the name of the individual or in the name of a firm; provided, however, that the Fire Sprinkler Maintenance Technician qualification and the State and local government technician qualification may be listed separately in the name of the employer to which restricted.

.0313 RESPONSIBILITIES OF STATE AND LOCAL GOVERNMENT TECHNICIAN LICENSEES

- (a) A licensed State and local government technician licensee shall be required to list their license with the Board in the name of the State and local government agency by whom the licensee is employed,
- (b) The holder of license as a State and local government, Heating Group 1 Technician, Heating Group 2 Technician, Heating Group 3 Technician, or Plumbing Technician shall be a full-time employee of a State or local government agency.

.0411 PUBLICATIONS

(a) The following publications are available from the Board:

(1) laws applicable to plumbing, heating and fire sprinkler contracting in the State of North Carolina;

(2) rules of the Board; and

(3) suggested study references for the qualifying examinations conducted by the Board.

(b) A Register of licensees is made available electronically on-line at all times.

.0501 AIR CONDITIONING FURTHER DEFINED

(a) Heating Group 2 systems are defined in G.S. 87-21(a)(3). Multiple units serving interconnected space and aggregating more than 15 tons are included Heating Group 2 systems in the foregoing whether or not separately ducted or controlled.

.0313 RESPONSIBILITIES OF STATE AND LOCAL GOVERNMENT TECHNICIAN LICENSEES

(e) A licensed State and local government technician licensee shall be responsible for general supervision to the extent of his qualifications, compliance with all applicable codes and standards, and assurance that permits and inspections are obtained.

(f) The “general supervision” required by G.S. 87-26 is the degree of supervision necessary and sufficient to ensure that the work is performed in a workmanlike manner and with the requisite skill and that the installation is made in accordance with applicable codes, rules and manufacturer installation instructions and industry practice. General supervision requires that review of the work done pursuant to the State and local government technician license be performed by the State and local government technician licensee while the work is in progress.

.0505 GENERAL SUPERVISION AND STANDARD OF COMPETENCE

(b) The provisions of the North Carolina Building Code, including the provisions of codes and standards incorporated by reference, and adopted by the Building Code Council of North Carolina are the minimum standard of competence applicable to contractors licensed by the Board. **Licensees shall design and install systems which meet or exceed the minimum standards of the North Carolina State Building Code, manufacturer's specifications and installation instructions and standards prevailing in the industry.**

.0506 MINOR REPAIRS AND ALTERATIONS

(b) The initial installation or the subsequent replacement of any water heater in any structure requires a license in plumbing except where installed by a property owner personally in property not intended or used for sale or rental.

.0507 HEATING: GROUP 1 LICENSE REQUIRED

A license in heating, group No. 1 is required for the installation or replacement of a boiler in a heating group No. 1 system.

.0508 HEATING: GROUP 3 LICENSE REQUIRED

(a) A license in heating, group No. 3 is required for the installation or replacement of a furnace, air handler, heat pump, package unit, ductwork or condenser in a heating, group No. 3 system.

.0508 HEATING: GROUP 3 LICENSE REQUIRED

(d) A heating, group No. 2 license is required for the installation or replacement of equipment or ductwork in a Heating Group No. 2 system, unless exempted by G.S. 87-21(a)(3).

.0313 RESPONSIBILITIES OF STATE AND LOCAL GOVERNMENT TECHNICIAN LICENSEES

(h) An unlicensed person employed by a State and local government agency licensed and supervised pursuant to G.S. 87, Article 2 shall not be required to have a license and shall not be subject to an action for injunctive relief brought by the Board if the unlicensed person is a bona-fide employee of the State and local government.

.0513 FIRE SPRINKLER INSPECTION TECHNICIAN LICENSE

(a) License in the Fire Sprinkler Inspection Technician classification is required of the technician who carries out periodic inspection of fire sprinkler systems consistent with NFPA-25.

.0513 FIRE SPRINKLER INSPECTION TECHNICIAN LICENSE

(b) Periodic observation and testing of systems other than NFPA-25 system certification may be carried out by Fire Sprinkler Maintenance Technicians licensed under Rule .0515 of this Chapter. Insurers who carry out inspections for the limited purpose of underwriting or rating for insurance purposes, in situations where the physical tasks are carried out by the on-site Fire Sprinkler Maintenance Technician licensee of the insured, are not required to be licensed pursuant to this Rule.

.0513 FIRE SPRINKLER INSPECTION TECHNICIAN LICENSE (CONT.)

All NFPA-25 reports and system tags must display the name and signature of the licensee who performed the actual inspection as well as the licensee number of the inspection contractor; except that where the Fire Sprinkler Inspection Technician license is issued in the name of a manufacturing, government, university or hospital facility as set out in this Rule, the NFPA-25 report and system tags must display the name, signature and license number of the Inspection Technician.

.0513 FIRE SPRINKLER INSPECTION TECHNICIAN LICENSE

(d) The duties of fire sprinkler inspection technicians may be carried out as employees of fire sprinkler inspection contractors or as full-time employees at a manufacturing, government, university or hospital facility. Fire Sprinkler Inspection Technician licenses shall be issued and listed either as sublicensees of fire sprinkler inspection contractors or as a fire sprinkler inspection technician license in the name of the manufacturing, government, university or hospital facility where the fire sprinkler inspection technician is employed.

.0515 FIRE SPRINKLER MAINTENANCE TECHNICIAN LICENSE

(a) License in the Fire Sprinkler Maintenance Technician classification is required of the technician who carries out periodic maintenance observation or testing of water-based fire protection systems. Licenses shall be issued based on experience and training, as described in Rules .0301 and .0306 of this Chapter and expire annually. This license is limited to work on the systems at the locations of the employer of the licensee for which experience was demonstrated.

.0515 FIRE SPRINKLER MAINTENANCE TECHNICIAN LICENSE (CONT.)

Upon termination of employment at the location for which certified, the Fire Sprinkler Maintenance Technician license shall lapse, and a new license shall be obtained for the systems at the new place of employment by compliance with the requirements of Rule .0306 of this Chapter. Insurers who carry out inspections for the limited purpose of underwriting or rating for insurance purposes, in situations where the physical tasks are carried out by the on-site Fire Sprinkler Maintenance Technician licensee of the insured, are not required to be licensed pursuant to this Rule.

.0515 FIRE SPRINKLER MAINTENANCE TECHNICIAN LICENSE

(b) Persons holding a Fire Sprinkler Maintenance Technician license may only:

- (1) Operate and lubricate hydrants and control valves;
- (2) Adjust valve and pump packing glands;
- (3) Bleed moisture and condensation from air compressors, air lines and dry pipe system auxiliary drains;
- (4) Clean strainers;
- (5) Check for painted, damaged or corroded sprinklers, corroded or leaking piping and verify control valves are open;

.0515 FIRE SPRINKLER MAINTENANCE TECHNICIAN LICENSE (CONT.)

(b) Persons holding a Fire Sprinkler Maintenance Technician license may only:

- (6) Replace painted, corroded or damaged sprinkler head, using identical serial numbers;
- (7) Replace missing or loose hangers;
- (8) Replace gauges;
- (9) Clean water motor gong;
- (10) Perform air compressor maintenance;
- (11) Reset dry pipe valves;
- (12) Exercise fire pumps, not including conduct of a flow measurement test;

.0515 FIRE SPRINKLER MAINTENANCE TECHNICIAN LICENSE (CONT.)

(13) Perform periodic maintenance observation or testing, not including the annual NFPA-25 inspections; or

(14) Perform repairs other than the foregoing on an emergency basis where necessary to restore a system to operation, provided the holder of the Fire Sprinkler Maintenance Technician license documents his efforts and inability to obtain the services of the holder of a license as a Fire Sprinkler Installation Contractor prior to performing the repairs, but obtains such services within 72 hours thereafter.

.1101 EXAMINATION FEES

(c) An application for a license by examination requires a fee of one hundred dollars (\$100.00), consisting of an application fee of twenty-five dollars (\$25.00) and an examination fee of seventy-five dollars (\$75.00), which is nonrefundable. Upon passage of the examination, the license fee set forth in 21 NCAC 50.1102 or this Rule must be paid to obtain the license within 45 days of notification of the result of the examination, except that anyone passing the examination after November 1 of any year may elect to obtain a license for the following year rather than the year in which the exam was passed.

.1102 LICENSE FEES

(a) Except as set out in this Rule, the annual license fee for plumbing, heating and fuel piping licenses by this Board is one-hundred thirty dollars (\$130.00).

.1102 LICENSE FEES

(c) The initial application fee for license without examination conducted by the Board is thirty dollars (\$30.00).

.1102 LICENSE FEES

(f) The annual license fee for Fire Sprinkler Maintenance Technician is one hundred thirty dollars (\$130.00).

.1102 LICENSE FEES

(h) The annual license fee for Fire Sprinkler Inspection Technician is one hundred thirty dollars (\$130.00).

**.0313 RESPONSIBILITIES OF STATE AND LOCAL
GOVERNMENT TECHNICIAN LICENSEES**

(i) The annual license fee for a State and local government Technician license is one hundred thirty dollars (\$130.00), except as provided in Paragraph (j) of this Rule.

.0313 RESPONSIBILITIES OF STATE AND LOCAL GOVERNMENT TECHNICIAN LICENSEES

(j) The annual license fee for a State & Local Government Technician Plumbing or Heating Technician license is listed as the second or subsequent licensee at the same agency location is sixty-five dollars (\$65.00).

Any additional questions?

