SENATE, No. 2393

STATE OF NEW JERSEY

212th LEGISLATURE

INTRODUCED DECEMBER 11, 2006

Sponsored by: Senator JOSEPH CONIGLIO District 38 (Bergen)

SYNOPSIS

Establishes the State Board of Examiners of Heating, Ventilation and Air Conditioning Contractors.

CURRENT VERSION OF TEXT

As introduced.



AN ACT providing for the licensing of heating, ventilating and air conditioning contractors, amending P.L.1971, c.60, P.L.1974, c.46 and P.L.1978, c.73 and supplementing Title 45 of the Revised Statutes.

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BE IT ENACTED by the Senate and General Assembly of the State of New Jersey:

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1. (New section) Sections 1 through 22 of this act shall be known and may be cited as "The State Heating, Ventilating and Air Conditioning Contracting License Law."

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2. (New section) As used in this act:

"Apprentice HVAC tradesperson" means any person who, as his principal occupation, is engaged in learning and assisting in the installation and servicing of HVAC systems.

"Board" means the State Board of Examiners of Heating, Ventilation and Air Conditioning Contractors created by section 3 of this act.

"Bona fide representative" means: in the case of a sole proprietorship, the owner; in the case of a partnership, a partner; in the case of a limited liability company, a manager; or in the case of a corporation, an executive officer.

"Director" means the Director of the Division of Consumer Affairs in the Department of Law and Public Safety.

"Heating, ventilating and air conditioning" or "HVAC" means the process of treating and protecting the environment by the responsible handling, dispensing, collecting and cleaning of chlorofluorocarbons and other refrigerants in stationary sources, and controlling the temperature, humidity and cleanliness of air by using the "wet," "dry," "radiant," "conduction," "convection," "direct," or "indirect" method or combination of methods, including those which utilize solar energy, to meet the environmental "HVAC" also means the requirements of a designated area. installation, maintenance and repair of: power boiler systems, hydronic heating systems, fire tube and water tube boilers, pressure steam and hot water boilers, furnaces and space heaters, and appurtenances utilizing electric, fossil fuel or solar energy other than for the use of heating potable water; warm air heating or refrigeration and evaporative cooling systems, ventilation and exhaust systems, dust collectors, air handling equipment, heating or cooling coils, air or refrigerant compressors, chillers, cooling towers, evaporators, condensers, plenums, fans, blowers, air cleaners, mechanical ventilation for radon mitigation, humidifiers, filters, louvers, mixing boxes and appurtenances; hydronic heating

EXPLANATION – Matter enclosed in bold-faced brackets [thus] in the above bill is not enacted and is intended to be omitted in the law.

and chilled water pipe, condensate piping not regulated under P.L.1968, c.362 (C.45:14C-1 et seq.), valves, fittings, fuel oil storage tanks not regulated under P.L.1986, c.102 (C.58:10A-21 et seq.), burners and piping, hydronic heating, expansion tanks, pumps, gauges, humidity and thermostatic controls; natural or manufactured gas piping on the load side of a meter; supply water piping to equipment being served from an existing dedicated source connected downstream from an approved backflow preventer, except in replacement cases, the installation of the required approved backflow device downstream from a pre-existing valve; and the maintaining, installing or connecting of: pneumatic controls and control piping, for the control of air, liquid, or gas temperatures, radiators, convectors, unit cabinet heaters, fan coil units, flues, or patented chimneys; and pneumatic controls and control piping, of automatic oil, gas or coal burning equipment, mechanical refrigeration equipment, gasoline or diesel oil dispensing equipment and in replacement cases only, the connection thereof of the wiring from an electrical service disconnect box of adequate size to accommodate the equipment and controls and previously dedicated to that equipment, and the testing and balancing of air and hydronic systems, but does not include the design or preparation of specifications for equipment or systems to be installed that are within the practice of professional engineering as defined in subsection (b) of section 2 of P.L.1938, c.342 (C.45:8-28).

"Heating, ventilating and air conditioning contracting" means undertaking or advertising to undertake, for a fixed price, fee, commission, or gain of whatever nature, the planning, laying out, installation, construction, maintenance, service, repair, alteration or modification to any portion of any system, product or equipment or appurtenances used for the environmental needs or control of any heating, ventilating and air conditioning system.

"Heating, ventilating and air conditioning contractor" means any person, firm, partnership, corporation or other legal entity licensed according to the provisions of this act which obtains a pressure seal pursuant to sections 18 and 19 of this act and which advertises, undertakes or offers to undertake for another the planning, laying out, supervising, installing, or repairing of HVAC systems, apparatus or equipment. In order to act as an "HVAC contractor," an individual shall be a bona fide representative of the legal entity licensed pursuant to the provisions of this act.

"Journeyman HVAC tradesperson" means any person who installs, alters, repairs and renovates HVAC systems in accordance with standards, rules and regulations established by the board and who works under the supervision of an HVAC contractor.

"Retrofit" means a change in design, construction or equipment already in operation in order to incorporate later improvements.

"Replacement" means a change of equipment with the same type

or similar equipment.

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- 3 (New section) There is created within the Division of 4 Consumer Affairs in the Department of Law and Public Safety the 5 State Board of Examiners of Heating, Ventilation and Air Conditioning Contractors. The board shall consist of nine members 6 7 who are residents of the State of New Jersey and who, except for 8 the member from the department in the Executive Branch of State 9 Government, shall be appointed by the Governor. In addition to the 10 two public members appointed to represent the interests of the public pursuant to the provisions of subsection b. of section 2 of 11 12 P.L.1971, c.60 (C.45:1-2.2), one member shall be from a 13 department in the Executive Branch of State Government who shall 14 serve without compensation at the pleasure of the Governor; three members shall be practicing HVAC contractors with at least 10 15 16 years experience; two members shall be mechanical inspectors with 17 at least 10 years experience; and one member shall be a journeyman 18 HVAC tradesperson of at least 10 years experience.
 - The Governor shall appoint each member, other than the State executive department member, for terms of four years, except that of the members first appointed, other than the State executive department member, two shall serve for a term of four years, two shall serve for a term of three years, two shall serve for a term of two years, and two shall serve for terms of one year. Any vacancy in the membership shall be filled for the unexpired term in the manner provided for the original appointment. No member of the board may serve more than two successive terms in addition to any unexpired term to which he has been appointed. The Governor may remove any member of the board, other than the State executive department member, for cause.

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- 4. (New section) The board shall, in addition to other powers and duties it may possess by law:
 - a. Administer the provisions of this act;
- b. Examine and pass on the qualifications of all applicants for license under this act, and issue a license to each qualified successful applicant;
- c. Examine, evaluate and supervise all examinations and procedures;
 - d. Adopt a seal which shall be affixed to all licenses issued by it;
- e. Adopt rules and regulations pursuant to the "Administrative 42 Procedure Act," P.L.1968, c.410 (C.52:14B-1 et seq.) as it may 43 deem necessary to enable it to perform its duties under and to 44 enforce the provisions of this act;
- Annually publish a list of the names and addresses of all 45 46 persons who are licensed under this act;
 - g. Establish standards for continuing education; and
- 48 h. Prescribe or change the charges for examinations, licensures,

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renewals and other services performed pursuant to P.L.1974, c.46 (C.45:1-3.1 et seq.).

5. (New section) Any person desiring to obtain a State HVAC contractor's license shall make application for licensure to the board and shall pay all the fees required in connection with the application, and be examined as required by this act.

6. (New section) On or after the effective date of this act, a municipality, local board of health or any other agency shall not issue or renew any HVAC contractor's license.

- 7. (New section) a. A person shall not work as an HVAC contractor or use the title or designation of "licensed HVAC contractor" or "HVAC contractor" unless licensed pursuant to the provisions of this act.
- b. A person, firm, partnership, corporation or other legal entity shall not engage in the business of HVAC contracting or advertise in any manner as an HVAC contractor or use the title or designation of "licensed HVAC contractor" or "HVAC contractor" unless authorized to act as an HVAC contractor pursuant to the provisions of this act.

8. (New section) Nothing in this act shall be construed to prevent the practice of engineering by a holder of a license to practice that profession in this State, but no engineer shall use the designation "licensed HVAC contractor" unless licensed as an HVAC contractor under the provisions of this act.

9. (New section) The provisions of this act shall not apply to a single family home owner who personally occupies his own dwelling and who solely performs HVAC work on his own dwelling, upon receipt of all required permits, except that any HVAC work involving chlorofluorocarbons (CFC's) or hydrochlorofluorocarbons (HCFC's) shall be performed only by a licensed HVAC contractor.

10. (New section) The provisions of this act shall not apply to any public utility company regulated by the Board of Public Utilities pursuant to Title 48 of the Revised Statutes that performs emergency repair services to prevent an imminent threat to the health and safety of life or property, which repair services include, but are not limited to, turning off, disconnecting, shutting down or disabling any equipment or condition or the provision of any products.

11. (New section) The provisions of this act shall not deny to any municipality the power to inspect HVAC work or equipment or the power to enforce the standards and manner in which HVAC work shall be done, but no municipality, local board of health or other agency shall require any HVAC contractor licensed under this act, or authorized to engage in the business of HVAC contracting under this act, to obtain any additional license, apply for or take any examination, or pay any licensing fee.

12. (New section) Not less than 30 days and not more than 60 days prior to the date set for the examination for an HVAC contractor's license, every person, except as provided in this act, desiring to apply for a license, who meets the qualifications as set forth in this act, shall deliver to the board, personally or by certified mail, return receipt requested, postage prepaid, a certified check or money order payable to the Treasurer of the State of New Jersey in the required amount, together with the written application required by the board, completed as described in the application, and together with proof of qualifications as described in this act.

The qualifications for an HVAC contractor's license shall be as follows: The person shall be 21 or more years of age and a citizen or legal resident of the United States, and shall have been employed in the HVAC contracting business for a period of five years next preceding the date of his application for a license. Three or more of the five years shall have been spent while engaged or employed as a journeyman HVAC tradesperson. At least two years of the five years shall have been spent in an HVAC apprenticeship or other training program approved by the Department of Education, with proof of passage and successful completion of this program while actively engaged or employed as an apprentice as determined by the board. In lieu of the above requirements a person shall have been awarded a bachelor's degree in HVAC technology from an accredited college or university in the United States which the board finds acceptable and, in addition, shall have been engaged or employed in the practical work of installing HVAC systems for three years.

Proof of compliance with the qualifications or those in lieu thereof shall be submitted to the board in writing, sworn to by the applicant, and accompanied by two recent passport-size photographs of the applicant.

- 13. (New section) a. Every HVAC contractor's license examination shall be substantially uniform and shall be designed so as to establish the competence and qualifications of the applicant to perform the type of work and business as described in this act. The examination may be theoretical or practical in nature, or both.
- b. The examination shall be held at least four times a year, at Trenton or other place the board deems necessary. Public notice of the time and place of the examination shall be given.
 - c. No person who has failed the examination shall be eligible to

be reexamined for a period of six months from the date of the examination failed by that person.

d. All applicants for HVAC licenses, renewals or reexaminations shall pay a fee for each license issuance or renewal, or reexamination as determined by the board.

14. (New section) Licenses shall be renewed biennially by the board upon written application of the holder and payment of the prescribed fee and renewal of the bond required by section 17 of this act. A license may be renewed without reexamination, if the application for renewal is made within 30 days next preceding or following the scheduled expiration date. Any applicant for renewal making application at any time subsequent to the 30th day next following the scheduled expiration date may be required by the board to be re-examined, and that person shall not continue to act as a licensed HVAC contractor, as described in this act, and no firm, corporation or other legal entity for which the person is the bona fide representative shall operate under a license in the HVAC business, as described in this act, until a valid license has been secured or is held by a bona fide representative.

Any license expiring while the holder is outside the continental limits of the United States in connection with any project undertaken by the government of the United States, or while in the services of the Armed Forces of the United States, shall be renewed without the holder being required to be reexamined, upon payment of the prescribed fee at any time within four months after the person's return to the United States or discharge from the armed forces, whichever is later.

15. (New section) The board may in its discretion grant licenses without examination to applicants so licensed by other states; provided that equal reciprocity is provided for New Jersey HVAC contractors by the law of the applicant's domiciliary state and provided further that the domiciliary state's standards are equal to or comparable to those of this State.

16. (New section) No firm, corporation or other legal entity operating under and by virtue of this act shall be denied the privilege of conducting and continuing the business of HVAC contracting, by reason of death, termination of employment, illness or a substantial disability of the bona fide representative of the firm, corporation or other entity, provided that: the firm, corporation or other entity has complied with the other provisions of this act; the firm, corporation or other entity maintains a place of business within this State; and another bona fide representative of the entity obtains a State license within six months from the date of the death, termination of employment, illness or disability. The board may promulgate additional regulations governing the management and

operation of an entity during that period of time when the entity shall be in operation without having a bona fide representative.

17. (New section) In addition to any other bonds that may be required pursuant to contract, no HVAC contractor licensed under this act shall undertake to do any HVAC work in the State unless and until he shall have first entered into a bond in favor of the State of New Jersey in the sum of \$3,000 executed by a surety company authorized to transact business in this State, approved by the Department of Banking and Insurance and to be conditioned on the faithful performance of the provisions of this act. No municipality shall require any similar bond from any HVAC contractor licensed under this act. The board shall by rule and regulation provide who shall be eligible to receive the financial protection afforded by the bond required to be filed by this section. The bond shall be for the term of 12 months and shall be renewed at each expiration for a similar period.

- 18. (New section) To be eligible to obtain and retain a pressure seal, and renew an HVAC license, an HVAC contractor shall:
- a. Secure, maintain and file with the board a certificate of general liability insurance from an insurance company authorized and licensed to do business in this State covering the HVAC contracting done by that HVAC contractor. The minimum amount of general liability insurance shall be \$300,000 for the combined property damage and bodily injury to or death of one or more persons in any one accident or occurrence;
 - b. File with the board its Federal Tax Identification number; and
- c. Comply with any continuing education requirements regarding license renewal for an HVAC contractor established by the board through regulation.

Every certificate of insurance required to be filed with the board pursuant to this section shall provide that cancellation of the insurance shall not be effective unless and until at least 10 days' notice of intention to cancel has been received in writing by the board.

19. (New section) a. The board shall provide a pressure seal to an HVAC contractor at the time of the issuance of a license or as soon thereafter as deemed appropriate by the board. No pressure seal shall be provided by the board or retained by an HVAC contractor unless the HVAC contractor complies with the provisions of sections 17 and 18 of this act. The HVAC contractor shall pay the cost of the pressure seal, but the seal shall remain the property of the board. The pressure seal shall be surrendered to the board immediately upon suspension, revocation or expiration of the license or upon a finding of noncompliance with the provisions of section 18 of this act.

- b. An HVAC contractor shall impress his pressure seal upon all applications for HVAC permits from the appropriate duly licensed State inspection agency.
 - c. A pressure seal shall be used exclusively by an HVAC contractor or in the conduct of the HVAC contractor's practice. An HVAC contractor shall not willfully or negligently allow any person to use his pressure seal.

- 20. (New section) Notwithstanding any other provision of this act to the contrary, the board shall, upon application to it and submission of satisfactory proof and the payment of the prescribed fee within six months following the effective date of this act, issue an HVAC license without examination to: a. any licensed master plumber who has been engaged in the heating, ventilating or air conditioning business for at least two years prior to the date of his application for an HVAC license; or b. any person who has been engaged as a heating, ventilating and air conditioning contractor for at least two years prior to his date of application for an HVAC license.
- A person entitled to an HVAC license under the provisions of this section shall comply with the remaining provisions of this act.

- 21. (New section) a. Nothing in this act shall be construed to prevent licensed master plumbers from engaging in the installation, maintenance and repair of: power boiler systems, hot water and steam heating systems, fire tube and water tube boilers, pressure steam and hot water boilers, space heaters, unit heaters, and appurtenances utilizing electricity, fossil fuel or solar energy; steam, hot water and chilled water pipe, condensate piping, valves, fittings, fuel oil storage tanks not regulated under P.L.1986, c.102 (C.58:10A-21 et seq.), burners and piping, expansion tanks, pumps, gauges on the load side of a meter; and thermostatic controls; or natural or manufactured gas piping; and the installation, maintenance or connection of: pneumatic controls and control piping for the control of air, liquid or gas temperatures, radiators, convectors, cabinet unit heaters, fan coil units, air handlers utilizing hydronic coils, mechanical ventilation for radon mitigation, humidifiers, flues and patented chimneys; or of pneumatic controls and control piping of automatic oil, gas or coal burning equipment, gasoline or diesel oil dispensing equipment and in replacement cases only, the connection thereof of the wiring from a dedicated electrical service disconnect box of adequate size to accommodate the equipment and controls, and the testing and balancing of hydronic systems.
- b. Nothing in this act shall be construed to prevent licensed electrical contractors from engaging in the installation of: electrical resistance heating equipment and ventilation equipment with the exhaust duct not exceeding 60 square inches in area, or in

1 commercial applications the connection sleeve between a roof-top 2 mounted exhaust fan and its central connecting register, provided 3 that this connection sleeve is not more than 15 feet in length; and 4 the maintenance and repair of the electrical sections of any 5 equipment used for heating, ventilating or air conditioning.

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22. (New section) Notwithstanding any other provision of this act to the contrary, a licensed master plumber or a person with an HVAC license shall not perform any electrical work which has a potential of greater than 30 volts, involving the wiring of equipment used for heating, ventilating or air conditioning, except in the case of replacement installations as described in sections 2 and 21 of this act or as provided for in section 18 of P.L.1962, c.162 (C.45:5A-

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- 16 23. Section 1 of P.L.1971, c.60 (C.45:1-2.1) is amended to read
- 17 as follows: 18 1. The provisions of this act shall apply to the following boards 19 and commissions: the New Jersey State Board of Accountancy, the 20 New Jersey State Board of Architects, the New Jersey State Board 21 of Cosmetology and Hairstyling, the Board of Examiners of 22 Electrical Contractors, the New Jersey State Board of Dentistry, the 23 State Board of Mortuary Science of New Jersey, the State Board of 24 Professional Engineers and Land Surveyors, the State Board of 25 Marriage and Family Therapy Examiners, the State Board of 26 Medical Examiners, the New Jersey Board of Nursing, the New 27 Jersey State Board of Optometrists, the State Board of Examiners of 28 Ophthalmic Dispensers and Ophthalmic Technicians, the Board of 29 Pharmacy, the State Board of Professional Planners, the State Board of Psychological Examiners, the State Board of Examiners of 30 31 Master Plumbers, the New Jersey Real Estate Commission, the 32
- State Board of Court Reporting, the State Board of Veterinary
- 33 Medical Examiners, the Radiologic Technology Board of
- 34 Examiners, the Acupuncture Examining Board, the State Board of
- 35 Chiropractic Examiners, the State Board of Respiratory Care, the
- 36 State Real Estate Appraiser Board, the State Board of Social Work 37 Examiners, [and] the State Board of Examiners of Heating.
- 38 Ventilation and Air Conditioning Contractors, the State Board of
- 39 Physical Therapy Examiners, the Orthotics and Prosthetics Board of
- 40 Examiners, the New Jersey Cemetery Board, the State Board of
- 41 Polysomnography and any other entity hereafter created under Title
- 42 45 to license or otherwise regulate a profession or occupation.
- 43 (cf: P.L.2005, c.308, s.8)

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- 45 24. Section 1 of P.L.1974, c.46 (C.45:1-3.1) is amended to read 46 as follows:
- 47 1. The provisions of this act shall apply to the following boards 48 and commissions: the New Jersey State Board of Accountancy, the

- 1 New Jersey State Board of Architects, the New Jersey State Board 2 of Cosmetology and Hairstyling, the Board of Examiners of 3 Electrical Contractors, the New Jersey State Board of Dentistry, the 4 State Board of Mortuary Science of New Jersey, the State Board of 5 Professional Engineers and Land Surveyors, the State Board of 6 Marriage and Family Therapy Examiners, the State Board of 7 Medical Examiners, the New Jersey Board of Nursing, the New 8 Jersey State Board of Optometrists, the State Board of Examiners of 9 Ophthalmic Dispensers and Ophthalmic Technicians, the Board of 10 Pharmacy, the State Board of Professional Planners, the State Board 11 of Psychological Examiners, the State Board of Examiners of 12 Master Plumbers, the State Board of Court Reporting, the State 13 of Veterinary Medical Examiners, the Radiologic 14 Technology Board of Examiners, the Acupuncture Examining 15 Board, the State Board of Chiropractic Examiners, the State Board 16 of Respiratory Care, the State Real Estate Appraiser Board, the New 17 Jersey Cemetery Board, the State Board of Social Work Examiners
- 23 or occupation.

(cf: P.L.2005, c.308, s.10)

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25. Section 2 of P.L.1978, c.73 (C.45:1-15) is amended to read as follows:

[and], the State Board of Examiners of Heating, Ventilation and

Air Conditioning Contractors, the State Board of Physical Therapy

Examiners, the State Board of Polysomnography, the Orthotics and

Prosthetics Board of Examiners and any other entity hereafter

created under Title 45 to license or otherwise regulate a profession

2. The provisions of this act shall apply to the following boards and all professions or occupations regulated by, through or with the advice of those boards: the New Jersey State Board of Accountancy, the New Jersey State Board of Architects, the New Jersey State Board of Cosmetology and Hairstyling, the Board of Examiners of Electrical Contractors, the New Jersey State Board of Dentistry, the State Board of Mortuary Science of New Jersey, the State Board of Professional Engineers and Land Surveyors, the State Board of Marriage and Family Therapy Examiners, the State Board of Medical Examiners, the New Jersey Board of Nursing, the New Jersey State Board of Optometrists, the State Board of Examiners of Ophthalmic Dispensers and Ophthalmic Technicians, the Board of Pharmacy, the State Board of Professional Planners, the State Board of Psychological Examiners, the State Board of Examiners of Master Plumbers, the State Board of Court Reporting, the State Board of Veterinary Medical Examiners, the State Board of Chiropractic Examiners, the State Board of Respiratory Care, the State Real Estate Appraiser Board, the State Board of Social Work Examiners, the State Board of Examiners of Heating, Ventilation and Air Conditioning Contractors, the State Board of Physical

Therapy Examiners, the State Board of Polysomnography, the

- 1 Professional Counselor Examiners Committee, the New Jersey
- 2 Cemetery Board, the Orthotics and Prosthetics Board of Examiners,
- 3 the Occupational Therapy Advisory Council, the Electrologists
- 4 Advisory Committee, the Acupuncture Advisory Committee, the
- 5 Alcohol and Drug Counselor Committee, the Athletic Training
- 6 Advisory Committee, the Certified Psychoanalysts Advisory
- 7 Committee, the Fire Alarm, Burglar Alarm, and Locksmith
- 8 Advisory Committee, the Home Inspection Advisory Committee,
- 9 the Interior Design Examination and Evaluation Committee, the
- 10 Hearing Aid Dispensers Examining Committee, the Landscape
- 11 Architect Examination and Evaluation Committee, the Massage,
- 12 Bodywork and Somatic Therapy Examining Committee, the
- 13 Perfusionists Advisory Committee, the Physician Assistant
- 14 Advisory Committee, and the Audiology and Speech-Language
- 15 Pathology Advisory Committee and any other entity hereafter
- 16 created under Title 45 to license or otherwise regulate a profession
- 17 or occupation.
- 18 (cf: P.L.2005, c.308, s.11)

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26. This act shall take effect immediately, except that section 7 shall take effect 360 days following the appointment and qualification of the board members, and provided that the director and board may take such anticipatory action as may be necessary to effectuate that provision of the act.

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STATEMENT

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This bill establishes licensing requirements for those persons engaged in the business of heating, ventilating and air conditioning contracting and the responsible collection and disbursement of chlorofluorocarbons and other refrigerants to protect the environment. The bill establishes the State Board of Examiners of Heating, Ventilation and Air Conditioning Contractors which shall consist of nine members. Two members shall be public members; three members shall be heating, ventilating and air conditioning contractors with at least 10 years experience; two members shall be mechanical inspectors with at least 10 years experience, one member shall be a journeyman HVAC tradesperson with at least 10 years experience; and one member shall be a State executive department member.

The bill also requires heating, ventilating and air conditioning (HVAC) firms to carry general liability insurance and to file their Federal Tax Identification number with the State Board of Examiners of Heating, Ventilation and Air Conditioning Contractors. Additionally, it regulates the possession and use of a pressure seal by an HVAC contractor.

48 The bill establishes standards of eligibility for licensure of

1 HVAC contractors. It requires that, to be eligible, a person must

2 have been engaged or employed in the HVAC industry for a period

3 of five years next preceding the date of his application for a State

4 license. The bill provides that three or more of the five years shall

5 have been spent while engaged or employed as a journeyman

6 HVAC tradesperson. At least two of the five years shall have been

spent in an HVAC apprenticeship or other training program 7

8 approved by the board. In lieu of these requirements, the board

9 may accept as satisfactory a background including a bachelor's

10 degree in HVAC technology from an accredited college or 11

university which the board finds acceptable and, in addition, shall

12 have been engaged or employed in practical work experience of

13 installing HVAC systems for three years.

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Furthermore, the bill provides for a biennial license renewal of HVAC contractors.

Also, the bill enumerates specific practices in which a licensed master plumber may be engaged, provided that he does not hold himself out to the public as a licensed HVAC contractor. addition, the bill denotes specific work that is permissible for licensed electricians to perform. It further provides that nothing in this bill should be construed to prevent the practice of engineering by any person who holds an engineering license and also states that no engineer shall use the designation of licensed HVAC contractor unless so licensed in accordance with the provisions of this bill. The bill further stipulates that its provisions shall not apply to any public utility company regulated by the Board of Public Utilities pursuant to Title 48 of the Revised Statutes that performs emergency repair services to prevent an imminent threat to the health and safety of life or property, which repair services include, but are not limited to, turning off, disconnecting, shutting down or disabling any equipment or condition or the provision of any products.

In addition, the bill provides that any licensed master plumber or any other person who applies for an HVAC contractor's license within six months following the bill's effective date, and who has been engaged in the heating, ventilating or air conditioning business for at least two years prior to the date of application, shall receive the HVAC contractor's license, without examination, upon application to the board, and submission of satisfactory proof and the payment of a prescribed fee.