

2020



HVAC

**Idaho Codes
and
Administrative Rules**

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Idaho Statutes

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TITLE 54. PROFESSIONS, VOCATIONS, AND BUSINESSES
CHAPTER 50. INSTALLATION OF HEATING, VENTILATION
AND AIR CONDITIONING SYSTEMS

§ 54-5001. Declaration of policy

The purpose of this chapter is to ensure that installation of all heating, ventilation and air conditioning systems in the state of Idaho shall be in accordance with the 2003 International Mechanical Code as published by the International Code Council, the 2003 International Fuel Gas Code as published by the International Code Council, and parts V and VI of the 2003 International Residential Code as published by the International Code Council, applicable to the industry and including amendments, revisions, and later editions of these codes as adopted by the Idaho heating, ventilation and air conditioning board. Nothing in this chapter shall require a local government to adopt or implement a mechanical inspection program unless such local government chooses to do so by an ordinance duly adopted. By January 1, 2005, local governments that issue mechanical permits and perform mechanical or fuel gas enforcement activities shall, by ordinance, adopt and enforce the codes as prescribed by this chapter.

§ 54-5002. Exceptions

(1) Certificate of competency requirements of this chapter shall not apply to:

(a) Any person who installs or maintains a heating, ventilation and air conditioning system in a single or duplex family dwelling, including accessory buildings, quarters and grounds in connection with such dwelling; provided that such person owns or is a contract purchaser of the premises; and provided further that such person shall comply with the standards and rules applicable to heating, ventilation and air conditioning installation or repairs as provided in this chapter.

(b) Farm buildings located outside the incorporated limits of any city; and a farm building is hereby defined to be a zoned property and designated and constructed to house farm implements, hay, grain, poultry, livestock, or other horticultural products and includes sheds, barns, corrals or fences. This definition does not include a place for human habitation or a place of regular employment where agricultural products are extracted, processed, treated or packaged; a place used by the public; or conditioned live stock housing.

(c) Logging, mining or construction camps when heating, ventilation or air conditioning installations are made to conform to the recommendations of the department of health and welfare.

(d) Work on heating, ventilation or air conditioning systems on premises owned or operated by an employer who regularly employs maintenance or construction heating, ventilation and air conditioning journeymen, provided that alterations, extensions and new construction shall comply with the minimum standards and rules applicable to heating, ventilation and air conditioning practices in accordance with the provisions of this chapter.

(e) Modular buildings, as defined in *section 39-4301, Idaho Code*, that are constructed in the state of Idaho for installation on building sites outside the state; provided

however, that no modular building shall be installed on a building site in the state of Idaho until it has been approved and bears the insignia of approval of the division as being in compliance with the requirements set forth in *section 39-4304, Idaho Code*.

(2) Apprentice registration requirements shall not apply to high school students enrolled in an educational program recognized by the board in which the performance of HVAC installation is a formal component of the program. The exemption is limited to students performing residential installations as part of such program under the constant on-the-job supervision of a licensed journeyman, and a permit for the work is obtained from the authority having jurisdiction. Work hours performed by such students shall not apply toward apprentice work requirements.

§ 54-5003. Definitions

As used in this chapter:

(1) "Heating, ventilation and air conditioning (HVAC)" means and includes the business, trade, practice or work, materials and fixtures used in the design, construction, installation, improvement, extension and alteration of all piping, venting, ductwork, appliances and appurtenances in connection with any heating, ventilation or air conditioning system or subsystems of such.

(2) "Heating, ventilation and air conditioning apprentice" means any person who, as his principal occupation, is engaged in learning and assisting in installation, improvement, extension, alteration or repair of HVAC systems. An apprentice shall perform HVAC work under the supervision of an HVAC journeyman or HVAC contractor.

(3) "Heating, ventilation and air conditioning contractor" means any person who fabricates, installs, maintains, services and repairs warm air heating and water heating systems, heat pumps, complete with warm air appliances including, but not limited to, boilers, pool heaters, space heaters, decorative gas and solid-fuel burning appliances, and gas, propane, electric or oil-fired water heaters; ventilating systems complete with blowers and plenum chambers; air conditioning systems complete with air conditioning unit and the ducts, registers, flues, humidity and thermostatic controls of air, liquid or gas temperatures below fifty (50) degrees Fahrenheit or ten (10) degrees Celsius, and air filters in connection with any of these systems.

(4) "Heating, ventilation and air conditioning journeyman" means any person who, as his principal occupation, is engaged in the installation, improvement, extension, alteration or repair of HVAC systems and who is familiar with the provisions of this chapter and who works in the employ and under direction of an HVAC contractor.

(5) "Heating, ventilation and air conditioning specialty apprentice including specialty limited heating apprentice" means any person who, as his principal occupation, is engaged in learning and assisting in a specific aspect of installation, improvement, extension, alteration or repair of HVAC systems that includes, but is not limited to, such aspects as gas piping, gas appliances and installation, or decorative gas-fired appliances. A specialty apprentice shall perform HVAC work under the supervision of an HVAC journeyman, HVAC specialty journeyman, HVAC contractor or an HVAC specialty contractor.

(6) "Heating, ventilation and air conditioning specialty contractor including specialty limited heating contractor" means any person who, as his principal occupation, is engaged in a specific aspect of the heating, ventilation and air conditioning trade that

includes, but is not limited to, such aspects as gas piping, gas appliances and installation, or decorative gas-fired appliances.

(7) "Heating, ventilation and air conditioning specialty journeyman including specialty limited heating journeyman" means any person who, as his principal occupation, is engaged in a specific aspect of installation, improvement, extension, alteration or repairing of HVAC systems that includes, but is not limited to, such aspects as gas piping, gas appliances and installation, or decorative gas-fired appliances. A specialty journeyman is familiar with the provisions of this chapter and works in the employ and under direction of an HVAC contractor or an HVAC specialty contractor.

(8) "Heating, ventilation and air conditioning system" means any heating, ventilation or air conditioning system in a residential, private, public or semipublic building or structure including, but not limited to, any mechanical means of heating or air conditioning and to gas piping, venting, ductwork and controls.

(9) "Local government" means any incorporated city or any county in the state.

(10) "Specialty limited heating" as it applies to the definitions of "heating, ventilation and air conditioning specialty apprentice," "heating, ventilation and air conditioning specialty contractor" and "heating, ventilation and air conditioning specialty journeyman" means any person who installs, maintains, services and repairs LP gas fired appliances, LP fuel gas piping and related exhaust venting. This definition of specialty limited heating shall exclude boilers, hydronic systems, ducted forced air systems, ventilating and air conditioning systems, systems with a BTU input rating over three hundred thousand (300,000), solid fuel and electric fueled systems. A "specialty limited heating journeyman" is required to meet the experience requirement and either the education or examination requirement set forth in this section to receive a certificate of competency. The education of a "specialty limited heating journeyman" shall include one hundred twenty (120) hours of instruction approved by the board of professional-technical education in LP gas specialty education. The experience requirement of a "specialty limited heating journeyman" shall be two (2) years' experience working in the trade, in compliance with the requirements of the state in which the applicant received his supervision or as a registered HVAC apprentice or registered HVAC specialty apprentice making HVAC installation on the job under the supervision of a qualified HVAC journeyman or qualified HVAC specialty journeyman. The examination required in this section shall be developed by the board of professional-technical education and approved by the Idaho heating, ventilation and air conditioning board.

§ 54-5004. Idaho heating, ventilation and air conditioning board

(1) The Idaho heating, ventilation and air conditioning board, referred to as the board, is hereby created and made part of the division of building safety. It shall be the responsibility and duty of the administrator of the division of building safety to administer and enforce the provisions of this chapter, and the board shall make, promulgate and publish such rules as may be necessary to carry out the provisions of this chapter. Except as may be limited or prohibited by law, such rules so made and promulgated shall have the force of statute.

(2) The board shall consist of seven (7) members appointed by the governor, who shall serve at the pleasure of the governor. All board members shall be appointed

for a term of three (3) years. Whenever a vacancy occurs, the governor shall forthwith appoint a qualified person to fill the vacancy for the unexpired portion of the term. All members of the board shall be United States citizens, residents of this state for not less than two (2) years, and qualified by knowledge, integrity and experience to properly perform the functions of the board. All members of the board shall take, subscribe and file with the secretary of state an oath of office in the form, manner and time as prescribed by *chapter 4, title 59, Idaho Code*.

(3) Of the seven (7) board members, two (2) members shall be active HVAC contractors with not less than five (5) years' experience in the HVAC contracting business; one (1) member shall be a city official; one (1) member shall be a county official; one (1) member shall be a private sector mechanical engineer with experience in mechanical system design; one (1) member shall be a representative of the HVAC industry; and one (1) member shall be a member of the general public with an interest in the rights of consumers of HVAC services.

(4) The board shall meet within thirty (30) days after the appointment of all its members and thereafter at such other times as may be expedient and necessary for the proper performance of its duties. At the board's first meeting, and every two (2) years thereafter, the members shall elect one (1) of their number to be chairman and one (1) of their number to be vice-chairman. A majority of the board shall constitute a quorum for the transaction of business and not less than two (2) quorum meetings shall be held each year. The board may delegate to any member, or its chairman or other employees, the power to make investigations and hold hearings at any place it may deem proper, and to report findings to it; and it may delegate to its chairman and employees the performance of ministerial functions.

(5) Each member of the board shall be compensated as provided in *section 59-509(n), Idaho Code*.

§ 54-5005. Powers and duties of the board -- Limitation

The board shall have the general administration and supervision of the design, construction, installation, improvement, extension and alteration of heating, ventilation and air conditioning systems, except that which has been heretofore and hereinafter exempted from the jurisdiction of this board, in connection with all buildings, residences and structures in this state including buildings, residences and structures owned by the state or any political subdivision thereof. The division of building safety shall enforce the minimum standards and requirements therefor as provided by this chapter. The board may exercise such powers and duties as are reasonably necessary to carry out the provisions of this chapter, and it may, among other things:

(1) Establish the fees to be charged for reviewing plans, investigations, permits and inspections of heating, ventilation and air conditioning systems under the jurisdiction of the state, and to establish such other fees as it deems necessary.

(2) Hold public meetings and attend or be represented at such meetings, within or without the state, prepare and publish rules pertaining to this chapter, and such other information as may be necessary, and furnish copies thereof to those engaged in the business, trade, practice or work of heating, ventilation and air conditioning and to the public upon request.

(3) Establish by administrative rule the fines to be paid for citations issued and shall hear appeals regarding the imposition of civil penalties for violations of this chapter and rules of the board. The board is authorized to affirm, reject, decrease or increase the penalty imposed by the administrator. However, in no case shall the penalty exceed one thousand dollars (\$1,000) for each offense.

The powers and duties of the board within the jurisdictional boundaries of local governments that have chosen to adopt and enforce mechanical codes shall be limited to those powers and duties needed to enforce the requirements governing a certificate of competency. Each local government that has chosen to adopt and enforce mechanical codes shall establish fees to be charged for permits and inspections within its jurisdiction.

§ 54-5006. Administrator of the division of building safety

The administrator shall exercise such powers and duties as are reasonably necessary to enforce standards provided in this chapter, and he may, among other things:

(1) Serve as secretary to the Idaho heating, ventilation and air conditioning board.

(2) Appoint state mechanical inspectors who shall be authorized to enter and inspect by and through a properly identified person, at reasonable hours, heating, ventilation and air conditioning systems.

(3) Make HVAC inspections for another state or local jurisdiction upon request by an appropriate building official. Such inspections shall be made in accordance with the applicable HVAC codes of the requesting jurisdiction. Fees charged for such inspection services shall be as provided in the rules promulgated by the board.

(4) Notwithstanding the exception provided in *section 54-5002(5), Idaho Code*, the administrator may make inspections of modular buildings constructed in Idaho upon written request from the manufacturer. Such inspections shall be made in accordance with the codes adopted in this chapter. Inspection fees for such inspections shall be as provided in *section 39-4303, Idaho Code*. The administrator may issue an insignia of approval if the buildings are in compliance with the requirements set forth in *chapter 43, title 39, Idaho Code*.

(5) Summon witnesses to appear and testify before him on any matter within the provisions of this chapter. No person shall be required to testify outside the county wherein he resides or where his principal place of business is located. Such summons to testify shall be issued and served in like manner as a subpoena to witness issued from the district court, or in other manner consistent with procedure of the division of building safety. In case any witness shall fail or refuse to appear and testify upon being summoned as herein provided, the clerk of the district court of the county shall, upon demand by said administrator or his designated agent, issue a subpoena reciting the demand therefor and summoning the witness to appear and testify at a time and place fixed. Violation of such subpoena or disobedience thereto shall be deemed and punished as a violation of any other subpoena issued from the district court.

(6) Administer oaths and take affirmations of witnesses appearing before him or a duly appointed hearing officer; and have the power to appoint competent persons to issue subpoenas, administer oaths and take testimony.

(7) Impose civil penalties as provided in this chapter and rules of the board.

§ 54-5007. Requirements for certificates of competency

The Idaho heating, ventilation and air conditioning board shall provide standards and procedures and prescribe reasonable rules for examination, qualification and certification of heating, ventilation and air conditioning contractors, journeymen, apprentices, specialty contractors, specialty journeymen and specialty apprentices. HVAC contractors and specialty contractors shall provide a bond in the amount of two thousand dollars (\$2,000) or evidence of such coverage by a corporate industry group bond acceptable to the board.

§ 54-5008. Certificate a prerequisite

On and after July 1, 2004, it shall be unlawful for any person or firm, copartnership, association or corporation to engage in the business, trade, practice or work of heating, ventilation and air conditioning in this state unless such person or responsible person representing such firm, copartnership, association or corporation, has successfully passed an examination as provided herein and has been issued a state certificate of competency. Such certificate of competency shall not be transferable.

§ 54-5009. Classification of competency

There shall be four (4) classifications of competency in the business, trade, practice or work of heating, ventilation and air conditioning as follows:

(1) An apprentice shall be any person who, as his principal occupation, is engaged in learning and assisting in the installation, improvement, extension and alteration or repair of HVAC systems. An apprentice shall not perform HVAC work except under the supervision of an HVAC journeyman or HVAC contractor. This classification applies to a specialty apprentice as defined in *section 54-5003, Idaho Code*.

(2) A journeyman shall be any person who, as his principal occupation, is engaged in the installation, improvement, extension and alteration or repair of HVAC systems and who is familiar with the provisions of this chapter and who works in the employ and under direction of an HVAC contractor and has successfully completed all trade required classes as directed by the board. This classification applies to a specialty journeyman as defined in *section 54-5003, Idaho Code*.

(3) A heating, ventilation and air conditioning contractor shall be any business, trade, partnership, company, firm or association engaged in, but not limited to, the business, trade, practice or work of installing, maintaining or repairing heating, ventilation or air conditioning appliances, or gas-fired equipment that requires special venting or gas supply piping systems or subsystems in the state of Idaho.

(4) A heating, ventilation and air conditioning specialty contractor shall be any person who, as his principal occupation, is engaged in a specific aspect of the heating, ventilation and air conditioning trade that includes, but is not limited to, such aspects as gas piping, gas appliances and installation, or decorative gas-fired appliances. A certificate of competency issued for the installation of hearth and barbecue products shall in-

clude the authority for all low voltage work necessary to complete the installations.

§ 54-5010. Examinations -- Notification -- Application

(1) The Idaho heating, ventilation and air conditioning board shall establish by rule the requirements as to education, continuing education and examinations relating to classifications of competency.

(2) Times and places for examinations shall be determined by the board and all applicants shall be notified thereof.

(3) All applications for examination shall be filed with the board on a form provided by the board. When any person is designated and authorized to be or act as an agent for the applicant, such authorization shall be in writing, signed by the applicant and the person designated, a certified copy of which shall be filed with the board. All applications shall expire and be canceled after a period of one (1) year if the applicant fails to appear for examination within such period.

(4) A heating, ventilation and air conditioning apprentice, as defined in section 54-5003(2), Idaho Code, may take the journeyman's examination if the apprentice has completed the required related instruction for a heating, ventilation and air conditioning apprentice, as approved by the board, in conjunction with the state board for career technical education and has worked the required number of hours as prescribed by the Idaho heating, ventilation and air conditioning board.

§ 54-5011. Issuance of Certificate of competency

On and after July 1, 2004, a certificate of competency in the form of a card shall be issued to an applicant upon successful completion of the examination. The card shall include the holder's name, classification for which the applicant was examined, the year for which the card is current, the holder's signature, certificate number, and the signature of the administrator of the division of building safety.

§ 54-5012. Fees for application for examination, certificates of competency and registration of apprentices

(1) Application for examination.

(a) HVAC contractor or specialty contractor \$ 35.00

(b) HVAC journeyman or specialty journeyman \$ 35.00

(2) Certificate of competency, initial issue, valid for one (1) year; or may be issued at the annual rate for up to three (3) years.

(a) HVAC contractor or specialty contractor \$ 75.00

(b) HVAC journeyman or specialty journeyman \$ 50.00

(3) Renewal of certificate of competency, valid for one (1) year; or may be issued at the annual rate for up to three (3) years.

(a) HVAC contractor or specialty contractor \$ 50.00

(b) HVAC journeyman or specialty journeyman \$ 25.00

(4) Each apprentice and specialty apprentice is required to register with the division of building safety and maintain such registration during the entire period in which

work experience is accrued. An apprentice registration shall be valid for one (1) year and shall expire on the last day of the month in which it is set to expire unless renewed. A specialty apprentice registration shall be valid for two (2) years and shall expire on the last day of the month in which it is set to expire unless renewed. The registration fee for an apprentice shall be ten dollars (\$10.00), and the registration fee for a specialty apprentice shall be twenty dollars (\$20.00).

§ 54-5013. Certificate expiration -- Renewal -- Reinstatement

(1) Certificates of competency shall expire twelve (12) calendar months from the date of issue, or on the last day of the month of the certification period, unless renewed as provided in this section, or unless sooner revoked or suspended.

(2) Renewal of a certificate may be requested within sixty (60) days prior to the expiration date. Any certificate which has expired may be revived at any time within one (1) year from the first day of the final month of the certification period, by payment of a thirty-five dollar (\$35.00) revival fee in addition to the full annual renewal fee, and if any, all outstanding civil penalties, permits or other fees and penalties.

(3) Any person whose certificate has been revoked may, after the expiration of one (1) year from the date of such revocation, but not before, apply for a new certificate. Successful application shall require satisfactory proof of payment of any and all outstanding civil penalties, permits or other fees and penalties.

§ 54-5013A. Revocation or suspension of certificate -- Hearings -- Taking testimony -- Judicial review

The administrator shall have the power to revoke or suspend any certificate if the same was obtained through error or fraud, or if the holder thereof is shown to be grossly incompetent, or has willfully violated any of the rules prescribed by the board, or as prescribed in this chapter; or has, after due notice, failed or refused to correct, within the specified time, any HVAC installation not in compliance with the provisions of this chapter, or has failed to pay within the time provided, civil penalties which have become final by operation of law, provided, before any certificate shall be revoked or suspended, the holder thereof shall have written notice enumerating the charges against him, and shall be given a hearing by said administrator, and have an opportunity to produce testimony in his behalf, at a time and place specified in said notice, which time shall not be less than five (5) days after the service thereof. The proceedings shall be governed by the provisions of *chapter 52, title 67, Idaho Code*. Any party aggrieved by the action of the administrator shall be entitled to judicial review thereof in accordance with the provisions of *chapter 52, title 67, Idaho Code*.

§ 54-5014. Certificate to be displayed and carried on the job

(1) All holders of a valid certificate of competency for the classification of contractor or specialty contractor shall display a sign or card for public view in the holder's place of business.

(2) All journeymen, specialty journeymen, apprentices, and specialty apprentices

shall have their certificate of competency or annual registration card available at all times while on the job.

§ 54-5015. Exclusive jurisdiction of the state -- Restriction on requirement for additional licenses or fees -- Clarification of certification, licensing and permitting requirements

(1) Only the administrator of the division of building safety of the state of Idaho is authorized and empowered to conduct examinations and to pass upon the qualifications of applicants, and to grant and issue certificates of competency and registration of apprentices to such applicants as are found to be qualified to engage in the trade, business, work or practice of heating, ventilation and air conditioning.

(2) No local jurisdiction shall have the authority to require additional certification or registration or to require payment of any fees in order for any HVAC contractor, specialty contractor, journeyman, specialty journeyman, apprentice, or specialty apprentice to engage in the heating, ventilation and air conditioning trade within the local jurisdiction or to issue certificates to persons certified or registered under the provisions of this chapter.

(3) Nothing in this chapter shall restrict a city or county from imposing stricter public safety rules, notwithstanding any provision of Idaho Code.

(4) A certificate issued pursuant to *chapter 26, title 54, Idaho Code*, or a license issued pursuant to *chapter 10, title 54, Idaho Code*, shall be acceptable for all HVAC installation work that falls within the scope of the certificate or license that has been issued. This will allow:

(a) Individuals holding a current HVAC or electrical license or a current plumbing certification to install electrical circuitry from the disconnecting means to a water heater and electrical connections to the water heater as long as the disconnect is in sight from the unit and the circuit from the disconnecting means to the water heater is no more than fifty (50) feet long;

(b) Individuals holding a current HVAC or electrical license to install:

(i) Electrical space heaters with no attached ductwork;

(ii) Electrical connections to HVAC equipment from the disconnecting means to the unit as long as the disconnect is in sight from the unit and the circuit from the disconnecting means to the HVAC equipment is no more than fifty (50) feet long; and

(iii) Ventilating fans, except ducted range hoods in residences;

(c) Individuals holding either an HVAC certification or plumbing certification to install:

(i) Boilers that are not otherwise subject to inspection by the industrial commission or its authorized agent;

(ii) Fuel piping;

(iii) Piping for hydronic systems; and

(iv) Piping for steam and hot water boiler systems;

(d) HVAC licensees to install control wiring of twenty-four (24) volts or less for HVAC equipment of five (5) tons or less in capacity.

(5) Notwithstanding any other provision of this section, plumbing certificate hold-

ers are not authorized to install control wiring in HVAC equipment, regardless of voltage.

§ 54-5016. Permits required -- Exception -- Local government fees allowed

(1) On and after January 1, 2005, it shall be unlawful for any person, firm, partnership, company, association or corporation to do or cause to be done, whether acting as principal, agent or employee, any construction, installation, improvement, extension or alteration of any heating, ventilation or air conditioning system, in any building, residence or structure in the state of Idaho, without first obtaining a permit from the authority having jurisdiction, authorizing such work to be done, except that no permit shall be required to perform work related to repair or maintenance of an existing HVAC system.

(2) To the extent that a plumbing or electrical installation permit issued by the Idaho division of building safety includes any part of an HVAC system installation, or an HVAC installation permit issued by the division includes any part of a plumbing or electrical installation, the permit issued and inspection performed shall be sufficient to satisfy the permitting and inspection requirements of the other division entities.

(3) The plumbing, HVAC and electrical boards shall promulgate rules adopting fees that will allow the division of building safety entity issuing a permit to charge, in addition to the permit fee it would originally charge, additional permit fees that relate to the HVAC portion of an installation for which a plumbing or electrical installation permit is being obtained, or the electrical and plumbing portions of an installation for which an HVAC permit is being obtained.

(4) No provision of this chapter shall preclude local governments from collecting fees for permits and inspections where such work is regulated and enforced by city or county code or ordinance. Municipalities may also require fees for permits and inspections in areas designated by local code or ordinance as areas of city impact.

§ 54-5017. Permits -- Application -- Fees

(1) On and after January 1, 2005, any person, firm, partnership, company, association or corporation entitled to receive a permit, shall make application to the board on a form provided by the board. The application shall require a description of the work proposed to be done, the location, ownership and use of the premises.

(2) Until fees are established by rule of the board, the following fees shall be paid:

(a) Residential single and duplex family dwelling, a fifty dollar (\$50.00) base permit fee plus an inspection fee of:

(i) Thirty-five dollars (\$35.00) for the first furnace, furnace-air conditioner combination, heat pump, air conditioner, evaporative cooler, unit heater, space heater, decorative gas-fired appliance, incinerator, boiler, pool heater, and similar fixtures or appliances, plus

(ii) Fifteen dollars (\$15.00) for any additional furnace, furnace-air conditioner combination, heat pump, air conditioner, evaporative cooler, unit heater, space heater, decorative gas-fired appliance, incinerator, boiler, pool heater, and similar fixtures or appliances. Fee includes ducts, vents and flues attached thereto.

(iii) Fifteen dollars (\$15.00) for the first exhaust or ventilation duct such as dryer vents, range hood vents, cook stove vents, bath fan vents, and similar exhaust and ventilation ducts, plus

(iv) Five dollars (\$5.00) for any additional exhaust and ventilation ducts.

(v) Fifteen dollars (\$15.00) for the first fixture or appliance outlet of the fuel gas piping system, plus

(vi) Five dollars (\$5.00) for any additional outlets of the fuel gas piping system.

(b) Multifamily, commercial, institutional, industrial and all other installations, a fifty dollar (\$50.00) base permit fee for each building, plus an inspection fee based on the selling price of the completed installation including equipment, appliances, piping systems, materials, and labor of:

(i) Three percent (3%) of the value of the installation through twenty thousand dollars (\$ 20,000), plus

(ii) Two percent (2%) of the value of installation in excess of twenty thousand dollars (\$ 20,000) through one hundred thousand dollars (\$100,000), plus

(iii) One percent (1%) of the value of the installation in excess of one hundred thousand dollars (\$100,000) through two hundred thousand dollars (\$200,000), plus

(iv) One-half percent (1/2%) of the value of the installation in excess of two hundred thousand dollars (\$200,000).

(c) Plan check and technical service, a fifty dollar (\$50.00) minimum fee plus fifty dollars (\$ 50.00) per hour.

(d) Additional and reinspections, a fifty dollar (\$50.00) minimum fee plus an additional fifty dollars (\$50.00) per hour before approval of the installation if the following services are necessary:

(i) Trips to inspect when the permittee had given notice to the inspector that the work was ready for inspection when it was not, or if the permittee has not clearly given the location of the installation either by directions or maps, or if the inspector cannot gain access to make the inspection;

(ii) Trips to inspect corrections required by the inspector as a result of the permittee improperly responding to a corrective notice;

(iii) Each trip necessary to remove a red tag from the job site;

(iv) When corrections have not been made in the prescribed time, unless an extension has been requested and granted.

(3) Expiration of permits. Every permit issued by the HVAC bureau or authority having jurisdiction, shall expire by limitation and become null and void if the work authorized by such permit is not commenced within ninety (90) days from the date of issuance of such permit or if the work authorized by such permit is suspended or abandoned at any time after work is commenced for a period of one hundred eighty (180) days. A permit may be renewed for an additional year upon receiving approval from the bureau or authority having jurisdiction, and a fifty dollar (\$50.00) renewal fee.

(4) No permit. Failure to acquire, post and send permit and to pay required fees in the prescribed time may result in the assessment of a double fee. Any additional offenses within a twelve (12) month period for failure to acquire, post and send permit and to pay required fees in the prescribed time shall result in the assessment of a triple fee.

§ 54-5018. Inspection by agent

A designated, qualified, properly identified agent of the authority having jurisdiction shall inspect work performed under each permit to ensure compliance with the provisions of this chapter and rules as promulgated by the board, and applicable codes and ordinances as adopted.

§ 54-5019. Approval and certification of inspection

The inspector shall either approve the portion of the work completed at the time of inspection, or shall notify the permit holder of a failure to comply with the provisions of this chapter or rules as promulgated by the board. When final inspection has been made and the work is approved, the inspector shall certify to the permit holder by securely attaching an inspector's tag to the equipment stating completion of the final inspection.

§ 54-5020. Request for inspection -- Fee for reinspection

(1) It shall be the duty of the permit holder to notify the division of building safety at least one (1) day prior to the desired inspection, Sundays and holidays excluded, that the project is ready for inspection. If a reinspection is required after the final inspection due to a failure to meet requirements of this chapter, a fee not to exceed the actual cost of reinspection shall be charged.

(2) Local governments that have adopted mechanical codes shall by ordinance establish times within which permit holders shall notify the authority of the desire for an inspection.

§ 54-5021. Appointment and qualification of inspectors -- No financial interest

(1) The administrator of the division of building safety, or the local government having jurisdiction, as the case may be, shall appoint such number of inspectors as are necessary for the effective enforcement of this chapter.

(2) All state mechanical inspectors shall be knowledgeable in HVAC installations and demonstrate knowledge of the provisions of this chapter and rules of the administrator and the board. All inspectors shall be certified by rule of the HVAC board as a commercial mechanical inspector or a residential mechanical inspector, depending upon the duties assigned.

(3) No inspector shall be permitted to be engaged or financially interested in business, trade, practice or work related to this chapter, or sell any supplies connected to the HVAC business, nor act as an agent, directly or indirectly, for any person, firm, copartnership, association or corporation so engaged in HVAC. The qualifications and requirements as set forth in this section shall apply to inspectors employed by a municipality.

(4) Each local government mechanical inspector shall be certified as a mechanical inspector.

§ 54-5022. Violation -- Misdemeanor -- Penalty

It shall be a misdemeanor for any person, firm, partnership, company, association or corporation by and through a member, representative or agent to:

- (1) Engage in the business, trade, practice or work of HVAC without a certificate of competency or without registration;
- (2) Perform work without a permit as provided in this chapter;
- (3) Violate any provision of this chapter or the rules made by both the administrator of the division of building safety and the Idaho heating, ventilation and air conditioning board;
- (4) Refuse to perform any duty lawfully enjoined upon him by the administrator within the prescribed time; or
- (5) Fail, neglect or refuse to obey any lawful order given or made by the administrator.

Such person, firm, partnership, company, association or corporation shall be subject to the civil penalties established by administrative rule but not to exceed one thousand dollars (\$1,000). Each day of such violation shall constitute a separate offense. A violation shall be considered a second or additional offense only if it occurs within one (1) year of the first violation.

§ 54-5023. Attorney general -- Prosecuting attorneys

It shall be the right and duty of the attorney general or the prosecuting attorneys of the various counties to represent and appear for the people of the state of Idaho and the administrator of the division of building safety in all actions and proceedings involving any question under this chapter or under any order or act of the administrator and perform such other services as required.

§ 54-5024. Idaho heating, ventilation and air conditioning board fund created

All money received by the board or the division of building safety under the terms and provisions of this chapter, shall be paid into the state treasury as directed by the provisions of *section 59-1014, Idaho Code*, and shall be placed, by the state treasurer, to the credit of the Idaho heating, ventilation and air conditioning board fund, which fund is hereby created as a dedicated fund. All such moneys hereafter placed in said fund, are hereby set aside and perpetually appropriated to the division of building safety to carry into effect the provisions of this chapter.

IDAPA 24 – DIVISION OF OCCUPATIONAL AND PROFESSIONAL LICENSES
DIVISION OF BUILDING SAFETY – IDAHO HEATING, VENTILATION, AND AIR
CONDITIONING BOARD

24.39.70 – Rules Governing Heating, Ventilation, and Air Conditioning Systems

Who does this rule apply to?

This rule applies to those who make HVAC installations, including licensed HVAC and specialty HVAC contractors, and the journeyman and apprentice HVAC technicians employed by such. It also applies to homeowners and facility owners who are authorized to make HVAC installations on their property.

What is the purpose of this rule?

The rule prescribes the requirements for licensing of HVAC and HVAC specialty contractors to perform various types of HVAC installations in Idaho. It also sets forth the requirements and process to obtain a permit and inspection from the Division for such HVAC work. The rules adopt the International Residential, Fuel Gas and Mechanical Codes as the standard to which all HVAC work must be installed, and also provides penalties that may be imposed for violations of the HVAC statutes or rules.

What is the legal authority for the agency to promulgate this rule?

This rule implements the following statutes passed by the Idaho Legislature:

Professions, Vocations, and Businesses -

- [Title 54, Chapter 50, Idaho Code](#) – Installation of Heating, Ventilation and Air Conditioning Systems
- [54-5005, Idaho Code](#) – Powers and Duties of the Board

Who do I contact for more information on this rule?

Idaho Division of Building Safety
1090 E. Watertower Street, Suite 150
Meridian, ID 83642
Phone: (208) 334-3950
Fax: (877) 810-2840
Email: customer.service@dbs.idaho.gov
Website: <https://dbs.idaho.gov/>

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**24.39.70 – RULES GOVERNING INSTALLATION OF HEATING, VENTILATION,
AND AIR CONDITIONING SYSTEMS**

000. LEGAL AUTHORITY.

This chapter is adopted in accordance with Sections 54-5001 and 54-5005(2), Idaho Code. (3-20-20)T

001. TITLE AND SCOPE.

01. Title. These rules are titled IDAPA 24.39.70, “Rules Governing Installation of Heating, Ventilation, and Air Conditioning Systems” (HVAC Rules). (3-20-20)T

02. Scope. These rules establish the minimum standards for heating, ventilation, and air conditioning (HVAC) installation practice, certification, registration, and educational programs. (3-20-20)T

002. (RESERVED)

003. ADMINISTRATIVE APPEALS.

Title 67, Chapter 52, Idaho Code, and IDAPA 04.11.01, “Idaho Rules of Administrative Procedure of the Attorney General,” govern administrative appeals and judicial review thereof. (3-20-20)T

004. ADOPTION AND INCORPORATION BY REFERENCE OF THE INTERNATIONAL MECHANICAL CODE, 2018 EDITION; THE INTERNATIONAL FUEL GAS CODE, 2018 EDITION; AND PART V (MECHANICAL) AND PART VI (FUEL GAS) OF THE INTERNATIONAL RESIDENTIAL CODE FOR ONE (1)- AND TWO (2)-FAMILY DWELLINGS, 2018 EDITION.

The 2018 editions of the International Residential Code for One (1)- and Two (2)-Family Dwellings, International Mechanical Code, and International Fuel Gas Code are available at the Division’s offices located at 1090 E. Watertower St., Suite, 150 Meridian, Idaho 83642; 1250 Ironwood Dr., Ste. 220, Coeur d’Alene, Idaho 83814; and 2055 Garrett Way, Building 1, Suite 4, Pocatello, Idaho 83201. (3-20-20)T

01. International Mechanical Code. The 2018 Edition, including appendix “A,” (herein IMC) is adopted and incorporated by reference with the following amendments: (3-20-20)T

a. Where differences occur between the IMC and Title 54, Chapter 50, Idaho Code and IDAPA 07, Title 07, the provisions in Idaho Code and IDAPA rules apply. (3-20-20)T

b. All references to the International Plumbing Code (IPC) are construed as referring to the Idaho State Plumbing Code (ISPC) as adopted and amended by the Idaho State Plumbing Board. (3-20-20)T

c. All references to the International Code Council Electrical Code (ICC EC) are construed as referring to the National Electrical Code (NEC) as adopted and amended by the Idaho State Electrical Board. (3-20-20)T

d. Section 109. Delete. (3-20-20)T

e. Section 202 Definitions. Delete the definitions provided in the code for the terms identified herein this paragraph and replace with the following: (3-20-20)T

i. Light-Duty Cooking Appliance. Light-duty cooking appliances include gas and electric ovens (including standard, bake, roasting, revolving, retherm, convection, combination convection/steamer, countertop conveyerized baking/finishing, deck, pastry, and electric and gas conveyor pizza ovens), electric and gas steam jacketed kettles, electric and gas pasta cookers, electric and gas compartment steamers (both pressure and atmospheric) and electric and gas cheesemelters. (3-20-20)T

ii. Medium-Duty Cooking Appliance. Medium-duty cooking appliances include electric discrete element ranges (with or without oven), electric and gas hot-top ranges, electric and gas griddles, electric and gas double sided griddles, electric and gas fryers (including open deep fat fryers, donut fryers, kettle fryers and pressure fryers), electric and gas tilting skillets (braising pans) and electric and gas rotisseries. (3-20-20)T

f. Section 401.1 Scope. Add the following: Exception: The principles specified in ASHREA 62-2010 may be used as an alternative to this chapter to demonstrate compliance with required ventilation air for occupants. (3-20-20)T

g. Section 504.8.1 Material and size. Add the following exception: Dryer duct may be constructed of

0.013 (30 gauge) or equivalent if prefabricated 0.016 (28 gauge) ducts and fittings are not available. (3-20-20)T

h. Table 603.4 Duct Construction Minimum Sheet Metal Thickness for Single Dwelling Units. Add the following exception to the Table: Round duct, enclosed rectangular ducts and fittings less than fourteen (14) inches may be constructed of 0.013 (30 gauge) or equivalent if prefabricated 0.016 (28 gauge) ducts and fittings are not available. (3-20-20)T

02. International Fuel Gas Code. The 2018 Edition, including appendixes “A, B, C, and D,” (herein IFGC) is adopted and incorporated by reference with the following amendments: (3-20-20)T

a. Where differences occur between the IFGC and Title 54, Chapter 50, Idaho Code and IDAPA 07, Title 07, the provisions in Idaho Code and IDAPA rules apply. (3-20-20)T

b. All references to the International Plumbing Code (IPC) are construed as referring to the Idaho State Plumbing Code (ISPC) as adopted and amended by the Idaho State Plumbing Board. (3-20-20)T

c. All references to the International Code Council Electrical Code (ICC EC) are construed as referring to the National Electrical Code (NEC) as adopted and amended by the Idaho State Electrical Board. (3-20-20)T

d. Section 109. Delete. (3-20-20)T

e. Section 406.4. Change the last sentence to: Mechanical gauges used to measure test pressure must have a range such that the highest end of the scale is not greater than two (2) times the test pressure nor lower than one and one-half (1.5) times the test pressure. (3-20-20)T

f. Section 406.4.1. Test Pressure. Not less than twenty (20) psig (140kPa gauge) test pressure is required for systems with a maximum working pressure up to ten (10) inches water column. For systems with a maximum working pressure between ten (10) inches water column and ten (10) psig (70kPa gauge); not less than sixty (60) psig (420kPa gauge) test pressure is required. For systems over ten (10) psig (70kPa gauge) working pressure, minimum test pressure may be no less than six (6) times working pressure. (3-20-20)T

g. Section 406.4.2. The test duration may not be less than twenty (20) minutes. (3-20-20)T

h. Add a new section 503.4.1.2 as follows: Testing. All plastic pipe within a dwelling used for venting flue gases must be tested at five (5) psi for fifteen (15) minutes. (3-20-20)T

i. Section 505.1.1. Addition. An interlock between the cooking appliance and the exhaust hood system is not be required for appliances that are of the manually operated type and are factory equipped with standing pilot burner ignition systems. (3-20-20)T

03. Part V (Mechanical) and Part VI (Fuel Gas) of the International Residential Code for One (1)- and Two (2)-Family Dwellings. The 2018 Edition, including appendixes “A, B, C, and D,” (herein IRC) is adopted and incorporated by reference with the following amendments: (3-20-20)T

a. Where differences occur between the IRC and Title 54, Chapter 50, Idaho Code, and IDAPA 07, Title 07, Chapter 01, the provisions in Idaho Code and IDAPA rules apply. (3-20-20)T

b. All references to the International Plumbing Code (IPC) are construed as referring to the Idaho State Plumbing Code (ISPC) as adopted and amended by the Idaho State Plumbing Board. (3-20-20)T

c. All references to the International Code Council Electrical Code (ICC EC) are construed as referring to the National Electrical Code (NEC) as adopted and amended by the Idaho State Electrical Board. (3-20-20)T

d. Add the following as section M1201.3 and section G2402.4 (201.4): Alternative materials, design and methods of construction equipment. The provisions of this part of the code are not intended to prevent the

installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been approved. An alternative material, design or method of construction must be approved where the authority having jurisdiction finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, at least the equivalent of that prescribed in this code. Compliance with the specific performance-based provisions of this part of the code in lieu of specific requirements of this code will also be permitted as an alternate.

(3-20-20)T

e. Add the following as section M1201.3.1 and section G2402.4.1 (201.4.1): Tests. Whenever there is insufficient evidence of compliance with the provisions of this part of the code, or evidence that a material or method does not conform to the requirements of this part of the code, or in order to substantiate claims for alternative materials or methods, the authority having jurisdiction has the authority to require tests as evidence of compliance to be made at no expense to the jurisdiction. Test methods are as specified in this code or by other recognized test standards. In the absence of recognized and accepted test methods, the authority having jurisdiction approves the testing procedures. Tests must be performed by an approved agency. Reports of such tests must be retained by the authority having jurisdiction for the period required for retention of public records.

(3-20-20)T

f. Add the following as section M1203.1: Carbon monoxide alarms. For new construction, an approved carbon monoxide alarm must be installed outside of each separate sleeping area in the immediate vicinity of the bedrooms in dwelling units within which fuel-fired appliances are installed and in dwelling units that have attached garages.

(3-20-20)T

g. Add the following as section M1203.2: Where required in existing dwellings. Where work requiring a permit occurs in existing dwellings that have attached garages or in existing dwellings within which fuel-fired appliances exist, carbon monoxide alarms must be provided in accordance with Subsection 004.03.f. of these rules.

(3-20-20)T

h. Add the following as section M1203.3: Alarm requirements. Single station carbon monoxide alarms must be listed as complying with UL 2034 and must be installed in accordance with this code and the manufacturer's installation instructions.

(3-20-20)T

i. Section M1502.4.1 Material and size. Add the following exception: Dryer duct may be constructed of 0.013 (30 gauge) or equivalent if prefabricated 0.016 (28 gauge) ducts and fittings are not available.

(3-20-20)T

j. Delete Section M1502.4.2 Duct Installation and replace with the following: Exhaust ducts must be supported at four (4) foot (1,219 mm) intervals and secured in place. The insert end of the duct must extend into the adjoining duct or fitting in the direction of airflow. Ducts must not be joined with screws or similar fasteners that protrude into the inside of the duct.

(3-20-20)T

k. Table M1601.1.1 (2) Gauges of Metal Ducts and Plenums Used for Heating or Cooling. Add the following exception: Round duct, enclosed rectangular ducts and fittings less than fourteen (14) inches may be constructed of 0.013 (30 gauge) or equivalent if prefabricated 0.016 (28 gauge) ducts and fittings are not available.

(3-20-20)T

l. Section G2417.4 (406.4). Change the last sentence to: Mechanical gauges used to measure test pressure must have a range such that the highest end of the scale is not greater than two (2) times the test pressure nor lower than one and one-half (1.5) times the test pressure.

(3-20-20)T

m. Section G2417.4.1 (406.4.1). Test Pressure. Not less than twenty (20) psig (one hundred forty (140) kPa gauge) test pressure is required for systems with a maximum working pressure up to ten (10) inches water column. For systems with a maximum working pressure between ten (10) inches water column and ten (10) psig (seventy (70) kPa gauge), not less than sixty (60) psig (four hundred twenty (420) kPa gauge) test pressure is required. For systems over ten (10) psig (seventy (70) kPa gauge) working pressure, minimum test pressure may be no less than six (6) times working pressure.

(3-20-20)T

n. Section G2417.4.2 (406.4.2). The test duration may not be less than twenty (20) minutes.

(3-20-20)T

o. Add a new section G2427.4.1.2 as follows: Testing. All plastic pipe within a dwelling used for venting flue gases must be tested at five (5) psi for fifteen (15) minutes. (3-20-20)T

005. OFFICE – OFFICE HOURS – MAILING ADDRESS AND STREET ADDRESS.

The principal place of business of the Division’s HVAC Program is located at 1090 E. Watertower Street, Suite 150, Meridian, Idaho. The office is open from 8 a.m. to 5 p.m., except Saturday, Sunday, and legal holidays. The mailing address is: Division of Building Safety, HVAC Program, 1090 E. Watertower Street, Suite 150, Meridian, Idaho 83642. The office telephone number is (208) 334-6180 and the facsimile number is (208) 855-0768. (3-20-20)T

006. FILING OF DOCUMENTS.

All written communications and documents that are intended to be part of an official record for decision in a rulemaking or contested case, must be filed with the administrator of the Division. Communications and documents must be filed by mail, hand-delivery, or by facsimile transmission. One (1) original must be filed with the administrator, and one (1) copy must be submitted to the opposing parties. Whenever documents are filed by facsimile transmission, originals must be deposited in the mail the same day or hand-delivered the following business day to the administrator and opposing parties. (3-20-20)T

007. PUBLIC RECORDS ACT COMPLIANCE.

These rules were promulgated in accordance with the Administrative Procedure Act, Title 67, Chapter 52, Idaho Code. These rules and all records of the Board are subject to the provisions of the Idaho Public Records Act, Title 74, Chapter 1, Idaho Code. (3-20-20)T

008. -- 009. (RESERVED)

010. CHANGES IN NAME AND ADDRESS -- ADDRESS FOR NOTIFICATION PURPOSES.

01. Change of Name. Whenever a change of name occurs for a certified contractor, journeyman, specialty journeyman, specialty contractor, registered apprentice, or specialty apprentice, the Board must be notified immediately, in writing, of the change. Documentation confirming the change of name must be provided to the Board on request. (3-20-20)T

02. Change of Address. Whenever a change of mailing address occurs for a certificated contractor, journeyman, specialty journeyman, specialty contractor, registered apprentice, or specialty apprentice, the Board must be notified immediately, in writing, of the change. (3-20-20)T

03. Address for Notification Purposes. The most recent mailing address on record with the Board will be utilized for purposes of all written communication with certified contractors, journeymen, specialty journeymen, specialty contractors, registered apprentices, and specialty apprentices, including, but not limited to, notification of renewal and notices related to inspections. (3-20-20)T

011. MEETINGS.

Board meetings are subject to the provisions of the Idaho Open Meeting Law, Title 67, Chapter 23, Idaho Code. (3-20-20)T

012. DEFINITIONS.

01. Additional Definitions. Terms defined in Section 54-5003, Idaho Code, will have the same meaning when utilized in these rules. (3-20-20)T

02. Administrator. The administrator of the Idaho Division of Building Safety. (3-20-20)T

03. Board. The Idaho Heating, Ventilation, and Air Conditioning (HVAC) Board. (3-20-20)T

04. Division. The Idaho Division of Building Safety. (3-20-20)T

05. Recognized Jurisdiction. A jurisdiction with an HVAC program that is recognized by the Board as

being substantially equivalent to Idaho’s HVAC program. (3-20-20)T

013. CERTIFICATES OF COMPETENCY -- ISSUANCE, RENEWAL, EXPIRATION -- REVIVAL.

01. Issuance. Certificates of competency will be issued in such a manner as to create a renewal date that coincides with the birth month of the individual to whom the certificate is issued and allows for renewals every three (3) years. Certificates of competency are issued for a period of no less than one (1) year and no more than (3) three years. The fee for issuance of certificates of competency will be prorated based on the number of months for which the certificate is issued. (3-20-20)T

02. Renewal. Certificates of competency will be renewed using the birth month of the individual to whom the certificate is issued as the expiration date. Certificates of competency are renewed for a period of no less than one (1) year and no more than three (3) years. The fee for renewal of certificates of competency will be prorated based on the number of months for which the certificate is issued. (3-20-20)T

03. Expiration-Revival. (3-20-20)T

a. Certificates that are not timely renewed will expire on the last day of the month in which the renewal is due. (3-20-20)T

b. Revived certificates will be issued in such a manner as to create a renewal date that coincides with the birth month of the applicant so as to create a staggered system of renewal. (3-20-20)T

014. -- 019. (RESERVED)

020. HVAC CONTRACTOR AND HVAC JOURNEYMAN APPLICATIONS FOR EXAMINATION AND CERTIFICATES OF COMPETENCY, AND REGISTRATION OF APPRENTICES.

01. Application Forms. All applications for certificates and all applications for registration must be submitted on forms provided by the administrator and be properly completed, giving all pertinent information with notarized signatures. (3-20-20)T

02. Application, Renewal, and Registration Fees. Fees for applications for examination, certificates of competency, renewal of certificates, and fees for apprentice registration are as set forth in Section 54-5012, Idaho Code. (3-20-20)T

03. Application Submission. All applications must be submitted to the board and be approved by an administrator before any examination may be taken and before any certificate of competency is issued. (3-20-20)T

021. HVAC CONTRACTOR CERTIFICATE OF COMPETENCY - REQUIREMENTS.

01. Bond. Applicants must provide a compliance bond in the amount of two thousand dollars (\$2,000). Any such bond is required to be effective for the duration of the contractor licensing period. (3-20-20)T

02. Qualification. Applicants must provide proof, satisfactory to the Board, of having legally acted as an HVAC journeyman for a period of not less than twenty-four (24) months. (3-20-20)T

03. Examination. Applicants for certification as HVAC contractors must successfully complete the examination designated by the Board. (3-20-20)T

04. Out-of-State Contractor Applications. (3-20-20)T

a. An out-of-state applicant for a contractor certificate of competency shall first obtain an Idaho journeyman certificate of competency in accordance with Section 023 of these rules. The applicant shall pay all applicable application and examination fees to the Division and successfully complete the contractor examination administered by the Division. The applicant shall file the compliance bond required by Section 54-5007, Idaho Code, with the Division upon successful completion of the examination. Applications that are incomplete in any detail will

be returned as unacceptable or denied. (3-20-20)T

b. An applicant for a contractor certificate of competency who has previously been licensed as an HVAC journeyman in a Recognized Jurisdiction shall provide to the Division satisfactory proof of two (2) years of work experience as an HVAC journeyman in such jurisdiction. (3-20-20)T

c. An applicant for a contractor certificate of competency who has never been previously licensed as a journeyman in a Recognized Jurisdiction shall provide proof of four (4) years of experience performing HVAC work of a nature equivalent to that which an HVAC journeyman in Idaho must demonstrate to qualify for a contractor certificate of competency. Proof of such work experience may be provided by the submission of three (3) sworn affidavits from individuals attesting that the applicant has had at least four (4) years' experience performing such work. (3-20-20)T

022. HVAC SPECIALTY CONTRACTOR CERTIFICATE OF COMPETENCY - REQUIREMENTS.

Applicants for certification as HVAC specialty contractors must: (3-20-20)T

01. Bond. Provide a compliance bond in the amount of two thousand dollars (\$2,000). Any such bond is required to be effective for the duration of the contractor licensing period. (3-20-20)T

02. Qualification. Provide proof, satisfactory to the board, of having legally acted as an HVAC specialty journeyman for a period of not less than twenty four (24) months. (3-20-20)T

03. Examination. Successfully complete the examination designated by the board. (3-20-20)T

023. HVAC JOURNEYMAN CERTIFICATES OF COMPETENCY AND EXAMINATION REQUIREMENTS.

01. Certificate of Competency Requirements. To obtain a journeyman certificate of competency, an applicant shall submit to the Division sufficient evidence demonstrating the applicant has successfully completed the journeyman examination and four (4) years, defined as a minimum of eight thousand (8,000) hours of work experience as a registered apprentice making installations on the job under the supervision of a qualified journeyman. Notwithstanding the requirement that an apprentice demonstrate four (4) years of on-the-job work experience under the supervision of a qualified journeyman, any apprentice who successfully completes a Board-approved, full-time, one (1)-academic-year training course may receive credit for up to one (1) year of on-the-job work experience. (3-20-20)T

02. Examination Requirement. To take the journeyman examination, an applicant must submit to the Division sufficient evidence demonstrating the applicant has successfully completed a Board-approved training course. (3-20-20)T

03. Out of State Journeyman Applications. (3-20-20)T

a. An out-of-state applicant for a journeyman certificate of competency shall pay all applicable application and examination fees to the Division, and successfully complete the journeyman examination administered by the Division. (3-20-20)T

b. Exhibition of a license issued by another Recognized Jurisdiction may be accepted as proof of meeting the experience and schooling requirements listed in Subsections 023.01 and 023.02 of these rules. An applicant for a journeyman certificate of competency who has previously been licensed as a journeyman in a Recognized Jurisdiction must provide satisfactory proof of licensure in such jurisdiction. (3-20-20)T

c. An applicant for a journeyman certificate of competency who has never been previously licensed as a journeyman in a Recognized Jurisdiction must provide one (1) of the following: (3-20-20)T

i. Proof of four (4) years, defined as eight thousand (8,000) hours, of HVAC work experience of a nature equivalent to that which an HVAC apprentice must perform in Idaho and four (4) years of training equivalent to that which an HVAC apprentice must complete in Idaho. (3-20-20)T

ii. Proof of eight (8) years, defined as a minimum of sixteen thousand (16,000) hours, of HVAC work experience of a nature at least equivalent to that which an HVAC apprentice must perform in Idaho. (3-20-20)T

024. HVAC HEARTH SPECIALTY JOURNEYMAN CERTIFICATES OF COMPETENCY LIMITATIONS: REQUIREMENTS.

Certification as a hearth specialty journeyman entitles the holder to install hearth appliances and the associated gas lines. Hearth Specialty Journeymen are required to meet the experience requirement and either the education or examination requirement to receive a certificate of competency. (3-20-20)T

01. Experience. Demonstrate, to the satisfaction of the board, a minimum of one (1) year experience working in the trade, in compliance with the requirements of the state in which the applicant received his supervision, or as a registered HVAC apprentice or registered HVAC specialty apprentice making HVAC installations on the job under the supervision of a qualified HVAC journeyman or qualified HVAC specialty journeyman. (3-20-20)T

02. Education. Successfully complete a board approved training course(s), such as the National Fireplace Institute program and a minimum of sixty (60) hours of education in fuel gas code and piping installation methods. (3-20-20)T

03. Examination. Successfully complete an examination designated by the board. (3-20-20)T

025. HVAC APPRENTICE REQUIREMENTS FOR REGISTRATION.

01. Registration. To become an apprentice, a person shall comply with Section 54-5012, Idaho Code, and be a minimum of eighteen (18) years of age or sixteen (16) years of age if registered by the Bureau of Apprenticeship and Training of the United States Department of Labor. To renew a registration, an apprentice shall show proof of enrollment in a Board-approved training course or completion of eight (8) hours of Board-approved continuing education for each year of the prior registration period. (3-20-20)T

02. Supervision. Each apprentice must work under the supervision of a certified journeyman. (3-20-20)T

026. HVAC SPECIALTY APPRENTICE REQUIREMENTS FOR REGISTRATION.
Requirements for HVAC Specialty Apprentice. (3-20-20)T

01. Age. Minimum of eighteen (18) years of age unless registered in a Bureau of Apprenticeship Training (BAT) certified HVAC training program. (3-20-20)T

02. Training. Maintain enrollment in or successfully complete a training program approved by the board. (3-20-20)T

03. Supervision. Work under the supervision of a certificated HVAC journeyman or certificated HVAC specialty journeyman. (3-20-20)T

027. HVAC WASTE OIL HEATING SPECIALTY JOURNEYMAN CERTIFICATES OF COMPETENCY LIMITATIONS: REQUIREMENTS.

Certification as a waste oil heating specialty journeyman entitles the holder to install non-duct connected waste oil heaters. Waste oil heating specialty journeymen are limited to the maintenance, installation, and repair of the equipment, controls, and piping directly associated with the waste oil heater, tank, and burner only. Any plumbing, electrical, ducting, venting, or associated equipment beyond the waste oil heater, tank, and burner must be installed by others. Applicants for the waste oil heating specialty journeyman certificate of competency must: (3-20-20)T

01. Experience. Demonstrate to the satisfaction of the board, a minimum of one (1) year experience making waste oil heating installations under the supervision of a qualified HVAC journeyman or HVAC Waste Oil Heating specialty journeyman. (3-20-20)T

02. Examination. Successfully complete a waste oil burner manufacturers certification or examination

as approved by the board.

(3-20-20)T

028. HVAC FUEL GAS PIPING SPECIALTY JOURNEYMAN CERTIFICATES OF COMPETENCY LIMITATIONS: REQUIREMENTS.

Certification as fuel gas piping specialty journeyman entitles the holder to install fuel gas piping only and does not make the final termination. Appliances and the associated gas piping, chimney, and vents must be installed by others. Fuel gas specialty journeymen are required to meet the experience requirement and either the education or examination requirement to receive a certificate of competency. (3-20-20)T

01. Experience. Demonstrate, to the satisfaction of the board, a minimum of one (1) year experience working in the trade, in compliance with the requirements of the state in which the applicant received his supervision, or as a registered HVAC apprentice or registered HVAC specialty apprentice making HVAC installations on the job under the supervision of a qualified HVAC journeyman or qualified HVAC specialty journeyman. (3-20-20)T

02. Education. Successfully complete a board approved training course(s), of a minimum of sixty (60) hours of education in fuel gas code and piping installation methods. (3-20-20)T

03. Examination. Successfully complete an examination designated by the board. (3-20-20)T

029. -- 049. (RESERVED)

050. HVAC PERMITS.

01. Serial Number. Each permit must bear a serial number. (3-20-20)T

02. HVAC Contractors and HVAC Specialty Contractors. The Division will furnish permits to certified HVAC contractors and HVAC specialty contractors upon request. The serial numbers of such permits must be registered in the name of the HVAC contractor or HVAC specialty contractor to whom they are issued. (3-20-20)T

03. Home Owners. Home owners or a contract purchaser of residential property, making HVAC installations on their own residences, coming under the provisions of Section 54-5002, Idaho Code, must secure an HVAC permit by making application to the Division as provided in Section 54-5016, Idaho Code. (3-20-20)T

04. HVAC Contractors and HVAC Specialty Contractors. HVAC contractors and HVAC specialty contractors must secure an HVAC permit by making application to the Division as provided in Section 54-5016, Idaho Code. (3-20-20)T

05. Transferring a Permit. A HVAC permit may be transferred to another eligible party if such party provides to the Division written authorization signed and notarized by the original permit holder consenting to the transfer itself as well as assignment of all the responsibilities and conditions incorporated into the original permit issuance. A permit may be transferred to the owner of the property on which the HVAC work is to be performed and for which the permit was issued for such owners' designated legal agent, in cases where the property owner has terminated their legal relationship with the HVAC contractor who originally obtained the permit. An administrative fee in the amount of forty-five dollars (\$45) for the transfer of a permit will be assessed by the Division. (3-20-20)T

06. Refunds of Permits. The Administrator may authorize a refund for any permit fee paid on the following bases: The Administrator may authorize a refund of the entire permit fee paid when no work has been performed related to the installations or HVAC work covered by a permit issued by the Division. A lesser amount up to fifty percent (50%) of the permit fee amount may be refunded if work has commenced and the project is less than fifty percent (50%) complete as determined by the Division. The Administrator will not authorize a refund of any permit fee paid except upon written application for such filed by the original permit holder or the property owner's representative not less than one hundred eighty (180) days after the date the permit was issued. (3-20-20)T

051. HVAC PERMIT FEE SCHEDULE.

Permit fees are to cover the cost of inspections as provided by Section 54-5017, Idaho Code. Any person, partnership, company, firm, association, or corporation making an installation must pay to the Division a permit fee as provided in the following schedule: (3-20-20)T

01. Residential. Includes all buildings with HVAC systems being installed on each property. The following permit fees apply to all residential installations:

Type	Fee
Base permit	\$100
Furnace, furnace-air conditioner combination, heat pump, air conditioner, evaporative cooler, unit heater, space heater, decorative gas-fired appliance, incinerator, boiler, pool heater, mini-split system, free-standing solid-fuel stove, factory-built gas fireplace, or similar fixture or appliance, including ducts, vents, and flues attached thereto	Plus \$30 per first fixture or appliance Plus \$15 per additional fixture or appliance
Exhaust duct or ventilation duct, including dryer vents, range hood vents, cook stove vents, bath fan vents, and similar exhaust ducts or ventilation ducts	Plus \$15 per first duct Plus \$5 per additional duct
Fuel gas piping system	Plus \$5 per appliance outlet
Hydronic systems	Plus \$5 per zone

(3-20-20)T

02. Miscellaneous. The following permit fees apply for the types of permits listed:

Type	Fee
Requested inspection	\$65 per hour or portion thereof plus costs of out-of-state travel
Mobile or manufactured home	\$65 per inspection
Modular building	
Plan check or technical service	\$65 per hour or portion thereof

(3-20-20)T

03. Other Installations Including Industrial and Commercial. The permit fees listed in this Subsection apply to installations not specifically mentioned elsewhere in this schedule. The HVAC system cost is the cost to the owner of labor charges and other costs incurred to complete the installation of equipment and materials installed as part of the HVAC system. All permit fees calculated under this Subsection are based on the total HVAC system cost, which must be listed on the permit.

HVAC System Cost	Fee
Up to \$10,000	\$60 plus 2% of HVAC system cost
\$10,000 to \$100,000	\$260 plus 1% of HVAC system cost exceeding \$10,000
Over \$100,000	\$1,160 plus 5% of HVAC system cost exceeding \$100,000

(3-20-20)T

04. Additional Fees. A fee of sixty-five dollars (\$65) per hour or portion thereof applies to trips to inspect: (3-20-20)T

a. When the permit holder has given notice to the Division that the work is ready for inspection and it is not; (3-20-20)T

b. If the permit holder has not accurately identified the work location; (3-20-20)T

- c. If the inspector cannot gain access to make the inspection; (3-20-20)T
 - d. Corrections required by the inspector as a result of the permit holder improperly responding to a corrective notice; or (3-20-20)T
 - e. When corrections have not been made in the prescribed time, unless an extension has been requested and granted. (3-20-20)T
- 05. No Permit.** Failure to purchase a permit before commencing work may result in the assessment of a double fee. (3-20-20)T

052. -- 059. (RESERVED)

060. REQUIRED INSPECTIONS.

- 01. Request for Division Inspection.** (3-20-20)T
- a. Inspection. Each permit holder must notify the Division at least one (1) day prior to the desired inspection, Sundays and holidays excluded, that the project is ready for inspection. (3-20-20)T
 - b. Reinspection. If a reinspection is required after the final inspection, due to a failure to meet requirements of Title 54, Chapter 50, Idaho Code, and/or these rules, the permit holder will be charged a fee not to exceed the actual cost of each reinspection. (3-20-20)T
- 02. Inspection Tags.** Inspectors certify to the permit holder that an inspection has been done by securely attaching the inspection tag in a prominent location. (3-20-20)T
- a. Final Inspection Tags. An inspection tag indicating that a final inspection has been performed is attached when the HVAC installation as specified on the permit is complete and conforms to the requirements of the code and rules. (3-20-20)T
 - b. Inspection Tags for Unacceptable HVAC Installations. “Notice of Correction” inspection tags are attached to indicate that the HVAC installation is not acceptable and that corrections are required. (3-20-20)T
 - c. Work-in-Progress Tag. An inspection tag indicating that a work-in-progress inspection has been performed is attached following inspection of ground work, rough-in work, or any portion of the installation that is to be covered or otherwise concealed before completion of the entire HVAC installation as specified on the permit. (3-20-20)T

061. INSPECTOR QUALIFICATIONS.

In accordance with Section 54-5021, Idaho Code, all mechanical inspectors in Idaho employed by the state or a local government must hold an inspector certification as a commercial or residential mechanical inspector, as appropriate depending on the type of mechanical work being inspected. Mechanical inspectors must obtain the requisite certification from either the International Association of Plumbing and Mechanical Officials (IAPMO), the International Code Council (ICC), or other professional certifying body as approved by the board. (3-20-20)T

062. -- 069. (RESERVED)

070. CIVIL PENALTIES.

Except for the acts described in Subsections 070.01 and 07.08 of these rules, the acts described in this section subject the violator to a civil penalty of not more than two hundred dollars (\$200) for the first offense and not more than one thousand dollars (\$1,000) for each offense that occurs thereafter within one (1) year of an earlier violation. (3-20-20)T

- 01. Heating, Ventilation, and Air Conditioning Contractor or Specialty Contractor.** Except as provided by Section 54-5001, Idaho Code, any person who acts, or purports to act, as an HVAC contractor or

specialty contractor as defined by Section 54-5003(3) and 54-5003(6), Idaho Code, without a valid Idaho state HVAC contractor or specialty contractor certification is subject to a civil penalty of not more than five hundred dollars (\$500) for the first offense and not more than one thousand dollars (\$1,000) for each offense that occurs thereafter within one (1) year of an earlier violation. (3-20-20)T

02. Knowingly Employing. Knowingly employing a person who does not hold a valid Idaho HVAC certification or apprentice registration, as required by Section 54-5008, Idaho Code, to perform HVAC installations. (3-20-20)T

03. Certification or Registration. Except as provided by Section 54-5001, Idaho Code, performing HVAC work as an HVAC journeyman as defined by Section 54-5003(4), Idaho Code; specialty journeyman as defined by Section 54-5003(7), Idaho Code; apprentice as defined by Section 54-5003(2), Idaho Code; or specialty apprentice as defined by Section 54-5003(5), Idaho Code, without a valid certification or registration. (3-20-20)T

04. Supervision. Working as an HVAC apprentice or specialty apprentice without the required journeyman supervision or employing an apprentice without providing the required journeyman supervision. (3-20-20)T

05. Performance Outside Scope of Specialty License. Performance of any HVAC installation, alteration, or maintenance by an HVAC specialty contractor or specialty journeyman outside the scope of the specialty certification. (3-20-20)T

06. Fees and Permits. Failing to pay applicable fees or properly post an HVAC permit for, or to request an inspection of, any installation, alteration, improvement, or extension of any piping, venting, ductwork, appliances and appurtenances in connection with any HVAC system or subsystems of such. (3-20-20)T

07. Corrections. Failure to make corrections in the time allotted in the notice on any HVAC installation as set forth in Section 54-5019, Idaho Code. (3-20-20)T

08. Gross Violation. In the case of continued, repeated, or gross violation of Title 54, Chapter 50, Idaho Code, or these rules, a certification revocation will be initiated for certificated individuals under this chapter and non-certificated individuals is subject to prosecution by the appropriate jurisdiction under Idaho law. (3-20-20)T

071. -- 999. (RESERVED)

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