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**IDAPA 07  
TITLE 07  
CHAPTER 01**

**07.07.01 – RULES GOVERNING INSTALLATION OF HEATING, VENTILATION,  
AND AIR CONDITIONING SYSTEMS, DIVISION OF BUILDING SAFETY**

**000. LEGAL AUTHORITY.**

This chapter is adopted in accordance with Sections 54-5001 and 54-5005(2), Idaho Code. (4-11-06)

**001. TITLE AND SCOPE.**

**01. Title.** These rules are titled IDAPA 07.07.01, “Rules Governing Installation of Heating, Ventilation, and Air Conditioning Systems, Division of Building Safety” (HVAC Rules). (3-16-04)

**02. Scope.** These rules establish the minimum standards for heating, ventilation, and air conditioning (HVAC) installation practice, certification, registration, and educational programs. (3-16-04)

**002. WRITTEN INTERPRETATIONS.**

In accordance with Section 67-5201, Idaho Code, this agency may have written statements that pertain to the interpretations of the rules of this chapter, or to compliance with the rules of this chapter. Any such documents are available for public inspection and copying at the Idaho Division of Building Safety offices. (3-29-17)

**003. ADMINISTRATIVE APPEALS.**

IDAPA 04.11.01, “Idaho Rules of Administrative Procedure of the Attorney General,” Section 100, et seq., applies to contested cases, in addition to IDAPA 07.07.01, “Rules Governing Installation of Heating, Ventilation, and Air Conditioning Systems, Division of Building Safety” and the provisions of Title 54, Chapter 50, Idaho Code. (3-16-04)

**004. ADOPTION AND INCORPORATION BY REFERENCE OF THE INTERNATIONAL MECHANICAL CODE, 2012 EDITION.**

**01. International Mechanical Code.** The 2012 Edition, including appendix “A,” (herein IMC) is adopted and incorporated by reference with the following amendments: (3-20-14)

**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. (4-11-06)

**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. (3-20-14)

**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. (4-11-06)

**d.** Section 109. Delete. (7-1-10)

**e.** Section 202 Definitions. Delete the definitions provided in the code for the terms identified herein this paragraph and replace with the following: (3-29-17)

**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 conveyORIZED 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. (3-29-17)

**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. (3-29-17)

**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. (4-7-11)

**g.** Section 504.6.1 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. (3-20-14)

**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. (3-20-14)

**02. Availability of the International Mechanical Code.** The 2012 Edition is available at the Division of Building Safety 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. (3-20-14)

**005. ADOPTION AND INCORPORATION BY REFERENCE OF THE INTERNATIONAL FUEL GAS CODE, 2012 EDITION.**

**01. International Fuel Gas Code.** The 2012 Edition, including appendixes "A, B, C, and D," (herein IFGC) is adopted and incorporated by reference with the following amendments: (3-20-14)

**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. (4-11-06)

**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. (3-20-14)

**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. (4-11-06)

**d.** Section 109. Delete. (7-1-10)

**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. (4-11-06)

**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. (4-11-06)

**g.** Section 406.4.2. The test duration may not be less than twenty (20) minutes. (4-11-06)

**h.** Section 408.4. Sediment Trap. Delete the last sentence and replace it with the following: Illuminating appliances, ranges, clothes dryers, outdoor grills, decorative vented appliances for installation in vented fireplaces, and gas fireplaces need not be so equipped. (4-7-11)

**i.** 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. (4-4-13)

**j.** 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. (4-11-06)

**02. Availability of the International Fuel Gas Code.** The 2012 Edition is available at the Division of Building Safety 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. (3-20-14)

**006. ADOPTION AND INCORPORATION BY REFERENCE OF PART V (MECHANICAL) AND PART VI (FUEL GAS) OF THE INTERNATIONAL RESIDENTIAL CODE FOR ONE (1)- AND TWO (2)-FAMILY DWELLINGS, 2012 EDITION.**

**01. Part V (Mechanical) and Part VI (Fuel Gas) of the International Residential Code for One (1)- and Two (2)-Family Dwellings.** The 2012 Edition, including appendixes "A, B, C, and D," (herein IRC) is adopted and incorporated by reference with the following amendments: (3-20-14)

**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. (4-7-11)

**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. (3-20-14)

**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. (4-7-11)

**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. (4-4-13)

**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. (4-4-13)

**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. (4-4-13)

**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 006.01.f. of these rules. (4-4-13)

**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. (4-4-13)

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. (3-20-14)

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. (3-20-14)

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. (3-20-14)

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. (4-7-11)

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. (4-7-11)

n. Section G2417.4.2 (406.4.2). The test duration may not be less than twenty (20) minutes. (4-7-11)

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. (4-4-13)

**02. Availability of the International Residential Code for One (1)- and Two (2)-Family Dwellings.**  
The 2012 Edition is available at the Division of Building Safety 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. (3-20-14)

**007. OFFICE – OFFICE HOURS – MAILING ADDRESS AND STREET ADDRESS.**

The principal place of business of the Division of Building Safety, 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. (4-4-13)

**008. 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. (3-16-04)

**009. 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 HVAC board are subject to the provisions of the Idaho Public Records Act, Title 74, Chapter 1, Idaho Code. (3-16-04)

**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 HVAC board must be notified immediately, in writing, of the change. Documentation confirming the change of name must be provided to the board on request. (4-11-06)

**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 HVAC board must be notified immediately, in writing, of the change. (4-11-06)

**03. Address for Notification Purposes.** The most recent mailing address on record with the HVAC 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. (4-11-06)

**011. MEETINGS.**

HVAC Board meetings are subject to the provisions of the Idaho Open Meeting Law, Title 67, Chapter 23, Idaho Code. (3-16-04)

**012. DEFINITIONS.**

**01. Administrator.** The administrator of the Idaho Division of Building Safety. (3-16-04)

**02. Board.** The Idaho Heating, Ventilation, and Air Conditioning (HVAC) Board. (3-16-04)

**03. Division.** The Idaho Division of Building Safety. (3-16-04)

**04. Additional Definitions.** Terms defined in Section 54-5003, Idaho Code, will have the same meaning when utilized in these rules. (3-16-04)

**05. Rules.** IDAPA 07.07.01, “Rules Governing Installation of Heating, Ventilation, and Air Conditioning Systems, Division of Building Safety.” (3-16-04)

**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. (4-6-05)

**a.** Certificates of competency are issued for a period of no less than one (1) year and no more than (3) three years. For example: a qualified applicant who applies for a certificate of competency in August of year one (1), but whose birthday will not occur until March of year two (2) will be issued a certificate of competency renewable on the anniversary of the applicant’s birth month. (4-6-05)

**b.** The fee for issuance of certificates of competency will be prorated based on the number of months for which the certificate is issued. (4-6-05)

**02. Renewal.** Certificates of competency will be renewed in such a manner as to create a staggered system of certificate renewals using the birth month of the individual to whom the certificate is issued as the expiration date. (4-6-05)

**a.** Certificates of competency are renewed for a period of no less than one (1) year and no more than three (3) years. (4-6-05)

**b.** The fee for renewal of certificates of competency will be prorated based on the number of months for which the certificate is issued. (4-6-05)

**03. Expiration-Revival.** (4-6-05)

a. Certificates that are not timely renewed will expire on the last day of the month in which the renewal is due. (4-6-05)

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. (4-6-05)

**014. -- 019. (RESERVED)**

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

Application forms for HVAC contractor, HVAC specialty contractor, HVAC journeyman, and HVAC specialty journeyman examinations or certificates of competency and for HVAC apprentice or HVAC specialty apprentice registrations, must be printed and made available by the administrator. (4-11-06)

**01. Application Forms.** All applications for certificates and all applications for registration must be submitted on forms provided by the administrator and must be properly completed, giving all pertinent information, and all signatures must be notarized. (3-16-04)

**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. (3-16-04)

**03. Application Submission.** All applications must be submitted to the board and must be approved by an administrator before any examination may be taken and before any certificate of competency is issued. (3-16-04)

**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. (3-29-12)

**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. (3-16-04)

**03. Examination.** Applicants for certification as HVAC contractors must successfully complete the examination designated by the board. (3-16-04)

**022. HVAC SPECIALTY 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. (3-29-12)

**02. Qualification.** Applicants must 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. (3-16-04)

**03. Examination.** Applicants for certification as HVAC specialty contractors must successfully complete the examination designated by the board. (3-16-04)

**023. HVAC JOURNEYMAN CERTIFICATES OF COMPETENCY: REQUIREMENTS.**

**01. Experience.** Demonstrate, to the satisfaction of the board, a minimum of four (4) 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 making HVAC installations on the job under the supervision of a qualified HVAC journeyman. Notwithstanding the requirement that an HVAC apprentice demonstrate four (4) years of on-the-job work experience under the supervision of a qualified HVAC journeyman, any HVAC apprentice who successfully completes a Board-approved, full-time, one (1)-academic-year HVAC training course may receive credit for up to one (1) year of on-the-job work experience. (4-11-19)

- 02. Education.** Successfully complete any required apprenticeship training courses. (3-16-04)
- 03. Examination.** Applicants for certification as HVAC journeymen must successfully complete the examination designated by the board. (3-16-04)
- a.** Each HVAC apprentice who desires to take the HVAC journeyman examination must complete a Board-approved training course as described in Subsection 025.02 of these rules prior to the date of the examination and provide a certificate of completion with the apprentice's application for examination. There is no minimum work experience requirement to be eligible to take the HVAC journeyman examination. (4-11-19)
- b.** The Division will not issue a certificate of competency to an HVAC apprentice until the apprentice furnishes to the Division proof of satisfaction of the requirements contained in Subsection 023.01 of these rules and successful completion of the journeyman examination. (4-11-19)
- 04. Out of State Journeyman Applications.** (3-24-17)
- a.** 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 application for a journeyman certificate of competency from an individual previously licensed as a journeyman in another jurisdiction recognized by the Idaho HVAC Board must include satisfactory proof of licensure in such jurisdiction. The applicant must pay all applicable application and examination fees to the Division, and successfully complete the journeyman examination administered by the Division. (3-24-17)
- b.** An application for a journeyman certificate of competency from an individual who has never been previously licensed as a journeyman in a jurisdiction recognized by the Idaho HVAC Board must include evidence that demonstrates that the applicant has four (4) years, defined as eight thousand (8,000) hours of HVAC work experience or a nature at least equivalent to that which a HVAC apprentice must perform in Idaho, as well as four (4) years of schooling equivalent to that which a HVAC apprentice must complete in Idaho. Alternatively, such an applicant may submit sufficient proof verifying 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 a HVAC apprentice must perform in Idaho. Upon submission of sufficient proof of having completed such experience and schooling requirements, such applicant must also pay all applicable application and examination fees to the Division, and successfully complete the journeyman examination administered by the Division. (3-24-17)
- 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. (4-2-08)
- 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. (4-11-06)
- 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. (4-2-08)
- 03. Examination.** Successfully complete an examination designated by the board. (4-2-08)
- 025. HVAC APPRENTICE REQUIREMENTS FOR REGISTRATION.**  
Requirements for HVAC Apprentice. (4-11-06)
- 01. Age.** Minimum of eighteen (18) years of age unless registered in a Bureau of Apprenticeship Training (BAT) certified HVAC training program. (4-11-06)



board. **02. Training.** Maintain enrollment in or successfully complete a training program approved by the board. (4-11-06)

**03. Supervision.** Work under the supervision of a certified HVAC journeyman. (4-11-06)

**026. HVAC SPECIALTY APPRENTICE REQUIREMENTS FOR REGISTRATION.** Requirements for HVAC Specialty Apprentice. (4-11-06)

**01. Age.** Minimum of eighteen (18) years of age unless registered in a Bureau of Apprenticeship Training (BAT) certified HVAC training program. (4-11-06)

board. **02. Training.** Maintain enrollment in or successfully complete a training program approved by the board. (4-11-06)

**03. Supervision.** Work under the supervision of a certificated HVAC journeyman or certificated HVAC specialty journeyman. (4-11-06)

**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 are required to meet the experience and examination requirements as defined in Section 027. (4-2-08)

**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. (4-2-08)

**02. Examination.** Applicants for certification as HVAC waste oil specialty journeymen must successfully complete a waste oil burner manufacturers certification or examination as approved by the board. (4-2-08)

**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 of Section 028 to receive a certificate of competency. (4-2-08)

**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. (4-2-08)

**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. (4-2-08)

**03. Examination.** Successfully complete an examination designated by the board. (4-2-08)

**029. -- 049. (RESERVED)**

**050. HVAC PERMITS.**

**01. Serial Number.** Each permit must bear a serial number. (3-16-04)

**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. Permits are not transferable. (3-16-04)

**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. (3-16-04)

**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. (3-16-04)

**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. (3-24-17)

**06. Refunds of Permits.** The administrator may authorize a refund for any permit fee paid on the following bases: (3-24-17)

**a.** 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; and (3-24-17)

**b.** 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. (3-24-17)

**051. FEES FOR HVAC INSPECTIONS.**

HVAC inspection fees are to cover the cost of HVAC inspections as provided by Section 54-5017, Idaho Code; any person, partnership, company, firm, association, or corporation making an HVAC installation must pay to the Division of Building Safety an inspection fee as provided in the following schedule: (3-26-08)

**01. New Residential - Single-Family Dwelling.** Includes all buildings with HVAC systems being constructed on each property.

<b>New Residential - Single-Family Dwelling</b>	
Up to 1,500 Square feet of living space	- \$130
1,501 to 2,500 Square feet of living space	- \$195
2,501 to 3,500 Square feet of living space	- \$260
3,501 to 4,500 Square feet of living space	- \$325
Over 4,500 Square feet of living space	- \$325 plus \$65 for each additional 1,000 square feet or portion thereof

(4-9-09)

**02. New Residential - Multi-Family Dwellings.**

New Residential - Multi-Family Dwellings	
Duplex Apartment	- \$260
Three (3) or more multi-family units	- \$130 per Building plus \$65 per Unit

(3-26-08)

**03. Existing Residential.** Sixty-five dollars (\$65) plus ten dollars (\$10) for each additional piece of HVAC equipment being installed up to a maximum of the corresponding square footage of the residential building. (3-26-08)

**04. Other Installations Including Industrial and Commercial.** The inspection fees listed in this Section apply to any and all HVAC installations not specifically mentioned elsewhere in this schedule. The HVAC cost is the cost to the owner of all labor charges and all other costs that are incurred in order to complete the installation of any and all HVAC equipment and materials installed as part of the HVAC system. (3-26-08)

**a.** HVAC system cost not exceeding ten thousand dollars (\$10,000): sixty dollars (\$60) plus two percent (2%) of the total HVAC system cost. (3-26-08)

**b.** HVAC system cost over ten thousand dollars (\$10,000) but not exceeding one hundred thousand dollars (\$100,000): two hundred sixty dollars (\$260) plus one percent (1%) of the HVAC system cost exceeding ten thousand dollars (\$10,000). (3-26-08)

**c.** HVAC system cost over one hundred thousand dollars (\$100,000): one thousand one hundred sixty dollars (\$1,160) plus one half of one percent (.5%) of the HVAC system cost exceeding one hundred thousand dollars (\$100,000). (3-26-08)

**d.** All fees calculated under this schedule must be calculated on the total HVAC cost of the job, and this figure must be shown on the permit. (3-26-08)

**05. Requested Inspections** A fee of sixty-five dollars (\$65) per hour or portion of an hour applies, with the requesting party responsible for all costs incurred in out-of-state travel. (3-26-08)

**06. Additional Fees and Re-Inspection Fees.** A fee of sixty-five dollars (\$65) per hour or portion of an hour applies to: (3-26-08)

**a.** Trips to inspect when the submitter of the permit had given notice to the Division of Building Safety that the work is ready for inspection and it is not, if the submitter has not accurately identified the work location, or if the inspector cannot gain access to make the inspection. (3-26-08)

**b.** Trips to inspect corrections required by the inspector as a result of the submitter improperly responding to a corrective notice. (3-26-08)

**c.** Each trip necessary to remove a red tag from the jobsite. (3-26-08)

**d.** When corrections have not been made in the prescribed time, unless an extension has been requested and granted. (3-26-08)

**e.** No permit - failure to post or send permit and required fee in the prescribed time will, at the discretion of the Division, result in the assessment of a double fee. (3-26-08)

**07. Plan Check Fee.** Sixty-five dollars (\$65) per hour or portion thereof. (3-26-08)

**052. -- 059. (RESERVED)**

**060. REQUIRED INSPECTIONS.**

All work performed under a HVAC permit must be inspected by a designated, qualified, properly identified agent of the authority having jurisdiction to ensure compliance with Title 54, Chapter 50, Idaho Code, and IDAPA 07.07.01.

(3-16-04)

**01. Request for Division of Building Safety Inspection.**

(3-16-04)

**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.

(3-16-04)

**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.

(3-16-04)

**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.

(5-8-09)

**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.

(5-8-09)

**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.

(3-29-12)

**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.

(5-8-09)

**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 required 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.

(3-28-18)

**062. -- 069. (RESERVED)**

**070. CIVIL PENALTIES.**

The following acts subject the violator to penalties based on the following schedule.

(3-30-07)

**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 a civil penalty of not more than one thousand dollars (\$1,000) for each offense thereafter.

(3-30-07)

**02. Employees.** Any person, who knowingly employs a person who does not hold a valid Idaho state HVAC certification or apprentice registration, as required by Section 54-5008, Idaho Code, to perform HVAC installations, is subject to a civil penalty of not more than two hundred dollars (\$200) for the first offense and a civil penalty of not more than one thousand dollars (\$1,000) for each offense thereafter.

(3-30-07)

**03. Certification or Registration.** Except as provided by Section 54-5001, Idaho Code, any person 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 a specialty apprentice as defined by Section 54-5003(5), Idaho Code, without a valid certification or registration is

subject to a civil penalty of not more than two hundred dollars (\$200) for the first offense and a civil penalty of not more than one thousand dollars (\$1,000) for each offense thereafter. (3-30-07)

**04. Supervision.** Any HVAC apprentice or specialty apprentice working without the required journeyman supervision or any HVAC contractor or industrial account employing apprentices without providing the required HVAC journeyman supervision is subject to a civil penalty of not more than two hundred dollars (\$200) for the first offense and a civil penalty of not more than one thousand dollars (\$1,000) for each offense thereafter. (3-30-07)

**05. Performance Outside Scope of License.** Any HVAC specialty contractor or specialty journeyman performing HVAC installations, alterations, or maintenance outside the scope of the specialty certification is subject to a civil penalty of not more than two hundred dollars (\$200) for the first offense and a civil penalty of not more than one thousand dollars (\$1,000) for each offense thereafter. (3-30-07)

**06. Fees and Permits.** Any person 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 heating, ventilation, or air conditioning system or subsystems of such is subject to a civil penalty of not more than two hundred dollars (\$200) for the first offense and a civil penalty of not more than one thousand dollars (\$1,000) for each offense thereafter. (3-29-10)

**07. Corrections.** Any person who fails to make corrections in the time allotted in the notice on any HVAC installation as set forth in Section 54-5019, Idaho Code, is subject to a civil penalty of not more than two hundred dollars (\$200) for the first offense and a civil penalty of not more than one thousand dollars (\$1,000) for each offense thereafter. (3-30-07)

**08. Gross Violation.** In the case of continued, repeated, or gross violation of Title 54, Chapter 50, Idaho Code, or IDAPA 07.07.01, "Rules Governing Installation of Heating, Ventilation, and Air Conditioning Systems, Division of Building Safety," 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. (3-30-07)

**09. Judicial Review.** Any party aggrieved by the final action of the board is entitled to a judicial review thereof in accordance with the provisions of Title 67, Chapter 52, Idaho Code. (3-30-07)

**071. -- 999. (RESERVED)**

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