

24.39.20 – RULES GOVERNING PLUMBING

000. LEGAL AUTHORITY.

The rules are promulgated pursuant to Sections 54-2605(1) and 54-2606(3), Idaho Code. ()

001. SCOPE.

The rules prescribe criteria for plumbing permits, fee schedules for plumbing permits, inspections of plumbing installations, the issuance of licenses for plumbing installation, adoption and amendment of the Idaho State Plumbing Code, and civil penalties. ()

002. INCORPORATION BY REFERENCE.

The Idaho State Plumbing Code, 2017 Edition, is incorporated by reference into these rules as further specified in Rule 301. ()

003. -- 006. (RESERVED)

007. DEFINITIONS.

01. Fixture. Any water using or waste producing unit attached to the plumbing system, and includes sewers, water treatment equipment, solar systems, sprinkler systems, hot tubs and spas. ()

008. -- 100. (RESERVED)

SUBCHAPTER A – PLUMBING PERMITS, FEE SCHEDULE, AND SAFETY INSPECTIONS

(Rule 101 through 103)

101. PERMITS.

01. Plumbing Contractors. Permits will be furnished to licensed plumbing contractors upon request. Permit serial numbers must be registered in the name of the plumbing contractor and are transferable only as provided herein these rules. ()

02. Home Owners. Home owners making plumbing installations on their own premises under the provisions of Section 54-2602, Idaho Code, must secure a plumbing permit by making application to the Division as provided by Section 54-2620, Idaho Code. ()

03. Commercial, Industrial and Others. The application form must be properly completed, and returned to the Division together with a verified copy of bid acceptance and the proper permit fee as hereinafter provided. Persons, companies, firms, associations, or corporations making plumbing installations, other than on their own property, must be licensed as a contractor by the state of Idaho as provided by Section 54-2610, Idaho Code. ()

04. Expiration of Permit. Every permit expires and becomes null and void if the work authorized by such permit is not commenced within one hundred twenty (120) days from the date of permit issuance, or if work authorized by such permit is suspended or abandoned at any time after work is commenced for a period of one hundred twenty (120) days. Before such work can be recommenced, a new permit must first be obtained, and the fee is one-half (1/2) the amount of a new permit for such work; provided, no changes have been made, or will be made in the original plans and specifications for such work; and provided further, that such suspension or abandonment has not exceeded one (1) year. All plumbing fixtures must be listed on the application for permit. ()

05. Transferring a Permit. A plumbing 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 responsibilities and conditions incorporated into the original permit issuance. A permit may be transferred to the owner of the property on which the plumbing work is to be performed and for which the permit was issued, or such owner's designated legal agent in cases where the property owner has terminated their legal relationship with the plumbing 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. ()

102. PERMIT FEE SCHEDULE.

01. New Residential. Includes all buildings with plumbing systems being constructed on each property. The following fees shall apply to new residential construction:

One-Family Dwelling	
Square Feet	Fee
Up to 1,500	- \$130
1,501 to 2,500	- \$195
2,501 to 3,500	- \$260
3,501 to 4,500	- \$325
Over 4,500	- \$325 plus \$65 for each additional 1,000 square feet or portion thereof

Two- or Multi-Family Dwelling	
Dwelling	Fee
Two-family dwelling	- \$260
Multi-family dwelling	- 130 per Building plus \$65 per Unit

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

Type	Fee
Existing residential	\$65 per inspection plus \$10 for each additional fixture
Requested inspection	\$65 per hour or portion thereof plus costs of out-of-state travel
Technical service	\$65 per hour or portion thereof
Plan check	

Mobile home, manufactured home, or recreational vehicle park	Calculated under Subsection 102.03 of these rules
Sewer or water service line - nonresidential (new construction, installations, and replacements)	
Reclaimed water system	
Lawn sprinkler system - nonresidential	
Lawn sprinkler system - residential	\$65 per inspection
Sewer or water service line - residential (new construction, installations, and replacements)	
Mobile or manufactured home	
Modular building	
Multipurpose residential fire sprinkler	\$65 or \$4 per fire sprinkler head, whichever is greater
Gray water system	\$130 per inspection

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

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

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04. Additional Fees. A fee of sixty-five dollars (\$65) per hour or portion thereof shall apply to trips to inspect when the permit holder has given notice to the Division of Building Safety that the work is ready for inspection and it is not;

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- a. If the permit holder has not accurately identified the work location; ()
- b. If the inspector cannot gain access to make the inspection; ()
- c. Corrections required by the inspector as a result of the permit holder improperly responding to a corrective notice. ()
- d. When corrections have not been made in the prescribed time, unless an extension has been

requested and granted. ()

05. No Permit. Failure to purchase a permit before commencing work may result in the assessment of a double fee. ()

103. REQUIRED INSPECTIONS.

01. Ground Work Inspection Tags. For ground work to be covered, with acceptance by the inspector. A tag will be attached in a prominent location, preferably to a vertical riser. ()

02. Rough-In Inspection Tags. For rough-in, prior to covering or concealing, with acceptance by the inspector. A tag will be placed in a prominent location. ()

03. Final Inspection Tags. For final, attached when the plumbing as specified on the permit is complete and conforms to the requirements of the code. ()

04. Inspection Tags for Unacceptable Plumbing. Correction Notice - when attached to the plumbing system means that the plumbing is not acceptable and that corrections are required. A reinspection and reinspection fee for such installations shall be required in accordance with this chapter. ()

104. -- 199. (RESERVED)

SUBCHAPTER B – PLUMBING SAFETY LICENSING

(Rule 201 through 210)

201. LICENSURE HISTORY.

An applicant for any plumbing registration or certificate of competency who has been previously licensed as a journeyman or master plumber in any recognized jurisdiction is required upon application to the Division of Building Safety to disclose such licensure history and provide sufficient proof thereof. An applicant for any plumbing registration or certificate of competency who has been previously licensed as a journeyman or master plumber in any recognized jurisdiction will not be issued a plumbing apprentice registration. ()

202. APPRENTICE REGISTRATION.

A person wishing to become a plumbing apprentice must register with the Division prior to going to work. The minimum age for any apprentice must be sixteen (16) years. No examination is required for such registration. ()

01. Work Requirements. A plumbing apprentice must work at the trade under the constant on-the-job supervision of a journeyman and in the employ of a contractor for a total of four (4) years, defined as a minimum of eight thousand (8,000) hours work experience in order to be eligible for a journeyman certificate of competency. ()

02. Schooling Requirements. A plumbing apprentice must complete a Board-approved related course of instruction for four (4) years in order to be eligible for a journeyman certificate of competency. Unless prior approval has been granted by the Division the apprentice must complete the required course work sequentially: year one (1) must be completed prior to beginning year two (2); year two (2) must be completed prior to beginning year three (3); and year three (3) must be completed prior to beginning year four (4). A minimum of one hundred forty-four (144) hours of classroom or other Idaho Plumbing Board-approved instruction time per school year is required. A grade average of seventy percent (70%) must be attained in these courses. Upon completion of apprenticeship schooling, the apprentice must obtain a certificate of completion, or a letter signed by the chairman of his apprenticeship committee, and attach the certificate or letter to his application for a journeyman license. ()

03. Journeyman Examination. ()

a. Any plumbing apprentice who desires to take the written portion of the journeyman examination

must complete an Idaho Plumbing Board approved related course of instruction for four (4) years as described in Subsection 202.02 of these rules prior to the date of the exam and provide a certificate of completion with the application for examination. There is no minimum work requirement in order to be eligible to take the written portion of the plumbing journeyman examination. ()

b. Successful completion of the journeyman written examination does not eliminate the requirement to complete four (4) years of work experience, defined as eight thousand (8,000) hours, under the constant on-the-job supervision of a journeyman plumber or the practical portion of the examination in order to be issued a journeyman certificate of competency. Successful completion of the written plumbing journeyman examination notwithstanding, no journeyman certificate of competency will be issued until an apprentice successfully completes the practical portion for the examination and furnishes to the Division proof of satisfaction of the work requirements contained in Subsection 011.01 of these rules. Satisfaction of the work requirements contained in Subsection 202.01 of these rules is required before any individual is eligible to take the practical portion of the journeyman examination. ()

203. JOURNEYMAN.

01. **Qualifications for Journeyman Plumber.** An applicant for a journeyman plumber's certificate of competency must have at least four (4) years' experience as an apprentice making plumbing installations under the constant on-the-job supervision of a qualified journeyman plumber, as provided by Section 54-2611, Idaho Code. Pipe fitting will not be accepted as qualifications for a journeyman plumber's certificate of competency. In order to obtain a journeyman certificate of competency, an individual must submit an application for examination and license. The application must be accompanied by proof the applicant has completed an approved course of instruction for four (4) years as provided in Subsection 202.02 of these rules. The journeyman examination may be taken by an individual who has successfully completed a Board-approved course of instruction for four (4) years as described in Subsection 202.03 of these rules. The examination fee is as prescribed by Section 54-2614, Idaho Code, and must accompany the application. ()

02. **Examination.** The journeyman examination grade is based on answers to written questions and practical work performed on plumbing installations as determined by the Division after successful completion of the written examination. Time allowed for the written examination is four (4) hours. A passing grade is required on the written examination. The practical portion of the exam may be performed on a job in-progress or in a laboratory setting and must consist of work performed in either a residential or commercial application. The practical portion of the exam must pass with no violations. ()

03. Out-of-State Journeyman Applications. ()

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 203.01 and 203.02 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 Plumbing 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. ()

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 Board must include evidence that demonstrates that the applicant has four (4) years of plumbing work experience of a nature at least equivalent to that which a plumbing apprentice must perform in Idaho, as well as four (4) years of schooling equivalent to that which a plumbing apprentice must complete in Idaho. Alternatively, such an applicant may submit proof verifying eight (8) years, defined as a minimum of sixteen thousand (16,000) hours of plumbing work experience of a nature at least equivalent to that which a plumbing 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. ()

204. PLUMBING CONTRACTOR.

01. Qualifications for Plumbing Contractor. A plumbing contractor must be certified as competent by the Idaho Plumbing Board and the administrator of the Division before he offers his service to the public. To obtain the certificate, he must first submit an acceptable application. The applicant must possess an active journeyman plumbing certificate of competency issued by the Division, a provable minimum of two and one-half (2 1/2) years' experience as a licensed journeyman plumber in the state of Idaho, as well as provide payment to the Division for all applicable application and examination fees, and successfully complete the contractor examination administered by the Division. The compliance bond required by Section 54-2606, Idaho Code, is be required to be on file with the Division upon successful completion of the examination. The examination fee is as prescribed by Section 54-2614, Idaho Code. ()

02. Out-of-State Contractor Applications. ()

a. An applicant for a contractor certificate of competency who has previously been licensed as a journeyman in another jurisdiction recognized by the Idaho Plumbing Board must first obtain an Idaho journeyman certificate of competency in accordance with Section 203 of these rules. Such applicants may provide proof of two and one half (2 1/2) years of experience as a plumbing journeyman by providing satisfactory evidence to the Division of such work history in another recognized jurisdiction. Such applicants must also pay all applicable application and examination fees to the Division, and successfully complete the contractor examination administered by the Division. The compliance bond required by Section 54-2606, Idaho Code, is required to be on file with the Division upon successful completion of the examination. ()

b. An applicant for a contractor certificate of competency who has never been previously licensed as a journeyman in a jurisdiction recognized by the Idaho Plumbing Board must first obtain an Idaho journeyman certificate of competency in accordance with Section 203 of these rules. Such applicants must also provide proof of four (4) years of experience performing plumbing work of a nature equivalent to what a 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 to the fact that the applicant has had at least four (4) years' experience performing such work. Alternatively, such an applicant must provide proof of two and one half (2 1/2) years of experience as a journeyman plumber in the state of Idaho. Such applicants must also pay all applicable application and examination fees to the Division, and successfully complete the contractor examination administered by the Division. The compliance bond required by Section 54-2606, Idaho Code, is required to be on file with the Division upon successful completion of the examination. Applications that are incomplete in any detail will be returned as unacceptable, or denied. ()

03. Restrictive Use of Contractor Certificate. Any individual holding a contractor certificate and designated by a firm to represent that firm for licensing purposes represents one (1) firm only, and must immediately notify the Division in writing when his working arrangement with that firm has been terminated for purposes of becoming self-employed or affiliation with another firm, or for any other reason. A license holder cannot represent any other person or firm, self-employed or otherwise, than originally stated on his application for license. When a change is made, he is required to so inform the Division. Otherwise, he is guilty of transferring his license in violation of Section 54-2610, Idaho Code, and is subject to license suspension, revocation, or refusal to renew under Section 54-2608, Idaho Code, or to prosecution under the provisions of Section 54-2628, Idaho Code. ()

04. Previous Revocation. Any applicant for a plumbing contractor's license who has previously had his plumbing contractor's license revoked for cause, as provided by Section 54-2608, Idaho Code, is considered as unfit and unqualified to receive a new plumbing contractor's license so long as such cause for revocation is continuing, and of such a nature that correction can be made by the applicant. ()

05. Reviving an Expired License. Any applicant for a plumbing contractor's license who has allowed his license to expire and seeks to revive it under the provisions of Section 54-2617, Idaho Code, may be denied a license as unfit and unqualified if, while operating under the license prior to expiration, he violated any of the laws, rules or regulations applicable to plumbing contractors, and such violation is continuing, and of such a nature that corrections can be made by the applicant. ()

06. Effective Dates. The effective dates of the compliance bond referred to in Subsection 204.01 of

these rules coincide with the effective dates of the contractor's license. Proof of renewal of the compliance bond must be on file with the Division before the contractor can renew or revive his license. ()

07. Plumbing Contractor's Responsibility. It is the responsibility of the plumbing contractor to ensure that all his employees working at the plumbing trade are licensed as provided by Idaho Code and these rules. ()

08. Advertising. Any person or entity advertising to engage in the business, trade, practice, or work of a plumbing contractor as defined in Section 54-2611, Idaho Code, who does not possess a current and valid plumbing contractor certificate of competency issued by the Division of Building Safety, is in violation of the licensing provisions of Title 54, Chapter 26, Idaho Code. Such conduct is punishable as a misdemeanor as prescribed by Section 54-2628, Idaho Code, and subject to civil penalties in accordance with these rules. ()

a. For the purposes of this Section, advertising includes, but is not limited to: newspaper, telephone directory, community flier ads or notices; telephone, television, radio, internet, or door-to-door solicitations. ()

b. Any advertising, as defined in Subsection 204.08 of these rules, conducted by those persons or entities with a valid certificate of competency must include the contractor certificate of competency number. ()

205. APPLICATIONS.

All applications for licenses must be properly completed giving all pertinent information, and signatures must be notarized. An application for a license must be submitted to the administrator of the Division and must be approved by an authorized representative of the Division before any examination is given and before any license is issued. The provisions of this section do not apply to renewal of licenses. ()

206. EXAMINATIONS.

01. Examinations for Journeyman Plumber. Written examinations for any journeyman plumber's license are formulated and approved by the Idaho Plumbing Board. Examination questions are based on the practical application of the Uniform Plumbing Code. No certificate of competency will be issued unless the applicant receives a final grade of seventy-five percent (75%) or higher on the written examination and passes the practical portion with no violations, as well as completes the work requirements described in Paragraph 202.03.a. of these rules. An applicant receiving a grade of less than seventy-five percent (75%) may apply for reexamination upon payment of the examination fee. An applicant has six (6) months to achieve a passing score. If an applicant does not achieve a passing score in six (6) months, the applicant must enroll in year four (4) in a, Idaho Plumbing Board-approved related training course, complete year four (4), be registered with the Division as an apprentice, and maintain registration as per Section 202 of these rules before the applicant will be eligible to apply for examination. A completion certificate for year four (4) and the proper application fee must accompany a new application for a journeyman examination. ()

02. Professional Testing Services. In lieu of the administration by the Idaho Plumbing Board of the examination for licenses pursuant to this rule, the Idaho Plumbing Board may contract with a professional testing service to administer the examination, and require license applicants to pay to the testing service the fee that they have set for the examination and to take such examination at the time set by such service. If the examination is conducted in this fashion, the Idaho Plumbing Board may charge and retain the application fee provided for by Section 54-2616, Idaho Code, to cover the cost of reviewing the applicant's application. ()

207. CERTIFICATES OF COMPETENCY – ISSUANCE, RENEWAL, EXPIRATION, REVIVAL – FEES.

01. Issuance. Certificates of competency will be issued in such a manner as to create a renewal date that coincides with the birthdate of the individual to whom the certificate is issued and allows for renewals every three (3) years. ()

a. Certificates of competency will be issued for a period of no less than one (1) year and no more than three (3) 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 birthdate. ()

b. The fee for issuance of certificates of competency will be prorated based on the number of months for which it is issued. ()

02. Renewal. Certificates of competency will be renewed in such a manner as will achieve a staggered system of certificate renewal using the birthdate of the individual to whom the certificate is issued as the expiration date. ()

a. Certificates of competency will be renewed for a period of no less than one (1) year and no more than three (3) years. ()

b. The fee for renewal of certificates of competency will be prorated based on the number of months for which it is issued. ()

c. Continuing Education. The Idaho Plumbing Board will establish criteria for approval of instruction and instructors and courses and instructors will be approved by the Division of Building Safety. Proof of completion of the following continuing education requirements must be submitted to the Division prior to, or with the application for, licensure renewal by any licensee in order to renew a journeyman or contractors plumbing license. ()

i. Journeymen must complete eight (8) hours of continuing education for every three-year license cycle, or complete an exam administered by the Division. Of the required eight (8) hours, four (4) hours must be plumbing code update related and the other four (4) hours may be industry related training. ()

ii. Contractors must complete sixteen (16) hours of continuing education for every three-year license cycle. Hours accrued obtaining journeyman education may be applied toward this requirement whenever applicable. ()

03. Expiration - Revival. ()

a. A certificate that has expired may be revived in accordance with Section 54-2617, Idaho Code by submitting a completed application and meeting all other certification requirements. ()

b. Revived certificates will be issued in such a manner as to create a renewal date that coincides with the birthdate of the applicant to achieve a staggered system of renewal. ()

208. APPLIANCE PLUMBING SPECIALTY LICENSE.

The purpose of this section is to set out the special types of plumbing installations for which an appliance plumbing specialty license is required; to set out the minimum experience requirements for such licenses; and to describe the procedure for securing such licenses. ()

01. Qualified Journeyman Plumbers. Qualified journeyman plumbers as defined in Section 54-2611(b), Idaho Code, are permitted to make installations as subsequently described herein without securing an additional license for said installation. ()

02. Qualified Apprentice Plumbers. Qualified apprentice plumbers as defined in Section 54-2611(c), Idaho Code, are permitted to make installations as subsequently described herein without securing an additional license for said installation. ()

03. Minimum Experience Requirements. ()

a. Experience gained by an individual while engaged in the practice of appliance plumbing specialty

is not considered towards the satisfaction of the minimum experience requirements for licensing as a journeyman plumber. ()

b. All qualified appliance plumbing specialty journeymen must be licensed and be in the employ of a licensed plumbing contractor or specialty contractor limited to this category. ()

c. Appliance plumbing specialty contractors must have a two thousand dollar (\$2,000) surety bond, thirty (30) months minimum journeyman experience, and successful completion of appliance plumbing specialty contractor's test. ()

d. Appliance plumbing specialty journeymen must have eighteen (18) months apprentice on-the-job experience, satisfactory completion of seventy-two (72) hours of Idaho Plumbing Board-approved, related training classes and successful completion of the appliance plumbing specialty journeyman's test. ()

e. Appliance plumbing specialty apprentices must be employed by a licensed contractor, under the supervision of a journeyman, be enrolled in or have completed Idaho Plumbing Board-approved related training classes and maintain state registration. ()

04. Special Grandfathering Provision. ()

a. Contractor: In lieu of the thirty (30) months minimum journeyman experience requirement, an individual may use five (5) years' experience of owning and operating a business where this specialty applies and satisfactory completion of seventy-two (72) hours of Idaho Plumbing Board-approved related training classes. For this purpose, a business is defined as an activity in which tax returns were required to be and have been filed for at least five (5) years. ()

b. Journeyman: In lieu of the eighteen (18) months apprentice on-the-job experience requirement, an individual may use five (5) years' experience working for a business where this specialty applies. For this purpose, working for a business is defined as being issued a W-2 earning form from a related business or businesses for at least five (5) years. ()

05. Examinations for Specialty Licenses. Written examinations for specialty plumbing licenses are formulated from the practical application of the sections of the Uniform Plumbing Code. ()

06. Scope of Work Permitted. Permitted to disconnect, cap, remove, and reinstall within sixty (60) inches of original location: water heating appliance, water treating or filtering devices; air or space temperature modifying equipment which involves potable water; humidifier; temperature and pressure relief valves; condensate drains and indirect drains in one-family and two-family residences only. Does not include installation, testing, or certifying of backflow prevention devices. Does NOT include any modification to the drain, waste or vent systems. Must comply with all Idaho plumbing laws and rules and the requirements of the Uniform Plumbing Code. ()

209. WATER PUMP PLUMBING SPECIALTY LICENSE.

The purpose of this section is to set out the special types of plumbing installations for which a water pump plumbing specialty license is required; to set out the minimum experience requirements for such licenses; and to describe the procedure for securing such licenses. ()

01. Qualified Journeyman Plumbers. Qualified journeyman plumbers as defined in Section 54-2611(b), Idaho Code, are permitted to make installations as subsequently described herein without securing an additional license for said installation. ()

02. Qualified Apprentice Plumbers. Qualified apprentice plumbers as defined in Section 54-2611(c), Idaho Code, are permitted to make installations as subsequently described herein without securing an additional license for said installation. ()

03. Minimum Experience Requirements. ()

a. Experience gained by an individual while engaged in the practice of water pump plumbing specialty is not considered towards the satisfaction of the minimum experience requirements for licensing as a journeyman plumber. ()

b. All qualified water pump plumbing specialty journeymen must be licensed and be in the employ of a licensed plumbing contractor or specialty contractor limited to this category. ()

c. Water pump plumbing specialty contractors must have a two thousand dollars (\$2,000) surety bond, thirty (30) months minimum journeyman experience, and successful completion of water pump plumbing specialty contractor's test. ()

d. Water pump specialty journeymen must have eighteen (18) months apprentice on-the-job experience, satisfactory completion of twelve (12) hours of Idaho Plumbing Board-approved, related training classes and successful completion of the water pump plumbing specialty journeyman's test. ()

e. Water pump plumbing specialty apprentices must be employed by a licensed contractor, under the supervision of a journeyman, be enrolled in or have completed Idaho Plumbing Board-approved related training classes and maintain state registration. ()

04. Special Grandfathering Provision. ()

a. Contractor: In lieu of the thirty (30) month minimum journeyman experience requirement, an individual may use three (3) years' experience of owning and operating a business where this specialty applies and satisfactory completion of twenty-four (24) hours of Idaho Plumbing Board-approved related training classes. For this purpose, a business is defined as an activity in which tax returns were required to be and have been filed for at least three (3) years. ()

b. Journeyman: In lieu of the eighteen (18) months apprentice on-the-job experience requirement, an individual may use three (3) years' experience working for a business where this specialty applies. For this purpose, working for a business is defined as being issued a W-2 earning form from a related business or businesses for at least three (3) years. ()

05. Examinations for Specialty Licenses. Written examinations for specialty plumbing licenses are formulated from the practical application of the sections of the Uniform Plumbing Code. ()

06. Scope of Work Permitted. Permitted to install and connect water service piping from pump to storage expansion pressure tank in one (1) and two (2) family residences only. Does not include installation, testing or certifying of backflow prevention devices. Must comply with all Idaho plumbing laws and rules and the requirements of the Uniform Plumbing Code. ()

210. -- 300. (RESERVED)

SUBCHAPTER C – IDAHO STATE PLUMBING CODE

(Rule 301)

301. ADOPTION AND INCORPORATION BY REFERENCE OF THE IDAHO STATE PLUMBING CODE.

The Idaho State Plumbing Code published in 2017, including Appendices “A, B, C, D, E, G, I, J, K and L,” (herein ISPC) is adopted and incorporated by reference with amendments as prescribed by the Idaho Plumbing Board and contained in this Section. The Idaho State Plumbing Code is modeled after the 2015 Uniform Plumbing Code (UPC). ()

01. Section 105.3 Testing of Systems. ()

a. Delete and replace the following: Plumbing systems must be tested and approved in accordance

with this code or the Authority Having Jurisdiction. Tests may be conducted in the presence of the Authority Having Jurisdiction or the Authority Having Jurisdiction’s duly appointed representative. ()

b. No test or inspection is required where a plumbing system, or part thereof, is set up for exhibition purposes and has no connection with a water or drainage system. In cases where it would be impractical to provide the required water or air tests, or the presences of the Authority Having Jurisdiction, or for minor installations and repairs, the Authority Having Jurisdiction, in accordance with procedures established thereby, is permitted to make such inspection as deemed advisable in accordance with the intent of this code. Joints and connections in the plumbing system must be gastight and watertight for the pressures required by the test. ()

02. Section 218 Definitions. Delete definition of “Plumbing System.” Incorporate definition of “Plumbing System” as set forth in Section 54-2604, Idaho Code. ()

03. Section 314.4 Excavations. Add: Where unsuitable or soft material is encountered, excavate to a depth not less than two (2) pipe diameters below the pipe and replace with select backfill. Such backfill must be sand, fine gravel, or stone and must provide lateral support for the pipe. Where rock is encountered, the trench must be excavated to a minimum depth of six (6) inches (152 mm) below the bottom of the pipe. Sand must be added to provide uniform bedding and support for the pipe. The pipe may not rest on any rock at any point, including joints. ()

04. Section 401.2 Qualities of Fixtures. Replace with the following: Plumbing fixtures must be constructed of dense, durable, non-absorbent materials and must have smooth, impervious surfaces, free from unnecessary concealed fouling surfaces. ()

05. Section 403.3 Exposed Pipes and Surfaces. Delete. ()

06. Section 407.4 Transient Public Lavatories. Self-closing or self-closing metering faucets may be installed on lavatories intended to serve the transient public, such as those in, but not limited to, service stations, train stations, airports, restaurants, convention halls, and rest stops. Installed metered faucets must deliver a maximum of zero point two six (0.26) gallons (one point zero (1.0) liter) of water per use. ()

07. Section 408.5 Finished Curb or Threshold. Delete the last sentences of the first paragraph and replace with the following: The finished floor of the receptor must slope uniformly from the sides toward the drain not less than one-eighth (1/8) inch per foot (20.8 mm/m), nor more than one-half (1/2) inch per foot (41.8 mm/m). ()

08. Section 408.7.5 Tests for Shower Receptors. Delete. ()

09. Section 409.4 Limitation of Hot Water in Bathtubs and Whirlpool Bathtubs. Delete. ()

10. Table 501.1(1) First Hour Rating. Delete Table 501.1(1) and replace with the following:

TABLE 501.1(1) FIRST HOUR RATING ¹											
Number of Bathrooms	1 to 1.5			2 to 2.5				3 to 3.5			
Number of Bedrooms	1	2	3	2	3	4	5	3	4	5	6
First Hour Rating, ² Gallons	38	49	49	49	62	62	74	62	74	74	74

For SI units: one (1) gallon = 3.785 L

Notes:

1 The first hour rating is found on the “Energy Guide” label.

2 Solar water heaters must be sized to meet the appropriate first hour rating as shown in the table. ()

- 11. Section 503.1 Inspection of Chimneys or Vents.** Add the following to the end of section 503.1: Water heating appliances using Category 3 or 4 exhaust venting must be tested in its entirety with five (5) pounds of air for fifteen (15) minutes. Plastic vents must be constructed using manufacturer's instructions. ()
- 12. Section 507.2 Seismic Provisions.** Delete. ()
- 13. Section 507.13 Installation in Garages.** Replace 507.13 with the following: Any plumbing appliance or appurtenance in residential garages and in adjacent spaces that open to the garage and are not part of the living space of a dwelling unit must be installed so that burners, burner-ignition devices or other sources of ignition are located not less than eighteen (18) inches (450 mm) above the floor unless listed as flammable vapor ignition resistant. ()
- 14. Table 603.2 Backflow Prevention Devices, Assemblies and Methods.** ()
- a.** Delete from the table the entire row related to freeze resistant sanitary yard hydrant devices. ()
- b.** Delete the backflow preventer for Carbonated Beverage Dispensers text from the first column of the table and replace with the following: Backflow preventer for Carbonated Beverage Dispensers (Reduced Pressure Principle Backflow Prevention Assembly). ()
- 15. Section 603.5.7 Outlets with Hose Attachments.** Delete and replace with the following: Potable water outlets with hose attachments, other than water heater drains, boiler drains, freeze resistant yard hydrants and clothes washer connections, must be protected by a nonremovable hose bibb-type backflow preventer, a nonremovable hose bibb-type vacuum breaker, or by an atmospheric vacuum breaker installed not less than six (6) inches (one hundred fifty-two (152) mm) above the highest point of usage located on the discharge side of the last valve. In climates where freezing temperatures occur, a listed self-draining frost-proof hose bibb with an integral backflow preventer or vacuum breaker must be used. ()
- 16. Section 603.5.12 Beverage Dispensers.** Delete and replace with the following: Potable water supply to, carbonated beverage dispensers must be protected by an air gap or a Reduced Pressure Principle Backflow Prevention Assembly in accordance with ASSE 1013. For carbonated beverage dispensers, piping material installed downstream of the backflow preventer must not be affected by carbon dioxide gas. Potable water supply to beverage dispensers and coffee machines must be protected by an air gap or a vented backflow preventer in accordance with ASSE 1022. ()
- 17. Section 603.5.17 Potable Water Outlets and Valves.** Delete. ()
- 18. Section 603.5.21 Chemical Dispensers.** Add the following new section 603.5.21: The water supply to chemical dispensers must be protected against backflow. The chemical dispenser must comply with ASSE 1055 or the water supply must be protected by one of the following methods: ()
- a.** Air gap; ()
- b.** Atmospheric vacuum breaker (AVB); ()
- c.** Pressure vacuum breaker backflow prevention assembly (PVB); ()
- d.** Spill-resistant pressure vacuum breaker (SVB); or ()
- e.** Reduced-pressure principle backflow prevention assembly (RP). ()
- 19. Section 604.10.1 Tracer Wire.** Add the following exception: Where the electrical wiring for the pump is installed in the same trench as the water line, from the point of origin to the structure, a tracer wire is not required. ()

- 20. Section 605.6.2 Mechanical Joints.** Add to the end of the section the following: Listed PE (polyethylene), one hundred sixty (160) psi minimum, water service and yard piping may be installed within a building (above ground and below ground) with one (1) joint, provided that only listed and approved metallic transition fittings must be used. Polyethylene (PE) plastic pipe or tubing and fitting joining methods must be installed in accordance with the manufacturer's installation instructions. ()
- 21. Section 609.1 Installation.** Delete the following sentence: Building supply yard piping must be not less than twelve (12) inches (305 mm) below the average local frost depth; and replace it with the following: The cover must be not less than forty-two (42) inches (1068mm) below grade. ()
- 22. Section 609.4 Testing.** Deleting the phrase "Except for plastic piping," at the beginning of the third sentence and add the following sentence at the end of the section: Plastic piping is to be tested in accordance with manufacturer's installation standards. ()
- 23. Section 609.10 Water Hammer.** Does not apply to residential construction. ()
- 24. Section 609.11 Pipe Insulation.** Delete. ()
- 25. Table 610.3 and Appendix Table A 103.1.** Change fixture unit loading value for both public and private for bathtub or combination bath/shower, and clothes washers to two (2) fixture units. ()
- 26. Section 610.2 Pressure Loss.** Add the following: All new one (1) and two (2) family residences built slab on grade or that will have a finished basement at the time of final inspection must have a pre-plumbed water softener loop. The kitchen sink must have one (1) hot soft line and one (1) cold soft line and one (1) cold hard line. Exterior cold hose bibbs intended for irrigation purposes must be piped with hard water. ()
- 27. Table 611.4 Sizing of Residential Softeners.** Amend Footnote 3 to read: Over four (4) bathroom groups, softeners must be sized according to the manufacturer's standards. ()
- 28. Section 612.0 Residential Sprinkler System.** Add the following to the end of the first sentence in section 612.1: and the requirements of the Authority Having Jurisdiction (AHJ). ()
- 29. Table 702.1 Drainage Fixture Unit Valves (DFU).** Change fixture unit loading value for clothes washers, domestic for private to two (2) fixture units. ()
- 30. Section 703.1 Minimum Size.** Add the following at the end of section 703.1: No portion of the drainage or vent system installed underground, underground under concrete or below a basement or cellar must be less than two (2) inches in diameter. ()
- 31. Section 704.2 Single Vertical Drainage Pipe.** Two inch (2") and smaller double sanitary tees may be used for back to back or side by side fixture trap arms without increasing the barrel size. ()
- 32. Section 704.3 Commercial Sinks.** Delete. ()
- 33. Table 703.2 Maximum Unit Loading and Maximum Length of Drainage and Vent Piping.** Change fixture unit loading value for one and a half (1 1/2) inch horizontal drainage to two (2) fixture units. ()
- 34. Section 705.5.2 Solvent Cement Joints.** Add to the end of the section the following: PVC DWV may be joined by the use of one-step solvent cement listed or labeled per U.P.C. Section 301.1.1. ()
- 35. Section 707.4 Locations.** Add the following: A clean out must be installed for double sanitary tees two (2) inches (50 mm) or less in diameter that receive the discharge from fixture connections. Exception in Section 707.4 does not apply. A full-sized accessible cleanout must be installed in the vertical immediately above the floor or at the base of each waste or soil stack. A full-size cleanout extending to or above finished grade line must be installed at the junction of the building drain and the building sewer. Cleanouts must be installed at fifty

(50) foot intervals in horizontal drain lines two (2) inches or smaller. ()

36. Section 710.3(4) Sewage Ejectors and Pumps. Add: Exception (4): One (1) pump is permitted for “public use” occupancies provided that such tank receives the discharge of not more than one (1) water closet and ten (10) fixture units (See Section 710.9 Alarms). ()

37. Section 710.5 Size Building Drains and Sewers. Add the following exception: In single family dwellings, one (1) fixture unit may be allowed for each gallon per minute of flow from a pump or a sump ejector. ()

38. Section 712.1 Media. In the first sentence, delete the phrase “except that plastic pipe must not be tested with air.” ()

39. Section 717.0 Size of Building Sewers. Add the following to the end of section 717.1: Exception: The building drain and building sewer is not less than four (4) inches extending from its connection with the city or private sewer system and must run full size to inside the foundation or building lines. ()

40. Section 723.0 General. Delete the following sentence: “Plastic DWV piping systems must not be tested by the air test method.” ()

41. Section 801.3.3 Food Handling Fixtures. Add: Food preparation sinks, pot sinks, scullery sinks, dishwashing sinks, silverware sinks, commercial dishwashing machines, silverware-washing machines, steam kettles, potato peelers, ice cream dipper wells, and other similar equipment and fixtures must be indirectly connected to the drainage system by means of an air gap. The piping from the equipment to the receptor must not be smaller than the drain on the unit, but it must not be smaller than one (1) inch (twenty-five and four tenths (25.4) mm). ()

42. Section 805.41 General. Add to the end of the first paragraph the following: Provisions must be made for the discharge of the water softener to terminate in an approved location. The drain line for a water softener must be three-fourths (3/4) inch minimum. A washer box with a dual outlet is an approved location as long as it is on the same floor or one (1) floor below the softener unit and the water softener drain line is a minimum three-fourths (3/4) inch. ()

43. Section 807.3 Domestic Dishwashing Machines. A domestic dishwashing machine may be installed without the use of an airgap if the drain hose is looped to the bottom side of the counter top and secured properly. ()

44. Section 906.1 Roof Termination. Delete the existing provision and replace with the following: ()

a. Roof venting. When conventional roof venting is utilized, each vent pipe or stack must extend through its flashing and terminate vertically not less than six (6) inches (one hundred fifty-two (152) mm) above the roof nor less than one (1) foot (three hundred five (305) mm) from any vertical surface. ()

b. Sidewall venting. When sidewall venting is utilized, the vent must extend flush with the eaves/gable end, turn down using a ninety (90) degree ell, and terminate as close to the roof peak as possible. The vent end must be properly screened. Sidewall venting is acceptable on new or remodel construction on cabins, log homes, and residential or commercial buildings. ()

c. Sidewall venting must meet the intent of Section 906.2 of the ISPC. ()

45. Section 908.1 Vertical Wet Venting. Add to the end of the section the following: A horizontal wet vent may be created provided it is created in a vertical position and all other requirements of Section 908 of the ISPC are met. ()

46. Section 909.0 Special Venting for Island Fixtures. Add: Parameters for the limited use of Air

- Admittance Valves (A.A.V.). ()
- a. An A.A.V. may be used only in residential buildings. ()
 - b. In remodels, an A.A.V. may be used with island fixtures or remotely located sinks such as in bar, kitchen, or laundry tray locations. An A.A.V. may not be used in bathroom groups. ()
 - c. In new construction, an A.A.V. may be used on island fixture sinks. ()
 - d. Each A.A.V. may be used to vent only one (1) floor. ()
 - e. Each A.A.V. must be readily accessible. ()
 - f. The cross-sectional area of venting must remain the same and must meet the largest required building drain. ()
 - g. An A.A.V. may only be installed in accordance with the manufacturer’s installation standards as per ASSE 1051. ()
 - h. An A.A.V. may not be used in an attic, crawl space, outside installation, or in connection with chemical or acid waste systems. ()

47. Section 1002.3 Change of Direction. Trap arms may not exceed one hundred eighty (180) degrees of horizontal turn without the use of a cleanout. ()

48. Section 1007.0 Trap Seal Protection. Delete section 1007.1 and replace with the following: Floor drains or similar traps directly connected to the drainage system and subject to infrequent use must be protected with a trap seal primer or other approved trap seal protection device, except where not deemed necessary for safety or sanitation by the Authority Having Jurisdiction. Trap seal primers must be accessible for maintenance. ()

49. Section 1016.1 Discharge. Add the following to the end of section 1016.1: Floor drains installed in residential garages must be permitted to use the interceptor as the fixture trap. ()

50. Section 1502.1 General. Add to this section the following paragraph: Plumbing for a gray water system from any fixture up to, but not to include the exterior irrigation system tank must be inspected by the Authority Having Jurisdiction. The Idaho Department of Environmental Quality (IDEQ) has jurisdiction to inspect and approve the installation of the exterior irrigation system tank and all piping therefrom to the point of disposal in accordance with IDAPA 58.01.03, “Individual/Subsurface Sewage Disposal Rules.” Gray water system location and design criteria requirements related to irrigation and leaching is determined in accordance with the requirements as established by the IDEQ. ()

302. -- 400. (RESERVED)

SUBCHAPTER D – CIVIL PENALTIES

(Rule 401)

401. CIVIL PENALTIES.

Except for the acts described in Subsections 401.01 and 401.07 of this rule, the acts described in this section shall 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. ()

01. Plumbing Contractor. Except as provided by Section 54-2602, Idaho Code, any person who acts, or purports to act as a plumbing contractor, as defined by Section 54-2611(a), Idaho Code, without a valid Idaho certificate of competency authorizing him to do so shall be 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. ()

02. Certification or Registration. Except as provided by Section 54-2602, Idaho Code, performing plumbing as defined in Section 54-2603, Idaho Code, without an appropriate certificate of competency or registration. ()

03. Failure to Disclose. Failure to disclose upon request any required information on an application for a plumbing registration or certificate of competency, including complete licensure history or previous licensure as a journeyman or master plumber in another jurisdiction. ()

04. Performance Outside Scope of Specialty Certificate. Performance of any plumbing installation, alteration, or maintenance by a plumbing specialty contractor or specialty journeyman outside the scope of the specialty certificate of competency. ()

05. Fees, Permits, and Inspections. Failure to obtain a required permit, pay applicable fees, properly post a plumbing permit, or request an inspection of all pipes, fittings, valves, vents, fixtures, appliances, appurtenances, and water treatment installations or repairs. ()

06. Corrections. Failure to make corrections in the time allotted in the notice on any plumbing installation as set forth in Section 54-2625, Idaho Code. ()

07. Gross Violation. In the case of continued, repeated or gross violation of Title 54, Chapter 26, Idaho Code, or this chapter, disciplinary action shall be initiated against certificate holders under this chapter or the matter shall be referred for prosecution. ()

402. -- 999. (RESERVED)