

Dear Senators PATRICK, Martin, Schmidt, and
Representatives BARBIERI, Clow, Smith:

The Legislative Services Office, Research and Legislation, has received the enclosed rules of the
Division of Building Safety:

IDAPA 07.03.01 - Rules of Building Safety - Proposed Rule (Docket No. 07-0301-1601);

IDAPA 07.05.01 - Rules of the Public Works Contractors License Board - Proposed Rule (Docket
No. 07-0501-1601).

Pursuant to Section 67-454, Idaho Code, a meeting on the enclosed rules may be called by the
cochairmen or by two (2) or more members of the subcommittee giving oral or written notice to Research
and Legislation no later than fourteen (14) days after receipt of the rules' analysis from Legislative
Services. The final date to call a meeting on the enclosed rules is no later than 10/26/2016. If a meeting is
called, the subcommittee must hold the meeting within forty-two (42) days of receipt of the rules' analysis
from Legislative Services. The final date to hold a meeting on the enclosed rules is 11/23/2016.

The germane joint subcommittee may request a statement of economic impact with respect to a
proposed rule by notifying Research and Legislation. There is no time limit on requesting this statement,
and it may be requested whether or not a meeting on the proposed rule is called or after a meeting has
been held.

To notify Research and Legislation, call 334-4834, or send a written request to the address on the
memorandum attached below.



Eric Milstead
Director

Legislative Services Office

Idaho State Legislature

Serving Idaho's Citizen Legislature

MEMORANDUM

TO: Rules Review Subcommittee of the Senate Commerce & Human Resources Committee and the House Business Committee

FROM: Principal Legislative Research Analyst - Ryan Bush

DATE: October 6, 2016

SUBJECT: Division of Building Safety

IDAPA 07.03.01 - Rules of Building Safety - Proposed Rule (Docket No. 07-0301-1601)

IDAPA 07.05.01 - Rules of the Public Works Contractors License Board - Proposed Rule (Docket No. 07-0501-1601)

(1) 07.03.01 - Rules of Building Safety - Proposed Rule (Docket No. 07-0301-1601)

The Division of Building Safety submits notice of proposed rulemaking at IDAPA 07.03.01 - Rules of Building Safety. The proposed rule updates an incorporation by reference of the International Building Code. The Division states that the 2015 commercial building and energy codes have been adopted while the standards of the residential building and energy codes are maintained at the existing 2012 level.

The Division states that negotiated rulemaking was conducted and that notice was published in the March edition of the Idaho Administrative Bulletin, Vol. 16-3, pages 13-14. There is no fiscal impact associated with this rulemaking.

The proposed rule appears to be within the statutory authority granted to the Division in Section 39-4107, Idaho Code.

(2) 07.05.01 - Rules of the Public Works Contractors License Board - Proposed Rule (Docket No. 07-0501-1601)

The Division of Building Safety submits notice of proposed rulemaking at IDAPA 07.05.01 - Rules of the Public Works Contractors License Board. For the Type 4 specialty construction category of "13800 Instrumentation and Controls", this proposed rule accounts for the installation of certain electrical wires, equipment and apparatus to convey electrical current.

The Division states that negotiated rulemaking was not conducted because the rule is simple in nature. There is no fiscal impact associated with this rulemaking.

The proposed rule appears to be within the statutory authority granted to the Division in Section 54-1907, Idaho Code.

Mike Nugent, Manager
Research & Legislation

Cathy Holland-Smith, Manager
Budget & Policy Analysis

April Renfro, Manager
Legislative Audits

Glenn Harris, Manager
Information Technology

cc: Division of Building Safety
Steve Keys

IDAPA 07 - DIVISION OF BUILDING SAFETY

07.03.01 - RULES OF BUILDING SAFETY

DOCKET NO. 07-0301-1601

NOTICE OF RULEMAKING - PROPOSED RULE

AUTHORITY: In compliance with Section 67-5221(1), Idaho Code, notice is hereby given that this agency has initiated proposed rulemaking procedures. The action is authorized pursuant to Sections 39-4107 and 39-4109, Idaho Code.

PUBLIC HEARING SCHEDULE: Public hearing(s) concerning this rulemaking will be scheduled if requested in writing by twenty-five (25) persons, a political subdivision, or an agency, not later than October 19, 2016.

The hearing site(s) will be accessible to persons with disabilities. Requests for accommodation must be made not later than five (5) days prior to the hearing, to the agency address below.

DESCRIPTIVE SUMMARY: The following is a nontechnical explanation of the substance and purpose of the proposed rulemaking:

Adoption of the 2015 editions of the International Building Code, the International Existing Building Code, and the commercial provisions of the International Energy Conservation Code was the result of negotiated rulemaking involving the building industry, building officials, design professionals, energy specialists, and other interested stakeholders. Significant changes to the commercial building codes have been made since the last edition was published relating to health and safety concerns and technological advancements. Many of the changes streamline or simplify the application of the code. Several changes reduce requirements or expand options. These codes correlate with the latest published product and installation industry standards. Notably, while the 2015 commercial building and energy codes have been adopted, the Board determined through the negotiated rulemaking process to maintain the standards of the residential building and energy codes at the existing 2012 code level.

This rulemaking would result in the incorporation by reference of the following codes for Idaho that are herein incorporated by reference: the 2015 International Building Code (IBC), 2015 International Existing Building Code (IEBC), and the commercial provisions of the 2015 International Energy Conservation Code which serves as the basis for the Idaho Energy Conservation Code. Further amendments to the 2015 IBC include adding lodging houses with five or fewer guest rooms to the R-3 residential occupancy, retaining existing amendments requiring drinking fountains in occupancies with an occupant load of more than 30 persons, and service sinks in business and mercantile occupancies with an occupancy load of more than 30 persons except for restaurants. Finally, it adds an exception to the commercial energy code for certain air filtration and treatment systems where requiring economizers to draw outside cool air would not be feasible.

FEE SUMMARY: The following is a specific description of the fee or charge imposed or increased: N/A

FISCAL IMPACT: The following is a specific description, if applicable, of any negative fiscal impact on the state general fund greater than ten thousand dollars (\$10,000) during the fiscal year resulting from this rulemaking:

This rulemaking is not expected to impact the General Fund, but is expected to increase short-term cost to code jurisdictions for code materials and training of inspectors. Amendments to the new commercial building and energy codes will result in some decreases in cost to building contractors and owners.

NEGOTIATED RULEMAKING: Pursuant to Section 67-5220(1), Idaho Code, negotiated rulemaking was conducted. The Notice of Intent to Promulgate Rules - Negotiated Rulemaking was published in the March 2, 2016 Idaho Administrative Bulletin, [Vol. 16-3, pages 13-14](#).

INCORPORATION BY REFERENCE: Pursuant to Section 67-5229(2)(a), Idaho Code, the following is a brief synopsis of why the materials cited are being incorporated by reference into this rule:

This rulemaking adopts the 2015 International Building Code (IBC), 2015 International Existing Building Code (IEBC), and the commercial provisions of the 2015 International Energy Conservation Code which serve as the basis for the Idaho Energy Conservation Code. Further amendments to the 2015 IBC include adding lodging houses with

five or fewer guest rooms to the R-3 residential occupancy, retaining existing amendments requiring drinking fountains in occupancies with an occupant load of more than 30 persons, and service sinks in business and mercantile occupancies with an occupancy load of more than 30 persons except for restaurants. Finally, it adds an exception to the commercial energy code for certain air filtration and treatment systems where requiring economizers to draw outside cool air would not be feasible.

ASSISTANCE ON TECHNICAL QUESTIONS, SUBMISSION OF WRITTEN COMMENTS: For assistance on technical questions concerning the proposed rule, contact Steve Keys, Deputy Administrator – Operations, at (208) 332-8986.

Anyone may submit written comments regarding this proposed rulemaking. All written comments must be directed to the undersigned and must be delivered on or before October 26, 2016.

DATED this 2nd day of September, 2016.

Steve Keys, Deputy Administrator – Operations
Division of Building Safety
1090 E. Watertower St., Ste. 150
P. O. Box 83720
Meridian, ID 83642
Phone: (208) 332-8986
Fax: (877) 810-2840

THE FOLLOWING IS THE PROPOSED TEXT OF DOCKET NO. 07-0301-1601
(Only Those Sections With Amendments Are Shown.)

004. ADOPTION AND INCORPORATION BY REFERENCE.

Under the provisions of Section 39-4109, Idaho Code, the codes enumerated in this Section are hereby adopted and incorporated by reference into IDAPA 07.03.01, “Rules of Building Safety,” Division of Building Safety. Pursuant to Section 39-4109, Idaho Code, the effective date of any edition of the codes adopted in this Section, or any amendments identified thereto, shall be January 1 of the succeeding year following legislative approval of the rulemaking establishing the edition or amendment. Copies of these documents may be reviewed at the office of the Division of Building Safety. The referenced codes may be obtained from International Code Council, 5360 Workman Mill Road, Whittier, California 90601-2298 or the International Code Council at <http://www.iccsafe.org>. (3-20-14)

01. International Building Code. 201~~2~~⁵ Edition with the following amendments: ~~(4-4-13)~~()

a. Delete section 305.2.3 and replace with the following: Twelve (12) or fewer children in a dwelling unit. A facility such as the above within a dwelling unit and having twelve (12) or fewer children receiving such day care shall be classified as a Group R-3 occupancy or shall comply with the International Residential Code. (3-20-14)

b. Delete section 308.6.4 and replace with the following: Persons receiving care in a dwelling unit. A facility such as the above within a dwelling unit and having twelve (12) or fewer children receiving day care or having five (5) or fewer persons receiving custodial care shall be classified as a Group R-3 occupancy or shall comply with the International Residential Code. (3-20-14)

c. Delete section 310.5 and replace with the following: Residential Group R-3. Residential **Group R-3** occupancies where the occupants are primarily permanent in nature and not classified as Group R-1, R-2, R-4, E or I, including: ~~(3-20-14)~~()

- i. Buildings that do not contain more than two (2) dwelling units; (3-20-14)
- ii. Boarding houses (nontransient) with sixteen (16) or fewer occupants; (3-20-14)
- iii. Boarding houses (transient) with ten (10) or fewer occupants; (3-20-14)
- iv. Care facilities that provide accommodations for five (5) or fewer persons receiving care; (3-20-14)
- v. Congregate living facilities (nontransient) with sixteen (16) or fewer occupants; (3-20-14)
- vi. Congregate living facilities (transient) with ten (10) or fewer occupants; or (3-20-14)
- vii. Dwelling units providing day care for twelve (12) or fewer children. (3-20-14)
- viii. Lodging houses with five (5) or fewer guest rooms. ()**
- d.** Delete section 310.5.1 and replace with the following: Care facilities within a dwelling. Care facilities for twelve (12) or fewer children receiving day care or for five (5) or fewer persons receiving care that are within a single-family dwelling are permitted to comply with the International Residential Code. (3-20-14)
- e.** ~~Amend IBC section 907.2.3—Group E as follows:~~ (3-25-16)
 - ~~i. Delete exception No. 1 contained under IBC section 907.2.3—Group E, and replace with the following: A manual fire alarm system is not required in Group E occupancies with an occupant load of fifty (50) or less. (3-25-16)~~
 - ~~ii. Add the following as exception No. 2 under IBC section 907.2.3—Group E: Emergency voice/alarm communication systems meeting the requirements of Section 907.5.2.2, and installed in accordance with Section 907.6 shall not be required in Group E occupancies with occupant loads of one hundred (100) or less, provided that activation of the manual fire alarm system initiates an approved occupant notification signal in accordance with Section 907.5. (3-25-16)~~
 - ~~iii. Re-number exception No. 2 as exception No. 3 under IBC section 907.2.3—Group E. (3-25-16)~~
 - ~~iv. Delete exception No. 3 and replace with the following as exception No 4: Manual fire alarm boxes shall not be required in Group E occupancies where all of the following apply: (3-25-16)
 - ~~(1) 4.1 The building is equipped throughout with an approved automatic sprinkler system installed in accordance with Section 903.3.1.1. (3-25-16)~~
 - ~~(2) 4.2 The emergency voice/alarm communication system will activate on sprinkler waterflow. (3-25-16)~~
 - ~~(3) 4.3 Manual activation is provided from a normally occupied location. (3-25-16)~~~~
- fe.** ~~Delete Add footnote (f) contained under in the header row of the table column labeled “Drinking Fountains” of Table 2902.1 Minimum Number of Required Plumbing Fixtures, and replace with add footnote (f) under Table 2902.1 to state the following: Drinking fountains are not required for an occupant load of thirty (30) or fewer. (4-4-13)()~~
- gf.** Delete footnote (~~ge~~) contained under Table 2902.1 Minimum Number of Required Plumbing Fixtures and replace with the following: For business occupancies, excluding restaurants, and mercantile occupancies with an occupant load of thirty (30) or fewer, service sinks shall not be required. (3-20-14)()
- 02. International Residential Code.** 2012 Edition with the following amendments: (3-20-14)
 - a.** Delete exception No. 1 contained under IRC section R101.2 - Scope. (3-20-14)

b. Delete exception No. 2 contained under IRC section R101.2 - Scope, and replace with the following: Owner-occupied lodging houses with five (5) or fewer guestrooms shall be permitted to be constructed in accordance with the International Residential Code for One- and Two-family Dwellings. (4-11-15)

c. Delete item No. 7 contained under the “Building” subsection of IRC section R105.2 - Work exempt from permit, and replace with the following: Prefabricated swimming pools that are not greater than four (4) feet (one thousand, two hundred nineteen (1219) mm) deep. (4-7-11)

d. Add the following item No. 11 at the end of the “Building” subsection of IRC section R105.2 - Work exempt from permit: Flag poles. (3-20-14)

e. Delete IRC section R109.1.3 and replace with the following: Floodplain inspections. For construction in areas prone to flooding as established by Table R301.2(1), upon placement of the lowest floor, including basement, the building official is authorized to require submission of documentation of the elevation of the lowest floor, including basement, required in section R322. (3-29-10)

f. IRC Table R302.1(1) Exterior Walls -- delete Table R302.1(1) and replace with the following:

TABLE R302.1(1)
EXTERIOR WALLS

EXTERIOR WALL ELEMENT		MINIMUM FIRE-RESISTANCE RATING	MINIMUM FIRE SEPARATION DISTANCE
Walls	Fire-resistance rated	1 hour-tested in accordance with ASTM E 119 or UL263 with exposure from both sides	< 3 feet
	Not fire-resistance rated	0 hours	≥ 3 feet
Projections	Fire-resistance rated	1 hour on the underside	≥ 2 feet to < 3 feet
	Not fire-resistance rated	0 hours	≥ 3 feet
Openings in Walls	Not allowed	N/A	< 3 feet
	25% maximum of wall area	0 hours	≥ 3 feet to < 5 feet
	Unlimited	0 hours	5 feet
Penetrations	All	Comply with Section R302.4	< 3 feet
		None required	≥ 3 feet

For SI: 1 foot = 304.8 mm.
 N/A = Not Applicable

(4-11-15)

g. Delete the exception contained under IRC section R302.2 -- Townhouses, and replace with the following two (2) exceptions: (3-25-16)

i. When provided with an automatic fire sprinkler system per section R313.1, a common one (1)-hour fire-resistance-rated wall assembly tested in accordance with ASTM E 119 or UL 263 is permitted for townhouses if such walls do not contain plumbing or mechanical equipment, ducts, or vents in the cavity of the common wall. The wall shall be rated for fire exposure from both sides, and shall extend to and be tight against exterior walls and the underside of the roof sheathing. Penetrations of electrical outlet boxes shall be in accordance with Section R302.4. (3-25-16)

ii. Two (2) one (1)-hour fire-resistance-rated wall assemblies (as specified in Section R302.1) or a common two (2)-hour fire-resistance-rated wall assembly tested in accordance with ASTM E 119 or UL 263 are permitted for townhouses. If two (2) one (1)-hour fire-resistance-rated walls are used, plumbing and electrical installations within the wall cavity shall conform to fire-resistance penetration requirements in accordance with section R302.4 through R302.4.2 for each of the two (2) one (1)-hour rated walls penetrated. The two (2)-hour fire-resistance-rated common wall shall not contain plumbing or mechanical equipment, ducts or vents within its wall cavity. The wall shall be rated for fire exposure from both sides, and shall extend to and be tight against the exterior walls and the underside of the roof sheathing. Penetrations of electrical outlet boxes shall be in accordance with Section R302.4. (3-25-16)

h. Delete IRC section R303.4 and replace with the following: R303.4 Mechanical Ventilation. Dwelling units shall be provided with whole-house mechanical ventilation in accordance with Section M1507.3

Exception: Where the air infiltration rate of a dwelling unit is equal to 5 air changes per hour or greater when tested with a blower door at a pressure of 0.2 inch w.c. (50 pa) in accordance with Section N1102.4.1.2. (4-11-15)

i. Delete the exception contained under IRC section R313.1 -- Townhouse automatic fire sprinkler systems, and replace with the following: Exception: Automatic residential fire sprinkler systems shall not be required in townhouses where either two (2) one (1)-hour fire-resistance-rated walls or a common two (2)-hour fire-resistance rated wall, as specified in exception 2 of section R302.2 is installed between dwelling units or when additions or alterations are made to existing townhouses that do not have an automatic residential fire sprinkler system installed. (3-25-16)

j. Delete IRC section R313.2. (3-29-10)

k. Add the following to IRC section R315.3 - Where required in existing dwellings: Exceptions: 1. Work involving the exterior surfaces of dwellings, such as, but not limited to, replacement of roofing or siding, or the addition or replacement of windows or doors, or the addition of a porch or deck or electrical permits, are exempt from the requirements of this section; and 2. Installation, alteration or repairs of noncombustion plumbing or mechanical systems are exempt from the requirements of this section. (3-20-14)

l. Delete IRC section R322.1.10. (3-29-10)

m. Delete IRC section R322.2.2 subparagraph 2.2, and replace with the following: The total net area of all openings shall be at least one (1) square inch (645 mm²) for each square foot (0.093 m²) of enclosed area, or the opening shall be designed and the construction documents shall include a statement that the design and installation of the openings will provide for equalization of hydrostatic flood forces on exterior walls by allowing the automatic entry and exit of floodwaters. (3-20-14)

n. Delete IRC section R501.3 and its exceptions. (3-20-14)

o. Delete IRC section R602.10 and replace with the following: Wall bracing. Buildings shall be braced in accordance with this section or, when applicable section R602.12, or the most current edition of APA System Report SR-102 as an alternate method. Where a building, or portion thereof, does not comply with one (1) or more of the bracing requirements in this section, those portions shall be designated and constructed in accordance with section R301.1. (3-20-14)

p. Chapter 11 [RE] Energy Efficiency - The following sections and tables of chapter 11 shall be amended in accordance with the requirements contained below in Subsection 004.04 of these rules which correspond to the appropriate section: (3-20-14)

i. Table N1102.1.1 (Table R402.1.1) - Insulation and Fenestration Requirements by Component; (3-20-14)

ii. Table N1102.1.3 (Table R402.1.3 - Equivalent U-Factors; (3-20-14)

iii. Table N1102.2.6 (Table R402.2.6) - Steel-Frame Ceiling, Wall and Floor Insulation (R-Value);

- (3-20-14)
- iv. Section N1102.4.1 (R402.4.1) Building Thermal Envelope; (3-20-14)
- v. Section N1102.4.1.1 (R402.4.1.1) - Insulation; (3-20-14)
- vi. Table N1102.4.1.1 (Table R402.4.1.1) - Air Barrier and Insulation Installation; (3-20-14)
- vii. Section N1102.4.1.2 (R402.4.1.2) Testing Option; (3-20-14)
- viii. Add Section N1102.4.1.3 (R402.4.1.3) - Visual Inspection Option; (3-20-14)
- ix. Add Section N1102.6 (R402.6) - Residential Log Home Thermal Envelope; (3-20-14)
- x. Add Table N1102.6 (Table R402.6) - Log Home Prescriptive Thermal Envelope Requirements by Component; and (3-20-14)
- xi. Section N1104.1 (R404.1) - Lighting Equipment. (3-20-14)
- 03. International Existing Building Code. 2012~~5~~ Edition. (~~4-4-13~~)()**
- 04. International Energy Conservation Code. 2012~~5~~ Edition with the following amendments: (~~3-20-14~~)()**
 - a.** Delete the Residential Provisions of the 2015 International Energy Conservation Code (IECC) set forth in chapters 1 [RE] through 6 [RE], including Appendix RA (pages R-1 through R-57), and replace with the Residential Provisions of the 2012 IECC set forth therein in chapters 1 [RE] through 5 [RE] (pages R-1 through R-47) and as such provisions may be further amended herein these rules. ()
 - b.** Add the following as new subsection C101.5.3: Industrial, electronic, and manufacturing equipment. Buildings or portions thereof that are heated or cooled exclusively to maintain the required operating temperature of industrial, electronic, or manufacturing equipment shall be exempt from the provisions of this code. Such buildings or portions thereof shall be separated from connected conditioned space by building thermal envelope assemblies complying with this code. (3-25-16)
 - c.** Add the following exception No. (10) under section C403.3 Economizers (Prescriptive): Unusual outdoor air contaminate conditions – Systems where special outside air filtration and treatment for the reduction and treatment of unusual outdoor contaminants, makes an air economizer infeasible. ()
 - d.** Delete the values contained in Table R402.1.1 (Table N1102.1.1) for climate zone “5 and Marine 4” and climate zone “6” and replace with the following: (3-20-14)

TABLE R402.1.1 INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT										
Climate Zone	Fenestration U- Factor	Skylight U-factor	Glazed Fenestration SHGC	Ceiling R-Value	Wood Frame Wall R-Value	Mass Wall R-Value	Floor R-Value	Basement Wall R-Value	Slab R-Value	Crawlspace Wall R-Value
5 and Marine 4	0.35	0.60	NR	38	20 or 13+5 ^h	13/17	30 ^g	10/13	10, 2 ft	10/13
6	0.35	0.60	NR	49	20 or 13+5 ^h	15/19	30 ^g	15/19	10, 4 ft	10/13

(3-20-14)

ee. Add the following footnote to the title of Table R402.1.1 - Insulation and Fenestration Requirements by Component: ^k For residential log home building thermal envelope construction requirements see section R402.6. (3-25-16)

ff. Delete the values contained in Table R402.1.3 (Table N1102.1.3) for climate zone “5 and Marine 4” and climate zone “6” and replace with the following:

TABLE R402.1.3 EQUIVALENT U-FACTORS								
Climate Zone	Fenestration U-factor	Skylight U-factor	Ceiling R-Value	Wood Frame Wall R-Value	Mass Wall R-Value	Floor R-Value	Basement Wall R-Value	Crawlspace Wall R-Value
5 and Marine 4	0.35	0.60	0.030	0.057	0.082	0.033	0.059	0.065
6	0.35	0.60	0.026	0.057	0.060	0.033	0.050	0.065

(3-20-14)

eg. Delete Table R402.2.6 (Table N1102.2.6) and replace with the following:

TABLE R402.2.6 STEEL-FRAME CEILING, WALL AND FLOOR INSULATION (R-VALUE)	
Wood Frame R-value Requirement	Cold-formed Steel Equivalent R-value^a
Steel Truss Ceilings^b	
R-30	R-38 or R-30 + 3 or R-26 + 5
R-38	R-49 or R-38 + 3
R-49	R-38 + 5
Steel Joist Ceilings^b	
R-30	R-38 in 2 x 4 or 2 x 6 or 2 x 8 R-49 in any framing
R-38	R-49 in 2 x 4 or 2 x 6 or 2 x 8 or 2 x 10
Steel-Framed Wall	
R-13	R-13 + 5 or R-15 + 4 or R-21 + 3 or R-0 + 10
R-19	R-13 + 9 or R-19 + 8 or R-25 + 7
R-21	R-13 + 10 or R-19 + 9 or R-25 + 8
Steel Joist Floor	
R-13	R-19 in 2 x 6 R-19 + 6 in 2 x 8 or 2 x 10
a. Cavity insulation R-value is listed first, followed by continuous insulation R-value. b. Insulation exceeding the height of the framing shall cover the framing.	

TABLE R402.2.6	
STEEL-FRAME CEILING, WALL AND FLOOR INSULATION	
(R-VALUE)	
Wood Frame R-value Requirement	Cold-formed Steel Equivalent R-value^a
R-19	R-19 + 6 in 2 x 6 R-19 + 12 in 2 x 8 or 2 x 10
a. Cavity insulation R-value is listed first, followed by continuous insulation R-value. b. Insulation exceeding the height of the framing shall cover the framing.	

(3-25-16)

fl. Delete section R402.4.1 (N1102.4.1) and replace with the following: Building thermal envelope. The building thermal envelope shall comply with sections R402.1.1 and either section R402.4.1.2 or R402.4.1.3. The sealing methods between dissimilar materials shall allow for differential expansion and contraction. (3-25-16)

si. Delete section R402.4.1.1 (N1102.4.1.1) and replace with the following: Installation. The components of the building thermal envelope as listed in Table R402.4.1.1 shall be installed in accordance with the manufacturer’s instructions and the criteria listed in Table R402.4.1.1, as applicable to the method of construction. (3-25-16)

ki. Delete the criteria requirement for the “Fireplace” component of Table R402.4.1.1 (Table N1102.4.1.1) - Air Barrier and Insulation Installation, and replace with the following: An air barrier shall be installed on fireplace walls. (3-20-14)

ik. Delete section R402.4.1.2 (N1102.4.1.2) and replace with the following: Testing option, Building envelope tightness and insulation installation shall be considered acceptable when tested air leakage is less than seven (7) air changes per hour (ACH) when tested with a blower door at a pressure of 33.5 psf (50 Pa). Testing shall occur after rough in and after installation of penetrations of the building envelope, including penetrations for utilities, plumbing, electrical, ventilation and combustion appliances. During testing: (3-25-16)

- i. Exterior windows and doors, fireplace and stove doors shall be closed, but not sealed; (3-20-14)
- ii. Dampers shall be closed, but not sealed, including exhaust, intake, makeup air, backdraft and flue dampers; (3-20-14)
- iii. Interior doors shall be open; (3-20-14)
- iv. Exterior openings for continuous ventilation systems and heat recovery ventilators shall be closed and sealed; (3-20-14)
- v. Heating and cooling system(s) shall be turned off; (3-20-14)
- vi. HVAC ducts shall not be sealed; and (3-20-14)
- vii. Supply and return registers shall not be sealed. (3-20-14)

jl. Add the following as section R402.4.1.3 (N1102.4.1.3): Visual inspection option, Building envelope tightness and insulation installation shall be considered acceptable when the items listed in Table R402.4.1.1, applicable to the method of construction, are field verified. Where required by code official an approved party independent from the installer of the insulation shall inspect the air barrier and insulation. (3-25-16)

km. Add the following section: R402.6 (N1102.6) Residential Log Home Thermal Envelope. Residential log home construction shall comply with sections R401 (General), R402.4 (Air Leakage), R402.5

(Maximum Fenestration U-Factor and SHGC), R403.1 (Controls), R403.2.2 (Sealing), R403.2.3 (Building Cavities), sections R403.3 through R403.9 (referred to as the mandatory provisions), Section R404 (Electrical Power and Lighting Systems), and either i., ii., or iii. as follows: (3-25-16)

- i. Sections R402.2 through R402.3, R403.2.1, R404.1 and Table R402.6; (3-25-16)
- ii. Section R405 Simulated Performance Alternative (Performance); or (3-25-16)
- iii. REScheck (U.S. Department of Energy Building Codes Program). (4-7-11)

4. Add Table R402.6 (Table N1102.6) Log Home Prescriptive Thermal Envelope Requirements By Component to be used only in accordance with item i. of section R402.6 above to appear as follows:

TABLE R402.6
LOG HOME PRESCRIPTIVE THERMAL ENVELOPE REQUIREMENTS BY COMPONENT

For SI: 1 foot = 304.8 mm.

Climate Zone	Fenestration U-factor ^a	Skylight U-factor	Glazed Fenestration Shgc	Ceiling R-value	Min. Average Log Size In Inches	Floor R-value	Basement Wall R-value ^d	Slab R-value & Depth ^b	Crawl Space Wall R-value ^d
5, 6 - High efficiency equipment path ^c	0.32	0.60	NR	49	5	30	15/19	10, 4 ft.	10/13
5	0.32	0.60	NR	49	8	30	10/13	10, 2 ft.	10/13
6	0.30	0.60	NR	49	8	30	15/19	10, 4 ft.	10/13

- a. The fenestration U-factor column excludes skylights. The SHGC column applies to all glazed fenestration.
- b. R-5 shall be added to the required slab edge R-values for heated slabs.
- c. 90% AFUE natural gas or propane, 84% AFUE oil, or 15 SEER heat pump heating equipment (zonal electric resistance heating equipment such as electric base board electric resistance heating equipment as the sole source for heating is considered compliant with the high efficiency equipment path).
- d. "15/19" means R-15 continuous insulated sheathing on the interior or exterior of the home or R-19 cavity insulation at the interior of the basement wall. "15/19" shall be permitted to be met with R-13 cavity insulation on the interior of the basement wall plus R-5 continuous insulated sheathing on the interior or exterior of the home. "10/13" means R-10 continuous insulated sheathing on the interior or exterior of the home or R-13 cavity insulation at the interior of the basement wall.

(3-25-16)

5. Delete section R404.1 (N1104.1) and replace with the following: Lighting equipment (Mandatory). A minimum of fifty percent (50%) of the lamps in permanently installed lighting fixtures shall be high-efficacy lamps or a minimum of fifty percent (50%) of the permanently installed lighting fixtures shall contain only high efficacy lamps. (3-20-14)

05. References to Other Codes. Where any provisions of the codes that are adopted in this Section make reference to other construction and safety-related model codes or standards which have not been adopted by the involved authority having jurisdiction, to the extent possible, such reference should be construed as pertaining to the equivalent code or standard that has been duly adopted by such jurisdiction. (3-29-10)

INCORPORATION BY REFERENCE SYNOPSIS

In compliance with Section 67-5223(4), Idaho Code, the following is a synopsis of the differences between the materials previously incorporated by reference in this rule that are currently of full force and effect and newly revised or amended versions of these same materials that are being proposed for incorporation by reference under this rulemaking.

The following agency of the state of Idaho has prepared this synopsis as part of the proposed rulemaking for the chapter cited here under the docket number specified:

DIVISION OF BUILDING SAFETY
IDAPA 07.01.06 - Rules of Building Safety
Proposed Rulemaking - Docket No. 07-0301-1601

This rulemaking adopts the 2015 International Building Code (IBC), 2015 International Existing Building Code (IEBC), and the commercial provisions of the 2015 International Energy Conservation Code which serve as the basis for the Idaho Energy Conservation Code. Further amendments to the 2015 IBC include adding lodging houses with five or fewer guest rooms to the R-3 residential occupancy, retaining existing amendments requiring drinking fountains in occupancies with an occupant load of more than 30 persons, and service sinks in business and mercantile occupancies with an occupancy load of more than 30 persons except for restaurants. Finally, it adds an exception to the commercial energy code for certain air filtration and treatment systems in which it would not be feasible to require economizers to draw outside cool air. A copy of the Table of Contents and an index identifying significant changes to the 2015 IBC is attached to this summary. Additionally, the Table of Contents for the 2015 IEBC, and the commercial provisions of the 2015 IECC is also attached. More detailed information about any change to these codes may be available upon request to the Division of Building Safety.

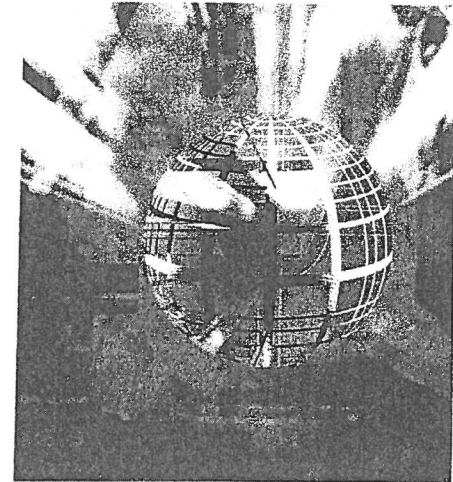
SIGNIFICANT CHANGES TO THE
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5 Edition

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R. Henry, P.E.
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IDAPA 07 - DIVISION OF BUILDING SAFETY

07.05.01 - RULES OF THE PUBLIC WORKS CONTRACTORS LICENSE BOARD

DOCKET NO. 07-0501-1601

NOTICE OF RULEMAKING - PROPOSED RULE

AUTHORITY: In compliance with Section 67-5221(1), Idaho Code, notice is hereby given that this agency has initiated proposed rulemaking procedures. The action is authorized pursuant to Sections 54-1904 and 54-1907, Idaho Code.

PUBLIC HEARING SCHEDULE: Public hearing(s) concerning this rulemaking will be scheduled if requested in writing by twenty-five (25) persons, a political subdivision, or an agency, not later than October 19, 2016.

The hearing site(s) will be accessible to persons with disabilities. Requests for accommodation must be made not later than five (5) days prior to the hearing, to the agency address below.

DESCRIPTIVE SUMMARY: The following is a nontechnical explanation of the substance and purpose of the proposed rulemaking:

The installation, alteration, or repair of instrumentation and controls for various mechanical systems typically involves the installation of electrical wires, equipment, and apparatus to convey electrical current. Accordingly, an electrical license, or specialty electrical license, as well as a public works contractor's specialty construction electrical license are required to lawfully perform such installations on public works projects.

FEE SUMMARY: The following is a specific description of the fee or charge imposed or increased: N/A

FISCAL IMPACT: The following is a specific description, if applicable, of any negative fiscal impact on the state general fund greater than ten thousand dollars (\$10,000) during the fiscal year resulting from this rulemaking: N/A

NEGOTIATED RULEMAKING: Pursuant to Section 67-5220(2), Idaho Code, negotiated rulemaking was not conducted because the rulemaking is simple in nature. This rulemaking was brought forward by an affected public works specialty contractor licensed in this category, and discussed at several Public Works Contractors License Board meetings in the past year. The rule simply clarifies the scope of permissible work allowed by the instrumentation and controls specialty license by indicating that any electrical installation work must be done by licensees who possess the appropriate underlying electrical license and a public works electrical specialty license.

INCORPORATION BY REFERENCE: Pursuant to Section 67-5229(2)(a), Idaho Code, the following is a brief synopsis of why the materials cited are being incorporated by reference into this rule: N/A

ASSISTANCE ON TECHNICAL QUESTIONS, SUBMISSION OF WRITTEN COMMENTS: For assistance on technical questions concerning the proposed rule, contact Steve Keys at (208) 332-8986.

Anyone may submit written comments regarding this proposed rulemaking. All written comments must be directed to the undersigned and must be delivered on or before October 26, 2016.

DATED this 23rd day of August, 2016.

Steve Keys, Deputy Administrator – Operations
Division of Building Safety
1090 E. Watertower St., Ste. 150
P. O. Box 83720
Meridian, ID 83542
Phone: (208) 332-8986
Fax: (877) 810-2840

THE FOLLOWING IS THE PROPOSED TEXT OF DOCKET NO. 07-0501-1601
(Only Those Sections With Amendments Are Shown.)

200. TYPE 4-SPECIALTY CONSTRUCTION CATEGORIES.

A license for Type 4-Specialty Construction shall list one (1) or more specialty construction categories to which the license is restricted. Categories and their definitions are: (4-6-05)

01. 01107 Engineering. A specialty contractor whose primary business includes providing engineering and design services such as civil, electrical, mechanical, and structural. (4-6-05)

02. 01541 Scaffolding and Shoring. A specialty contractor whose primary business is the installation of any temporary elevated platform and its supporting structure used for supporting workmen or materials or both, and props or posts of timber or other material in compression used for the temporary support of excavations, formwork or unsafe structures; the process of erecting shoring. (4-6-05)

03. 01542 Craning and Erection. A specialty contractor whose primary business includes the art, ability and skill to safely control the workings of a crane in such a manner that building materials, supplies, equipment and structural work can be raised and set in a final position. (4-6-05)

04. 01550 Construction Zone Traffic Control. A specialty contractor whose primary business is the installation or removal of temporary lane closures, flagging or traffic diversions, utilizing pilot cars, portable devices such as cones, delineators, barricades, sign stands, flashing beacons, flashing arrow trailers, and changeable message signs on roadways, public streets and highways or public conveyances. (4-6-05)

05. 01570 Temporary Erosion and Sediment Controls. A specialty contractor whose primary business includes the ability and expertise to install silt fencing or other similar devices to prevent erosion and contain silt. (4-6-05)

06. 02110 Excavation, Removal and Handling of Hazardous Material. A specialty contractor whose primary business includes the excavation and removal of toxic and hazardous site materials. Contractors must be properly licensed and certified if required. (4-6-05)

07. 02115 Removal of Underground Storage Tanks. A specialty contractor whose primary business includes, but is not limited to, the excavation, removal, cleanup, and disposal of underground storage tanks that have contained petrochemical type fuels. This work should include the sampling and testing of surrounding materials and filing of closure documents. (4-6-05)

08. 02195 Environmental Remediation, Restoration and Soil Stabilization. A specialty contractor whose primary business is the remediation and restoration of contaminated environmental sites. (4-6-05)

09. 02210 Drilling. A specialty contractor whose primary business includes practical elementary knowledge of geology and hydrology; the art, ability, knowledge, science and expertise to bore, drill, excavate, case, pack or cement by use of standard practices, including the use of diamond bits, cable tools, percussion, air percussion, rotary, air rotary, reverse circulation rotary methods or jetting. (4-6-05)

10. 02220 Demolition. A specialty contractor whose primary business includes the ability and expertise to demolish all types of buildings or structures and to remove all of such buildings or structures from the premises, and maintain the premises surrounding demolition site safely for passing public. (4-6-05)

11. 02230 Site Clearing. A specialty contractor whose primary business includes the ability and expertise to remove and dispose of all trees, brush, shrubs, logs, windfalls, stumps, roots, debris and other obstacles in preparation for excavation of a construction site or other uses. (4-6-05)

12. **02231 Logging.** A specialty contractor whose primary business and expertise includes the clearing, cutting, removal and transportation of logs and trees and the construction of temporary roads and structures for such operations along with any reclamation work associated with such operations. (4-6-05)
13. **02232 Tree Removal and Trimming.** A specialty contractor whose primary business includes pruning, removal, or guying of trees, limbs, stumps, and bushes including grinding and removal of such items. (4-6-05)
14. **02240 Dewatering and Subsurface Drainage.** A specialty contractor whose primary business is to control the level and flow of subsurface water. (4-6-05)
15. **02260 Earth Retention Systems, Mechanical Stabilized Earth Walls and Retaining Walls.** A specialty contractor whose primary business includes the building of earth retention systems, mechanical stabilized earth walls and retaining walls. (4-6-05)
16. **02265 Slurry Walls.** A specialty contractor whose primary business is the construction of below ground structural diaphragm walls or containment walls through the combined use of trench excavation, mud slurry and tremie concrete. (4-6-05)
17. **02270 Rockfall Mitigation and High Scaling.** A specialty contractor whose primary business is rockfall mitigation and high scaling. (4-6-05)
18. **02310 Excavation and Grading.** A specialty contractor whose primary business includes such work as digging, moving and placing material forming the surface of the earth in such manner that a cut, fill, excavation and any similar excavating operation can be done with the use of hand and power tools and machines that are used to dig, move and place that material forming the earth's surface. (4-6-05)
19. **02312 Dust Control, Dust Abatement and Dust Oiling.** A specialty contractor whose primary business is dust control, dust abatement and dust oiling. (4-6-05)
20. **02317 Rock Trenching.** A specialty contractor whose primary business is rock trenching. (4-6-05)
21. **02318 Hauling.** A specialty contractor whose primary business includes the ability and expertise to obtain or move specified materials by transportation in a vehicle. (4-6-05)
22. **02319 Blasting.** A specialty contractor whose primary business includes the use of conventional and high explosives for pre-splitting, surface, underground and underwater blasting, drill, trench, or excavate for use of explosives; priming and loading drilled, trenched or excavated areas by pipe tamping, pneumatic loading, injector loading, mud capping, slurry loading, combination of pneumatic and injector loading or hand loading; use of volt, ohms and milliamper meter (VOM) in testing blasting machine output voltage, power line voltage, measuring electric blasting cap or blasting circuit resistance, testing for current leakage, testing for AC-DC stray current and voltage, leading wires for open or short circuits, rack bar blasting machine for running short or galvanometer output voltage; use of blasting caps, electric blasting caps, delay electric blasting caps, primacord and all other detonating devices. (4-6-05)
23. **02325 Dredging.** A specialty contractor whose primary business includes the excavation or removal of earth, rock, silt, or sediment from bodies of water including but not limited to streams, lakes, rivers or bays by means of specialized equipment. (4-6-05)
24. **02404 Horizontal and Directional Earth Boring, Trenching and Tunneling.** A specialty contractor whose primary business and expertise includes boring, trenching or tunneling. (4-6-05)
25. **02450 Drilled Piers, Pile Driving, Caisson Drilling, Geopier and Helical Piers.** A specialty contractor whose primary business includes drilling piers, pile driving, caisson drilling, Geopier and helical piers. (4-6-05)

26. 02500 Utilities. A specialty contractor whose primary business includes the construction and installation of pipe lines for the transmission of sewage, gas and water, including minor facilities incidental thereto; installation of electrical poles, towers, arms, transformers, fixtures, conduits, conductors, switch gear, grounding devices, panels, appliances and apparatus installed outside of buildings; including excavating, trenching, grading, back fill, asphalt patching as well as all necessary work and installation of appurtenances in connection therewith. (4-6-05)

27. 02520 Well Drilling. A specialty contractor whose primary business includes the practical elementary knowledge of geology, hydrology, the occurrence of water in the ground, water levels in wells, the prevention of surface and sub-surface contamination and pollution of the ground water supply; and the art, ability, experience, knowledge, science, and expertise to bore, drill, excavate, case, screen, cement, clean and repair water wells; or to do any or any combination of any or all such boring, drilling, excavating, casing, cementing, cleaning and repairing with hand or power tools or rigs, including the installation and repair of pumps. (4-6-05)

28. 02580 Installation of Communication Towers. A specialty contractor whose primary business and expertise is the installation of communication towers. (4-6-05)

29. 02660 Membrane Liners for Ponds and Reservoirs. A specialty contractor whose primary business includes the installation of liners for the purpose of containment of liquids. (4-6-05)

30. 02720 Crushing. A specialty contractor whose primary business includes the ability and expertise to reduce rocks and aggregates to a smaller and uniform size and gradation to meet an agreed specification. (4-6-05)

31. 02740 Asphalt Paving. A specialty contractor whose primary business includes the installation of aggregate base course, cement treated base, bitumen treated base, asphalt concrete and the application of asphalt surfacing and surface repairs of streets, intersections, driveways, parking lots, tennis courts, running tracks, play areas; including the application or installation of primer coat, asphalt binder course, tack coating, seal coating and chips, slurry seal and chips, flush or flog coats, asphalt curbs, concrete bumper curbs, redwood headers, asphalt surface binder emulsion, asbestos and sand and acrylic color systems. (Synthetic and athletic surfacing are category 02790 Athletic and Recreational Surfaces.) Also includes crack sealing, asphalt maintenance repair and soil pulverization. (4-6-05)

32. 02761 Traffic Marking and Striping. A specialty contractor whose primary business includes the art, ability and expertise to apply markings to streets, roadways, or parking surfaces pre-designed for the use of parking or passage of vehicles by the application of directional lines, buttons, markers, and signs made of but not limited to plastic, paint, epoxies and rubber, in such manner as to provide for the channeling and controlling of the traffic flow. Also includes temporary striping. (4-6-05)

33. 02785 Asphalt Maintenance and Repair, Seal Coating, Crack Sealing and Chip Sealing. A specialty contractor whose primary business is asphalt maintenance and repair, seal coating, crack sealing and chip sealing. (4-6-05)

34. 02790 Athletic and Recreational Surfaces. A specialty contractor whose primary business is the installation of specialty surfaces including but not limited to non-wood athletic floors, tennis courts, running tracks and artificial turf. This would include any subsurface preparation such as leveling, excavation, fill and compaction or grading. The application of surfacing, mixing, spreading or placing of emulsions, binders, sand and acrylic color systems is also included along with the installation of modular, plastic athletic floors such as "Sport Court" type floors. This category does not include any type of structure required for the installation of these surfaces. (4-6-05)

35. 02810 Sprinkler and Irrigation Systems. A specialty contractor whose primary business includes the installation of types and kinds of water distribution systems for complete artificial water or irrigation of gardens, lawns, shrubs, vines, bushes, trees and other vegetation, including the trenching, excavating and backfilling in connection therewith. (Low voltage only.) (4-6-05)

36. 02820 Fencing. A specialty contractor whose primary business includes the installation and repair of any type of fencing. (4-6-05)

37. **02840 Guardrails and Safety Barriers.** A specialty contractor whose primary business includes the installation of guardrails and safety barriers (including cattle guards). (4-6-05)
38. **02850 Bridges and Structures.** A specialty contractor whose primary business includes the installation, alteration and repair of bridges and related structures, including culverts. (4-6-05)
39. **02855 Bridge Crossings and Box Culverts.** A specialty contractor whose primary business is the installation or construction, or both, of any bridge or crossing structure shorter than twenty (20) feet measured on the centerline of the roadway or trail. (4-6-05)
40. **02880 Installation of School Playground Equipment.** A specialty contractor whose primary business is the installation of school playground equipment. (4-6-05)
41. **02890 Traffic Signs and Signals.** A specialty contractor whose primary business includes the art, ability, knowledge, experience, science and expertise to fabricate, install and erect signs, including electrical signs and including the wiring of such signs. A licensed electrician must perform all the electrical work. (4-6-05)
42. **02900 Landscaping, Seeding and Mulching.** A specialty contractor whose primary business includes the preparation of plots of land for architectural, horticulture and provisions of decorative treatment and arrangement of gardens, lawns, shrubs, vines, bushes, trees and other decorative vegetation; construction of conservatories, hot and green houses, drainage and sprinkler systems, and ornamental pools, tanks, fountains, walls, fences and walks, arrange, fabricate and place garden furniture, statuary and monuments in connection therewith. (4-6-05)
43. **02910 Slope Stabilization, Hydroseeding, Hydromulching, Native Plant Revegetation for Erosion Control.** A specialty contractor whose primary business is slope stabilization, including necessary tillage and plant bed preparation using hydroseeding, hydromulching and native plant revegetation for erosion control. (4-6-05)
44. **02935 Landscape Maintenance.** A specialty contractor whose primary business and expertise includes the maintenance of existing lawns, gardens, and sprinkler systems. This would include mowing, weeding, fertilization, pest control and minor repair or relocation of sprinkler systems. (4-6-05)
45. **02937 Pest Control, Sterilization and Herbicide Applications.** A specialty contractor whose primary business includes the mixing, transportation and application of fertilizers, pesticides, herbicides, and sterilization chemicals for the control of insects, pests and weeds. (4-6-05)
46. **02955 Pipeline Cleaning, Sealing, Lining and Bursting.** A specialty contractor whose primary business and expertise includes cleaning, sealing, lining and bursting pipelines. (4-6-05)
47. **02965 Cold Milling, Rumble Strip Milling, Asphalt Reclaiming and Pavement Surface Grinding.** A specialty contractor whose primary business includes cold milling, rumble strip milling, asphalt reclaiming and pavement surface grinding. (4-6-05)
48. **02990 Structural Moving.** A specialty contractor whose primary business includes but is not limited to raising, lowering, cribbing, underpinning and moving of buildings or structures. This does not include the alterations, additions, repairs or rehabilitation of the retained portion of the structure. (4-6-05)
49. **03200 Concrete Reinforcing Rebar Installation.** A specialty contractor whose primary business includes the ability and expertise to fabricate, place and tie steel mesh or steel reinforcing bars or rods of any profile, perimeter or cross-section that are or may be used to reinforce concrete. (4-6-05)
50. **03300 Concrete.** A specialty contractor whose primary business includes the ability and expertise to process, proportion, batch and mix aggregates consisting of sand, gravel, crushed rock or other inert materials having clean uncoated grains of strong and durable minerals, cement and water or to do any part or any combination of any thereof, in such a manner that acceptable mass, pavement, flat and other cement and concrete work can be poured, placed, finished and installed, including the placing, forming and setting of screeds for pavement or flat

work. Also includes concrete sidewalks, driveways, curbs and gutters. (4-6-05)

51. 03370 Specially Placed Concrete, Concrete Pumping and Shotcreting. A specialty contractor whose primary business includes the ability and equipment necessary to deliver and install concrete, and similar materials to their final destination in buildings and structures. (4-6-05)

52. 03380 Post-Tensioned Concrete Structures or Structural Members. A specialty contractor whose primary business is the post-tensioning of structural elements using sleeved tendons of high-strength prestressing steel. (4-6-05)

53. 03500 Gypcrete. A specialty contractor whose primary business includes the ability and expertise to mix and apply gypsum concrete. (4-6-05)

54. 03600 Concrete Grouting. A specialty contractor whose primary business includes the ability and the equipment necessary to place concrete grouts. Concrete grouts are thin, fluid, shrink resistant, mortar-like materials used for filling joints and cavities and setting and anchoring items in masonry and concrete. (4-6-05)

55. 03650 Pressure Grouting and Slab Jacking. A specialty contractor whose primary business includes pressure foundation grouting and jacking and the injection of concrete or mortar into foundations for stabilization. (4-6-05)

56. 03900 Concrete Demolition, Concrete Sawing and Cutting, Core Drilling, Joint Sealing and Hydrocutting. A specialty contractor whose primary business includes concrete cutting, drilling, sawing, cracking, breaking, chipping or removal of concrete. This category also includes the caulking or sealing of joints or cracks caused by such operations. (4-6-05)

57. 04000 Masonry. A specialty contractor whose primary business includes the installation with or without the use of mortar or adhesives of brick, concrete block, adobe units, gypsum partition tile, pumice block or other lightweight and facsimile units and products common to the masonry industry. (4-6-05)

58. 04900 Chemical Cleaning and Masonry Restoration. A specialty contractor whose primary business includes the cleaning or restoration of masonry through the use of chemicals, pressure washing, sand blasting or other methods. (4-6-05)

59. 05090 Welding. A specialty contractor whose primary business causes metal to become permanently attached, joined and fabricated by the use of gases or electrical energy, developing sufficient heat to create molten metal, fusing the elements together. (4-6-05)

60. 05100 Steel Fabrication, Erection and Installation. A specialty contractor whose primary business includes the ability and expertise to fabricate, place and tie steel reinforcing bars, erect structural steel shapes and plates, of any profile, perimeter or cross-section, that are or may be used to reinforce concrete or as structural members for buildings and structures, including riveting, welding and rigging only in connection therewith, in such a manner that steel reinforcing and structural work can be fabricated and erected. (4-6-05)

61. 05700 Ornamental Metals. A specialty contractor whose primary business includes the art, ability, experience, knowledge, science and expertise to assemble, case, cut, shape, stamp, forage, fabricate and install sheet, rolled and cast, brass, bronze, copper, cast iron, wrought iron, monel metal, stainless steel, and any other metal or any combination thereof, as have been or are now used in the building and construction industry for the architectural treatment and ornamental decoration of buildings and structures, in such a manner that, under an agreed specification, acceptable ornamental metal work can be executed, fabricated and installed; but shall not include the work of a sheet metal contractor. (4-6-05)

62. 05830 Bridge Expansion Joints and Repair. A specialty contractor whose primary business and expertise is the repair of bridge expansion joints. (4-6-05)

63. 06100 Carpentry, Framing and Remodeling. A specialty contractor whose primary business includes the placing and erection of floor systems, walls, sheeting, siding, trusses, roof decking of either wood or

light gauge metal framing. This contractor also installs finish items such as running trim, sashes, doors, casing, cabinets, cases and other pre-manufactured finished items. (4-6-05)

64. 06130 Log and Heavy Timber Construction. A specialty contractor whose primary business includes the ability and expertise to build and erect log or heavy timber structures. (4-6-05)

65. 06139 Docks - Log and Wood Structures. A specialty contractor whose primary business includes the ability and expertise to construct log and wood structured docks. (4-6-05)

66. 06200 Finish Carpentry and Millwork. A specialty contractor whose primary business includes the art, ability, experience, knowledge, science and expertise to cut, surface, join, stick, glue and frame wood and wood products, in such a manner that, under an agreed specification, acceptable cabinet, case, sash, door, trim, nonbearing partition, and such other mill products as are by custom and usage accepted in the building and construction industry as millwork and fixtures, can be executed; including the placing, erecting, fabricating and finishing in buildings, structures and elsewhere of such millwork and fixtures or to do any part or any combination of any thereof. (4-6-05)

67. 07100 Waterproofing and Dampproofing. A specialty contractor whose primary business includes the ability and expertise to apply waterproofing membranes, coatings of rubber, latex, asphaltum, pitch, tar or other materials or any combination of these materials, to surfaces to prevent, hold, keep and stop water, air or steam from penetrating and passing such materials, thereby keeping moisture from gaining access to material or space beyond such waterproofing. (4-6-05)

68. 07200 Thermal Insulation. A specialty contractor whose primary business includes the installation of any insulating media in buildings and structures for the purpose of temperature control. (4-6-05)

69. 07240 Stucco and Exterior Insulation Finish Systems (EIFS). A specialty contractor whose primary business includes the ability and expertise to install Stucco and EIFS. (4-6-05)

70. 07400 Roofing and Siding. A specialty contractor whose primary business includes the ability and expertise to examine surfaces and to bring such surfaces to a condition where asphaltum, pitch, tar, felt, flax, shakes, shingles, roof tile, slate and any other material or materials or any combination thereof, that use and custom has established as usable for, or which material or materials are now used as, such waterproof, weatherproof or watertight seal for such membranes, roof and surfaces; but shall not include a contractor whose sole contracting business is the installation of devices or stripping for the internal control of external weather conditions. (4-6-05)

71. 07450 Siding and Decking. A specialty contractor whose primary business includes the application or installation of exterior siding, decking or gutters including wood, wood products, vinyl, aluminum and metal to new or existing buildings and includes wooden decks and related handrails. (This category does not include the construction or installation of covers or enclosures of any kind.) (4-6-05)

72. 07700 Sheet Metal Flashings, Roof Specialties and Accessories. A specialty contractor whose primary business includes the art, ability, experience, knowledge, science and expertise to select, cut, shape, fabricate and install sheet metal such as cornices, flashings, gutters, leaders, rainwater down spouts, pans, etc., or to do any part or any combination thereof, in such a manner that sheet metal work can be executed, fabricated and installed. (4-6-05)

73. 07800 Sprayed on Fireproofing. A specialty contractor whose primary business includes the mixing, transportation, and installation of fire proofing materials for buildings and structures. (4-6-05)

74. 07920 Caulking and Joint Sealants. A specialty contractor whose primary business includes the ability and expertise for installation of elastomeric and rigid joint sealants, caulking compounds, and related accessories. (4-6-05)

75. 08100 Doors, Gates, Specialty Doors and Activating Devices. A specialty contractor whose primary business is the installation, modification or repair of residential, commercial or industrial doors and door hardware. This includes but is not necessarily limited to wood, metal clad or hollow metal, glass, automatic,

revolving, folding and sliding doors, power activated gates, or movable sun shades/shutters. Card activated equipment and other access control devices and any low voltage electronic or manually operated door hardware devices are also a part of this category. (4-6-05)

76. 08500 Windows, Glass and Glazing. A specialty contractor whose primary business includes the art, ability, experience, knowledge and expertise to select, cut, assemble and install all makes and kinds of glass and glass work, and execute the glazing of frames, panels, sash and doors, in such a manner that under an agreed specification, acceptable glass work and glazing can be executed, fabricated and installed, and may include the fabrication or installation in any building or structure of frames, glazed-in panels, sash or doors, upon or within which such frames, glazed-in panels, sash or doors, such glass work or glazing has been or can be executed or installed. (4-6-05)

77. 09110 Steel Stud Framing. A specialty contractor whose primary business includes the ability and expertise to build or assemble steel stud framing systems. (4-6-05)

78. 09200 Lath and Plaster. A specialty contractor whose primary business includes the ability and expertise to prepare mixtures of sand, gypsum, plaster, quick-lime or hydrated lime and water or sand and cement and water or a combination of such other materials as create a permanent surface coating; including coloring for same and to apply such mixtures by use of a plaster's trowel, brush or spray gun to any surface which offers a mechanical key for the support of such mixture or to which such mixture will adhere by suction; and to apply wood or metal lath or any other materials which provide a key or suction base for the support of plaster coatings; including the light gauge metal shapes for the support of metal or other fire proof lath. Includes metal stud framing. (4-6-05)

79. 09250 Drywall. A specialty contractor whose primary business includes the ability and expertise to install unfinished and prefinished gypsum board on wood and metal framing and on solid substrates; gypsum and cementitious backing board for other finishes; accessories and trim; and joint taping and finishing. (4-6-05)

80. 09300 Tile and Terrazzo. A specialty contractor whose primary business includes the ability and expertise to examine surfaces and bring such surfaces to a condition where acceptable work can be executed and fabricated thereon by the setting of chips or marble, stone, tile or other material in a pattern with the use of cement, and to grind or polish the same. (4-6-05)

81. 09500 Acoustical Treatment. A specialty contractor whose primary business includes the installation, application, alteration and repair of all types of acoustical systems, to include acoustical ceilings, wall panels, sound control blocks and curtains, hangers, clips, inserts, nails, staples, related hardware and adhesive, lightweight framing systems and related accessories (electrical excluded), installation and repair of gypsum wall board, painting, accessories, taping and texturing. (4-6-05)

82. 09600 Flooring. A specialty contractor whose primary business includes the ability and expertise to examine surfaces, specify and execute the preliminary and preparatory work necessary for the installation of flooring, wherever installed, including wood floors and flooring (including the selection, cutting, laying, finishing, repairing, scraping, sanding, filling, staining, shellacking and waxing) and all flooring of any nature either developed as or established through custom and usage as flooring. (4-6-05)

83. 09680 Floor Covering and Carpeting. A specialty contractor whose primary business includes the installation, replacement and repair of floor covering materials, including laminates and including preparation of surface to be covered, using tools and accessories and industry accepted procedures of the craft. (4-6-05)

84. 09900 Painting and Decorating. A specialty contractor whose primary business includes the ability and expertise to examine surfaces and execute the preliminary and preparatory work necessary to bring such surfaces to a condition where acceptable work can be executed thereon with the use of paints, varnishes, shellacs, stains, waxes, paper, oilcloth, fabrics, plastics and any other vehicles, mediums and materials that may be mixed, used and applied to the surface of buildings, and the appurtenances thereto, of every description in their natural condition or constructed of any material or materials whatsoever that can be painted or hung as are by custom and usage accepted in the building and construction industry as painting and decorating. (4-6-05)

85. 09950 Sand Blasting. A specialty contractor whose primary business includes the ability and

expertise to sand blast surfaces through the use of equipment designed to clean, grind, cut or decorate surfaces with a blast of sand or other abrasive applied to such surfaces with steam or compressed air. (4-6-05)

86. 09960 Specialty Coatings. A specialty contractor whose primary business includes the surface preparation and installation of specialty coatings. (4-6-05)

87. 10150 Institutional Equipment. A specialty contractor whose primary business includes the installation, maintenance and repair of booths, shelves, laboratory equipment, food service equipment, toilet partitions, and such other equipment and materials as are by custom and usage accepted in the construction industry as institutional equipment. (4-6-05)

88. 10270 Raised Access Flooring. A specialty contractor whose primary business includes the installation of wood or metal-framed elevated computer-flooring systems. This does not include the structural floor on which the computer floor is supported or mezzanines. (4-6-05)

89. 10445 Non-Electrical Signs. A specialty contractor whose primary business includes the installation of all types of non-electrical signs, including but not limited to traffic delineators, mile post markers, post or pole supported signs, signs attached to structures, painted wall signs, and modifications to existing signs. (4-6-05)

90. 11001 Specialty Machinery and Equipment Installation and Servicing. A specialty contractor whose primary business is the installation, removal, modification or repair of pumps, water and waste water equipment, conveyors, cranes, dock levelers, various hoisting and material handling equipment, trash compactors and weighing scales installation and servicing. This does not include the construction of buildings or roof structures for this equipment. (4-6-05)

91. 11140 Petroleum and Vehicle Service Equipment, Installation and Repair. A specialty contractor whose primary business includes the installation and repair of underground fuel storage tanks used for dispensing gasoline, diesel, oil or kerosene fuels. This includes installation of all incidental tank-related piping, leak line detectors, vapor recovery lines, vapor probes, low voltage electrical work, associated calibration, testing and adjustment of leak detection and vapor recovery equipment, and in-station diagnostics. This contractor may also install auto hoisting equipment, grease racks, compressors, air hoses and other equipment related to service stations. (4-6-05)

92. 11200 Water/Wastewater and Chemical Treatment. A specialty contractor whose primary business is the supply, installation and operational startup of equipment and chemicals for chemical treatment of water, wastewater or other liquid systems. (4-6-05)

93. 11485 Climbing Wall Structures and Products. A specialty contractor whose primary business includes the ability and expertise to design, fabricate and install climbing wall structures and equipment. This does not include concrete foundations or buildings in which the climbing walls may be supported or housed. (4-6-05)

94. 12011 Prefabricated Equipment and Furnishings. A specialty contractor whose primary business includes the installation of prefabricated products or equipment including but not limited to the following: theater stage equipment, school classroom equipment, bleachers or seats, store fixtures, display cases, toilet or shower room partitions or accessories, closet systems, dust collecting systems, appliances, bus stop shelters, telephone booths, sound or clean rooms, refrigerated boxes, office furniture, all types of pre-finished, pre-wired components, detention equipment and other such equipment and materials as are by custom and usage accepted in the construction industry as prefabricated equipment. (4-6-05)

95. 12490 Window, Wall Coverings, Drapes and Blinds. A specialty contractor whose primary business includes the installation of decorative, architectural or functional window glass treatments or covering products or treatments for temperature control or as a screening device. (4-6-05)

96. 13110 Cathodic Protection. A specialty contractor whose primary business is the prevention of corrosion by using special cathodes and anodes to circumvent corrosive damage by electric current. (4-6-05)

97. 13121 Pre-Manufactured Components and Modular Structures. A specialty contractor whose

primary business includes the moving, setup, alteration or repair of pre-manufactured components, houses or similar modular structures. (4-6-05)

98. 13125 Pre-Engineered Building Kits. A specialty contractor whose primary business includes the assembly of pre-engineered building kits or structures obtained from a single source. This category is limited to assembly only of pre-engineered metal buildings, pole buildings, sunrooms, geodesic structures, aluminum domes, air supported structures, manufactured built greenhouses or similar structures. This does not include any other categories such as concrete foundations, carpentry, plumbing, heating or cooling, or electrical work. (4-6-05)

99. 13150 Swimming Pools and Spas. A specialty contractor whose primary business includes the ability to construct swimming pools, spas or hot tubs including excavation and backfill of material, installation of concrete, Gunitite, tile, pavers or other special materials used in pool construction. This category shall also include the installation of heating and filtration equipment, using those trades or skills necessary for installing the equipment, which may require other licenses including electrical and plumbing. (4-6-05)

100. 13165 Aquatic Recreational Equipment. A specialty contractor whose primary business includes the ability and expertise to design, fabricate and erect water slides and water park equipment and structures. This does not include any other categories such as concrete foundations, carpentry, plumbing, heating, cooling or electrical work. (4-6-05)

101. 13201 Circular Prestressed Concrete Storage Tanks (Liquid and Bulk). A specialty contractor whose primary business is the construction of circular prestressed concrete structures post-tensioned with circumferential tendons or wrapped circular prestressing. (4-6-05)

102. 13280 Hazardous Material Remediation. A specialty contractor whose primary business includes the ability and expertise to safely encapsulate, remove, handle or dispose of hazardous materials within buildings, including but not limited to asbestos, lead and chemicals. Contractors must be properly licensed and certified. (4-6-05)

103. 13290 Radon Mitigation. A specialty contractor whose primary business and expertise includes the detection and mitigation of Radon gas. (4-6-05)

104. 13800 Instrumentation and Controls. A specialty contractor whose primary business includes the installation, alteration or repair of instrumentation and control systems used to integrate equipment, sensors, monitors, controls and mechanical operators for industrial processes, building equipment, mechanical devices and related equipment. The installation of any wires or equipment to carry electrical current or the installation of electrical apparatus operated by such current requires licensure as an electrical contractor or electrical specialty contractor pursuant to Title 54, Chapter 10, Idaho Code, in addition to the public works contractor's specialty construction license for the electrical category under Subsection 200.116 of these rules or the electrical specialty contractor category under Subsection 200.118 of these rules, as appropriate for the work being performed. (4-6-05)()

105. 13850 Alarm Systems. A specialty contractor whose primary business includes the installation, alteration and repair of communication and alarm systems, including the mechanical apparatus, devices, piping and equipment appurtenant thereto (except electrical). (4-6-05)

106. 13930 Fire Suppression Systems (Wet and Dry-Pipe Sprinklers). A specialty contractor whose primary business includes the ability and expertise to lay out, fabricate and install approved types of Wet-Pipe and Dry-Pipe fire suppression systems, charged with water, including all mechanical apparatus, devices, piping and equipment appurtenant thereto. Licensure with State Fire Marshal is required. (4-6-05)

107. 13970 Fire Extinguisher and Fire Suppression Systems. A specialty contractor whose primary business is the installation of pre-engineered or pre-manufactured fixed chemical extinguishing systems primarily used for protecting kitchen-cooking equipment and electrical devices. Contractor also furnishes, installs and maintains portable fire extinguishers. (4-6-05)

108. 14200 Elevators, Lifts and Hoists. A specialty contractor whose primary business includes the

ability to safely and efficiently install, service and repair all elevators, lifts, hoists, including the fabrication, erection and installation of sheave beams, sheave motors, cable and wire rope, guides, cabs, counterweights, doors, sidewalk elevators, automatic and manual controls, signal systems and other devices, apparatus and equipment appurtenant to the installation. (4-6-05)

109. 15100 Pipe Fitter and Process Piping. A specialty contractor whose primary business is the installation of piping for fluids and gases or materials. This category does not include domestic water, sewage, fire protection and utilities as they are covered under other categories. (4-6-05)

110. 15400 Plumbing. A specialty contractor whose primary business includes the ability to create and maintain sanitary conditions in buildings, by providing a permanent means for a supply of safe, pure and wholesome water, ample in volume and of suitable temperatures for drinking, cooking, bathing, washing, cleaning, and to cleanse all waste receptacles and like means for the reception, speedy and complete removal from the premises of all fluid and semi-fluid organic wastes and other impurities incidental to life and the occupation of such premises, including a safe and adequate supply of gases for lighting, heating, and industrial purposes. (Licensure with State Plumbing Bureau is required). (4-6-05)

111. 15510 Boiler and Steam Fitting. A specialty contractor who installs, services and repairs boilers and associated steam distribution systems. This category is limited to work not requiring a heating, ventilating, and air conditioning (HVAC) license issued by the Division of Building Safety. (4-2-08)

112. 15550 Chimney Repair. A specialty contractor whose primary business includes the cleaning or repair of multi-type chimneys, flues or emission control devices used to conduct smoke and gases of combustion from above a fire to the outside area. (4-6-05)

113. 15600 Refrigeration. A specialty contractor whose primary business includes the art, ability, experience, knowledge, science and expertise to construct, erect, install, maintain, service and repair devices, machinery and units for the control of air temperatures below fifty (50) degrees Fahrenheit in refrigerators, refrigerator rooms, and insulated refrigerated spaces and the construction, erection, fabrication and installation of such refrigerators, refrigerator rooms, and insulated refrigerator spaces, temperature insulation, air conditioning units, ducts, blowers, registers, humidity and thermostatic controls of any part or any combination thereof, in such a manner that, under an agreed specification acceptable refrigeration plants and units can be executed, fabricated, installed, maintained, serviced and repaired, but shall not include those contractors who install gas fuel or electric power services for such refrigerator plants or other units. (4-6-05)

114. 15700 Heating, Ventilation, and Air Conditioning (HVAC). A specialty contractor whose primary business includes the installation, alteration and repair of heating, ventilating, and air conditioning (HVAC) systems. Licensure by the Division of Building Safety as an HVAC contractor is required. (4-2-08)

115. 15950 Testing and Balancing of Systems. A specialty contractor whose primary business includes the installation of devices and performs any work related to providing for a specified flow of air or water in all types of heating, cooling or piping systems. (4-6-05)

116. 16000 Electrical. A contractor engaging in, conducting, or carrying on the business of installing wires or equipment to carry electric current or installing electrical apparatus to be operated by such current. A contractor licensed in this category may perform all work covered in categories defined in Subsection 200.118 of these rules. A contractor in this category must be an electrical contractor, licensed pursuant to Section 54-1007(1), Idaho Code. (3-30-07)

117. 16700 Communication. A specialty contractor whose primary business includes the installation, alteration or repair of communication systems (voice, data, television, microwave, and other communication systems). (4-6-05)

118. 16800 Electrical Specialty Contractor. A contractor engaging in, conducting, or carrying on the business of installing, altering, or repairing special classes of electrical wiring, apparatus, or equipment. A contractor in this category must be an electrical specialty contractor, licensed pursuant to Section 54-1007(1), Idaho Code, and may perform only that work included within the specialty license. Electrical specialty categories include, but are not

- limited to: (3-30-07)
- a. Elevator, Dumbwaiter, Escalator or Moving-walk Electrical; (3-30-07)
 - b. Sign Electrical; (3-30-07)
 - c. Manufacturing or Assembling Equipment; (3-30-07)
 - d. Limited Energy Electrical License (low voltage); (3-30-07)
 - e. Irrigation Sprinkler Electrical; (3-30-07)
 - f. Well Driller and Water Pump Installer Electrical; and (3-30-07)
 - g. Refrigeration, Heating and Air Conditioning Electrical Installer. (3-30-07)

119. 18100 Golf Course Construction. A specialty contractor whose primary business includes the construction, modification, and maintenance of golf courses. This includes clearing, excavation, grading, landscaping, sprinkler systems and associated work. This does not include the construction of buildings or structures such as clubhouses, maintenance or storage sheds. (4-6-05)

120. 18200 Underwater Installation and Diving. A specialty contractor whose primary business is marine construction under and above water. (4-6-05)

121. 18300 Develop Gas and Oil Wells. A specialty contractor whose primary business includes the ability and expertise to perform oil well drilling and other oil field related specialty work. This does not include water well drilling. (4-6-05)

122. 18400 Nonstructural Restoration After Fire or Flood. A specialty contractor whose primary business includes cleaning and nonstructural restoration after fire, flood or natural disasters. (4-6-05)

123. 18600 Building Cleaning and Maintenance. A specialty contractor whose primary business includes the cleaning and maintenance of a structure designed for the shelter, enclosure and support of persons, chattels, personal and movable property of any kind. (4-6-05)

124. 18700 Snow Removal. A specialty contractor whose primary business includes the plowing, removal or disposal of snow from roads, streets, parking lots and other areas of the public rights-of-way. (4-6-05)

125. 18800 Roadway Cleaning, Sweeping and Mowing. A specialty contractor whose primary business includes the clearing of trash and debris by manual or automated means from public thoroughfares. This category also includes cutting or mowing of grasses, plants, or weeds from public rights-of-way. (4-6-05)