

FISCAL AND ECONOMIC IMPACT STATEMENT
FOR ADMINISTRATIVE RULES

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Phone: (225) 925-6103 Office: Office of Management & Finance
Fax: (225)925-4624 Louisiana State Uniform Construction Code Council

Return Address: 7979 Independence, Suite 307 Rule Title: Uniform Construction Code Updates
Baton Rouge, Louisiana 70806

Date Rule Takes Effect: January 1, 2015

SUMMARY
(Use complete sentences)

In accordance with Section 953 of Title 49 of the Louisiana Revised Statutes, there is hereby submitted a fiscal and economic impact statement on the rule proposed for adoption, repeal, or amendment. THE FOLLOWING STATEMENTS SUMMARIZE ATTACHED WORKSHEETS, I THROUGH IV AND WILL BE PUBLISHED IN THE LOUISIANA REGISTER WITH THE PROPOSED AGENCY RULE.

I. ESTIMATED IMPLEMENTATION COSTS (SAVINGS) TO STATE OR LOCAL GOVERNMENTAL UNITS (Summary)

There will be no implementation costs or savings to state or local governmental units as a result of the proposed rule change. The rule change provides for replacing and amending the current Chapter 11 Energy Efficiency in the 2006 International Residential Code (IRC) edition with the more recent Chapter 11 Energy Efficiency in the 2009 IRC edition in the adopted construction codes and to amend and adopt Appendix G Swimming Pools, Spas and Hot Tubs of the 2012 IRC. This rule change also provides for an amendment to allow current Building Code Enforcement Officers employed by local governmental units to have provisional certifications if promoted to a position.

II. ESTIMATED EFFECT ON REVENUE COLLECTIONS OF STATE OR LOCAL GOVERNMENTAL UNITS (Summary)

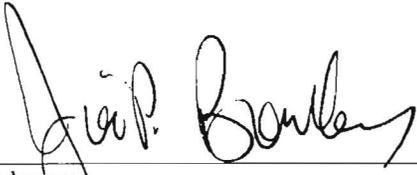
The proposed rule change will have no impact on revenue collections of state or local governmental units.

III. ESTIMATED COSTS AND/OR ECONOMIC BENEFITS TO DIRECTLY AFFECTED PERSONS OR NON-GOVERNMENTAL GROUPS (Summary)

The construction industry and prospective owners of residential buildings will be affected by the proposed rule change. The proposed 2009 IRC Chapter 11 adoption and amendments will provide for a more energy efficient home therefore reducing the long term costs of operation. The proposed 2012 IRC Appendix G amendment, regarding residential pools, spas, and hot tubs, will provide greater safety provisions for the homeowner.

IV. ESTIMATED EFFECT ON COMPETITION AND EMPLOYMENT (Summary)

The proposed rule change will have no affect on competition or employment.



Jill P. Boudreaux
Undersecretary
Department of Public Safety and Corrections



John D. Caputo
Legislative Fiscal Office

9/15/14

Date of Signature

9/18/14

Date of Signature

The following information is required in order to assist the Louisiana Fiscal Office in its review of the fiscal and economic impact statement and to assist the appropriate legislative oversight subcommittee in its deliberation on the proposed rule.

- A. Provide a brief summary of the content of the rule (if proposed for adoption, or repeal) or a brief summary of the change in the rule (if proposed for amendment). Attach a copy of the notice of intent and a copy of the rule proposed for initial adoption or repeal (or, in the case of a rule change, copies of both the current and proposed rules with amended portions indicated).

The Department is promulgating this rule adoption and amendments to allow for the replacement of outdated codes. By adopting the 2009 IRC Chapter 11 with amendments, the contractors and consumers are protected by the latest technology and methods thus resulting in lower costs. By adopting 2012 IRC Appendix G with amendments, the homeowner is provided a level of greater safety therefore reducing their insurance premiums.

- B. Summarize the circumstances which require this action. If the Action is required by federal regulation, attach a copy of the applicable regulation.

The proposed adoption and amendments are being promulgated to comply with statute, specifically R.S. 40:1730.26 and R.S. 40:1730.28, which requires the Uniform Construction Code Council to adopt the latest edition and to consider amendments that comply with the intent of the codes and are cost beneficial to the construction owners.

- C. Compliance with Act 11 of the 1986 First Extraordinary Session:

- (1) Will the proposed rule change result in any increase in the expenditure of funds? If so, specify amount and source of funding.

There will be no increase in the expenditure of funds.

- (2) If the answer to (1) above is yes, has the Legislature specifically appropriated the funds necessary for the associated expenditure increase?

(a) _____ Yes. If yes, attach documentation.

(b) _____ No. If no, provide justification as to why this rule change should be published at this time.

This question is NOT applicable as a result of the answer to C(1).

FISCAL AND ECONOMIC IMPACT STATEMENT
WORKSHEET

I. A. COSTS OR SAVINGS TO STATE AGENCIES RESULTING FROM THE ACTION PROPOSED

1. What is the anticipated increase (decrease) in costs to implement the proposed action?

| COSTS | FY 14-15 | FY 15-16 | FY 16-17 |
|------------------------|-----------------------------|----------|----------|
| PERSONAL SERVICES | \$0 | \$0 | \$0 |
| OPERATING EXPENSES | \$0 | \$0 | \$0 |
| PROFESSIONAL SERVICES | \$0 | \$0 | \$0 |
| OTHER CHARGES | \$0 | \$0 | \$0 |
| EQUIPMENT | \$0 | \$0 | \$0 |
| MAJOR REPAIR & CONSTR. | \$0 | \$0 | \$0 |
| POSITION(#) | No new position is required | | |

2. Provide a narrative explanation of the costs or savings shown in "A.1.," including the increase or reduction in workload or additional paperwork (number of new forms, additional documentation, etc.) anticipated as a result of the implementation of the proposed action. Describe all data, assumptions, and methods used in calculating these costs.

There will be no costs or saving to state agencies as a result of the action proposed.

3. Sources of funding for implementing the proposed rule or rule change.

| SOURCE | FY 14-15 | FY 15-16 | FY 16-17 |
|-----------------------|----------|----------|----------|
| STATE GENERAL FUND | \$0 | \$0 | \$0 |
| AGENCY SELF-GENERATED | \$0 | \$0 | \$0 |
| DEDICATED | \$0 | \$0 | \$0 |
| FEDERAL FUNDS | \$0 | \$0 | \$0 |
| OTHER (Specify) | \$0 | \$0 | \$0 |
| TOTAL | \$0 | \$0 | \$0 |

4. Does your agency currently have sufficient funds to implement the proposed action? If not, how and when do you anticipate obtaining such funds?

There will be no implementation costs as a result of this rule.

B. COST OR SAVINGS TO LOCAL GOVERNMENTAL UNITS RESULTING FROM THE ACTION PROPOSED

1. Provide an estimate of the anticipated impact of the proposed action on local governmental units, including adjustments in workload and paperwork requirements. Describe all data, assumptions and methods used in calculating this impact.

The proposed rules will have no impact local governmental units.

2. Indicate the source of funding of the local governmental unit which will be affected by these costs or savings.

There will be no additional cost or savings to the local governmental units as the changes affect the residential construction owners.

FISCAL AND ECONOMIC IMPACT STATEMENT
WORKSHEET

II. EFFECT ON REVENUE COLLECTIONS OF STATE AND LOCAL GOVERNMENTAL UNITS

A. What increase (decrease) in revenues can be anticipated from the proposed action?

| <u>REVENUE INCREASE/DECREASE</u> | <u>FY 14-15</u> | <u>FY 15-16</u> | <u>FY 16-17</u> |
|----------------------------------|-----------------|-----------------|-----------------|
| STATE GENERAL FUND | \$0 | \$0 | \$0 |
| AGENCY SELF-GENERATED | \$0 | \$0 | \$0 |
| DEDICATED FUNDS* | \$0 | \$0 | \$0 |
| FEDERAL FUNDS | \$0 | \$0 | \$0 |
| LOCAL FUNDS | \$0 | \$0 | \$0 |
| <u>TOTAL</u> | <u>\$0</u> | <u>\$0</u> | <u>\$0</u> |

*Specify the particular fund being impacted.

B. Provide a narrative explanation of each increase or decrease in revenues shown in "A."
Describe all data, assumptions, and methods used in calculating these increases or decreases.

There will be no increase or decrease in revenue collections of state and local governmental units as shown in "A" above.

FISCAL AND ECONOMIC IMPACT STATEMENT
WORKSHEET

III. COSTS AND/OR ECONOMIC BENEFITS TO DIRECTLY AFFECTED PERSONS OR
NONGOVERNMENTAL GROUPS

- A. What persons or non-governmental groups would be directly affected by the proposed action? For each, provide an estimate and a narrative description of any effect on costs, including workload adjustments and additional paperwork (number of new forms, additional documentation, etc.), they may have to incur as a result of the proposed action.

The proposed rule changes will have a positive effect on contractors, developers and consumers. These rule changes provide for an adoption and amendment to the adopted construction codes by replacing the current edition with the more recent 2009 Chapter 11 edition of the IRC. This will result in a net decrease in residential operating cost for owners. Due to the variety of size and scope of these residential projects these potential costs and savings cannot be quantified.

- B. Also provide an estimate and a narrative description of any impact on receipts and/or income (revenue) resulting from this rule or rule change to these groups.

The adoption of the proposed rule change is anticipated to have an indeterminate impact on receipts and/or income to the affected construction industry as well as to prospective project owners for the reasons set forth in III.A above.

IV. EFFECTS ON COMPETITION AND EMPLOYMENT

Identify and provide estimates of the impact of the proposed action on competition and employment in the public and private sectors. Include a summary of any data, assumptions and methods used in making these estimates.

There should not be any impact upon competition in the public and private sector as a result of the proposed rules.

Title 55
PUBLIC SAFETY

Part VI. Uniform Construction Code

Chapter 3. Adoption of the Louisiana State Uniform Construction Code

§301. Louisiana State Uniform Construction Code

A. In accordance with the requirements set forth in R.S. 40:1730.28, effective January 1, 2015 the following is hereby adopted as an amendment to the Louisiana State Uniform Construction Code. (The "Louisiana State Plumbing Code" shall replace all references to the "International Plumbing Code" in the following codes.)

§301.A. 2. -----

3.a. International Residential Code, 2012 Edition, not including Parts I-Administrative, ~~V-Mechanical~~, VII-Plumbing and VIII-Electrical. The applicable standards referenced in that code are included for regulation of construction within this state. The enforcement of such standards shall be mandatory only with respect to new construction, reconstruction, additions to homes previously built to the International Residential Code, and extensive alterations. Appendix G, Swimming Pools, Spas and Hot Tubs is adopted and at the option of a parish, municipality, or regional planning commission, Section AG105 Barrier Requirements may be altered. Appendix J, Existing Buildings and Structures, may be adopted and enforced only at the option of a parish, municipality, or regional planning commission.

3.a.i.-----

3.d. Amend Section R303.4 Mechanical ventilation. When a blower door test is performed, and the air infiltration rate of a dwelling unit is less than 5 air changes per hour when tested in accordance with the 2009 IRC Section N1102.4.2.1, the dwelling unit shall be provided with whole-house mechanical ventilation in accordance with Section M1507.3.

3.e. Additionally, IRC shall be amended as follows and shall only apply to the International Residential Code.

3.e.i-ix. -----

x. Amend Section R 1006.1 Exterior air, Factory-built or masonry fireplaces covered in this chapter shall be equipped with an exterior air supply to assure proper fuel combustion.

3.f. Substitute Chapter 11, Energy Efficiency of the ~~2006~~ 2009 IRC, in lieu of Chapter 11 Energy

Efficiency of the 2012 IRC.

i. Amend Section N1102.3 Access Hatches and Doors, Access doors from *conditioned spaces* to unconditioned spaces shall be weather-stripped and have a minimum insulation value of a R-4.

ii.. Amend Section N1102.4.2 Air sealing and insulation, The air tightness demonstration method of compliance is to be determined by the contractor, design professional or homeowner.

iii.. Amend Section N1102.4.2.1 Testing option, Tested air leakage is less than 7 ACH when tested with a blower door at a pressure of 50 pascals (0.007 psi). 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. When the contractor, design professional or homeowner chooses the blower door testing option, blower door testing shall be performed by individuals certified to perform blower door tests by a nationally recognized organization that trains and provides certification exams for the proper procedures to perform such tests. The responsible BCEO shall accept written blower door test reports from these certified individuals to verify the minimum requirements of Section N1102.4.2.1 Testing Option are attained.

(a). During testing:

(i). Exterior windows and doors, fireplace and stove doors shall be closed, but not sealed;

(ii) Dampers shall be closed, but not sealed; including exhaust, intake, makeup air, back draft, and flue dampers;

(iii) Interior doors shall be open;

(iv) Exterior openings for continuous ventilation systems and heat recovery ventilators shall be closed and sealed;

(v) Heating and cooling system(s) shall be turned off;

(vi) HVAC ducts shall not be sealed; and

(vii) Supply and return registers shall not be sealed

iv. Amend Section N1102.4.3 Fireplaces, New wood-burning fireplaces shall have outdoor combustion air.

vi. Amend Section N1103.2.2 Sealing, Ducts, air handlers, filter boxes and building cavities used as ducts shall be sealed. Joints and seams shall comply with Section M1601.4. Duct leakage testing shall be performed by individuals certified to perform duct leakage tests by a nationally recognized organization that trains and provides certification exams for the proper procedures to perform such tests. The responsible BCEO shall accept written duct leakage test reports from these certified individuals to verify the minimum requirements of Section N1103.2.2 Sealing are attained.

(a) Exception: HVAC Contractors. HVAC contractors, who are not certified to perform duct leakage tests, may perform the test with the responsible BCEO visually verifying test procedures and results on site.

(b) Joints and seams shall comply with Section M1601.4. Duct tightness shall be verified by either for the following:

(i) 1. Post-construction test: Leakage to outdoors shall be less than or equal to 8 cfm (3.78 L/s) per 100 ft² (9.29 m²) of conditioned floor area or a total leakage less than or equal to 12 cfm (5.66 L/s) per 100 ft² (9.29 m²) of conditioned floor area when tested at a pressure differential of 0.1 inch w.g. (25 Pa) across the entire system, including the manufacturer's air handler end closure. All register boots shall be taped or otherwise sealed during the test.

(ii) 2. Rough-in test: Total leakage shall be less than or equal to 6 cfm (2.83 L/s) per 100 ft² (9.29 m²) of conditioned floor area when tested at a pressure differential of 0.1 inch w.g. (25 Pa) across the roughed in system, including the manufacturer's air handler enclosure. All register boots shall be taped or otherwise sealed during the test. If the air handler is not installed at the time of the test, total leakage shall be less than or equal to 4 cfm (1.89 L/s) per 100 ft² (9.29 m²) of conditioned floor area.

(c) Exception: Duct tightness test is not required if the air handler and all ducts are located within *conditioned space*.

vii. Amend Section N1103.8.3 Pool Covers, Pool covers shall not be required to meet the energy efficiency requirements of this section.

viii. Amend Section M1307.3.1 Protection from impact, Appliances shall not be installed in a location subject to automobile or truck damage except where protected by approved barriers

vix. Amend Section M1507.3.1 System Design, The whole-house ventilation system shall consist of a combination of supply and exhaust fans, and associated ducts and controls. Local exhaust and supply fans are permitted to serve as such a system. Outdoor air ducts connected to the return side of an air handler shall be considered to provide supply ventilation.

x. Amend Section M1507.3.2 System Controls, The whole-house mechanical ventilation system shall be provided with controls that enable manual override and a method of air-flow adjustment.

xi. Amend Section M1507.3.3 Mechanical ventilation rate, The whole-house mechanical ventilation system shall be able to provide outdoor air at a continuous rate of at least that determined in accordance with Table M1507.3.3(1).

xii. Amend Section M1507.4 Minimum required local exhaust, Local exhaust systems shall be designed to have the capacity to exhaust the minimum air flow rate as follows:

(a) Kitchen: 100 cfm intermittent or 25 cfm continuous, a balanced ventilation system is required for continuous exhaust

(b) Bathrooms: exhaust capacity of 50 cfm intermittent or 20 cfm continuous, a balanced ventilation system is required for continuous exhaust

4.a. International Mechanical Code(IMC), 2012 Edition, and the standards referenced in that code for regulation of construction within this state. ~~Also included for regulation, the Louisiana One and Two Family Supplement to the 2006 International Mechanical Code. Furthermore, the International Mechanical Code, 2006 Edition, Chapter 1, Section 101.2 Scope is amended as follows:~~

~~i. Exception: Detached one and two family dwellings and multiple single family dwellings (townhouses) not more than three stories high with separate means of egress and their accessory structures shall comply with the Louisiana One and Two Family Supplement to the 2006 International Mechanical Code. Furthermore, the IMC shall be amended to include the following:~~

~~4.b.-7.----~~

AUTHORITY NOTE: Promulgated in accordance with R.S. 40:1730.22(C) and (D) and 40:1730.26(1).

HISTORICAL NOTE: Promulgated by the Department of Public Safety and Corrections, State Uniform Construction Code Council, LR 33:291 (February 2007), amended LR 34:93 (January 2008), LR 34: 883 (May 2008), LR 34:2205 (October 2008), LR 35:1904 (September 2009), LR 36:2574 (November 2010), effective January 1, 2011, LR 37:601 (February 2011), LR 37:913 (March 2011), repromulgated LR 37:2187 (July 2011), repromulgated LR 37:2726 (September 2011), amended LR 37:3065 (October 2011), LR 38:1994 (August 2012), LR 39:2512 (September 2013).

Chapter 9. Temporary Exemption to Certification Requirement

§901. Employment after January 1, 2007

A. Upon employment or if currently employed and promoted to a specific certification by a parish, municipality, or other political subdivision, an individual must be granted a provisional certificate of registration without certification by a recognized code organization or testing agency, provided that such individual is under the supervision of a registered code enforcement officer who is certified by the International Code Council.

§903.-905 -----

AUTHORITY NOTE: Promulgated in accordance with R.S. 40:1730.22(C) and (D).

HISTORICAL NOTE: Promulgated by the Department of Public Safety and Corrections, State Uniform Construction Code Council, LR 33:293 (February 2007), amended LR 35:2821 (December 2009), repromulgated LR 36:329 (February 2010).

Department of Public Safety and Corrections
Uniform Construction Code Council

Uniform Construction Code (LAC 55:VI.301 and 901)

In accordance with the provisions of R.S. 40:1730.22(C) and (D), R.S. 40:1730.26 and R.S. 40:1730.28, relative to the authority of the Louisiana State Uniform Construction Code Council (LSUCCC) to promulgate and enforce rules and in accordance with R.S. 49:953(B), the Administrative Procedure Act, the Department of Public Safety and Corrections, Office of the State Fire Marshal, Louisiana State Uniform Construction Code Council (LSUCCC) hereby amends and adopts the following Rule regarding construction codes and registration by replacing the Louisiana One-and Two-Family Supplement to the 2006 International Mechanical Code with the 2012 IRC Part V-Mechanical, replacing the 2006 IRC Chapter 11 reference with the 2009 IRC Chapter 11 reference, adopting Appendix G of the 2012 IRC and by allowing currently employed individuals to have provisional certifications if promoted to a position.

Title 55

PUBLIC SAFETY

Part VI. Uniform Construction Code

Chapter 3. Adoption of the Louisiana State Uniform Construction Code

§301. Louisiana State Uniform Construction Code

A. In accordance with the requirements set forth in R.S. 40:1730.28, effective January 1, 2015 the following is hereby adopted as an amendment to the Louisiana State Uniform Construction Code. (The "Louisiana State Plumbing Code" shall replace all references to the "International Plumbing Code" in the following codes.)

1. - 2. ...

3.a. International Residential Code, 2012 Edition, not including Parts I-Administrative, VII-Plumbing and VIII-Electrical. The applicable standards referenced in that code are included for regulation of construction within this state. The enforcement of such standards shall be mandatory only with respect to new construction, reconstruction, additions to homes previously built to the International Residential Code, and extensive alterations. Appendix G, Swimming Pools, Spas and Hot Tubs is adopted and at the option of a parish, municipality, or regional planning commission, Section AG105 Barrier Requirements may be altered. Appendix J, Existing Buildings and Structures, may be adopted and enforced only at the option of a parish, municipality, or regional planning commission.

a.i. - ci. ...

d. Amend Section R303.4 Mechanical Ventilation. When a blower door test is performed, and the air infiltration rate of a dwelling unit is less than 5 air changes per hour when tested in accordance with the 2009 IRC Section N1102.4.2.1, the dwelling unit shall be provided with whole-house mechanical ventilation in accordance with Section M1507.3.

e. Additionally, IRC shall be amended as follows and shall only apply to the International Residential Code.

- i. Adopt and Amend 2012 IRC Section 313.1 Townhouse Automatic Sprinkler System. Per Act No. 685 of the 2010 Regular Session of the Louisiana Legislature, the council shall not adopt or enforce any part of the International Residential Code or any other code or regulation that requires a fire protection sprinkler system in one- or two-family dwellings. Further, no municipality or parish shall adopt or enforce an ordinance or other regulation requiring a fire protection sprinkler system in one- or two-family dwellings. Where no sprinkler system is installed a common 2-hour fire-resistance-rated wall is permitted for townhouses if such walls do not contain plumbing or mechanical equipment, ducts or vents in the cavity of the common wall. Electrical installations shall be installed in accordance with the 2011 NEC. Penetrations of electrical outlet boxes shall be in accordance with Section R302.4
 - (a). Exception: If an owner voluntarily chooses to install an automatic residential fire sprinkler system it shall be installed per Section R313.1.1 Design and installation. Automatic residential fire sprinkler systems for *townhouses* shall be designed and installed in accordance with NFPA 13D and Table 302.1 (2) Exterior Walls-Dwellings with Fire sprinklers may be used for separation requirements.
- ii. Adopt and Amend 2012 IRC Section 313.2 One- and Two-Family Dwellings Automatic Fire Systems. Per Act No. 685 of the 2010 Regular Session of the Louisiana Legislature, the Council shall not adopt or enforce any part of the *International Residential Code* or any other code or regulation that requires a fire protection sprinkler system in one- or two-family dwellings. Further, no municipality or parish shall adopt or enforce an ordinance or other regulation requiring a fire protection sprinkler system in one- or two-family dwellings.
 - (a). Exception: If an owner voluntarily chooses to install an automatic residential fire sprinkler system it shall be installed per Section R313.2.1 Design and installation. Automatic residential fire sprinkler systems shall be designed and installed in accordance with NFPA 13D and Table 302.1(2) Exterior Walls-Dwellings with Fire sprinklers may be used for separation requirements.
- iii. Amend Chapter 3, Section R315.2, Where Required in Existing Dwellings. When alterations, repairs or additions occur or where one or more sleeping rooms are added or created in existing dwellings that have attached garages or in existing dwellings within which fuel fired appliances exist, carbon monoxide alarms shall be provided in accordance with Section R315.1.
- iv. Substitute Chapter 3, Section R317, Dwelling Unit Separation of the 2006 IRC, in lieu of the Section 313, Automatic Fire Sprinkler Systems of the 2009 IRC. In addition, Chapter 3, Section R 302.2, Townhouses of the 2009 IRC, is amended as follows:
 - (a). Exceptions
 - (i). A common 2-hour fire-resistance-rated wall is permitted for townhouses if such walls do not contain plumbing or mechanical equipment, ducts or vents in the cavity of the common wall.
 - (ii). Electrical installations shall be installed in accordance with Chapters 34 through 43. Penetrations of electrical outlet boxes shall be in accordance with Section R302.4.
 - (iii). Chapter 3, Section R302.2.4, Structural Independence of the 2009 IRC, is amended as follows: Exception: Number 5, Townhouses, separated by a common 2-hour fire-resistance-rated wall as provided in Section R302.2.
- v. Adopt 2012 IRC Table 602.3 (1) Fastening Requirements.

- vi. Amend 2012 IRC Section R703.8 Flashing. Approved corrosion-resistant flashing shall be applied shingle-fashion in a manner to prevent entry of water into the wall cavity or penetration of water to the building structural framing components. Self-adhered membranes used as flashing shall comply with AAMA 711. The flashing shall extend to the surface of the exterior wall finish. Approved corrosion-resistant flashings shall be installed at all of the following locations:
- (a). exterior window and door openings. Flashing at exterior window and door openings shall extend to the surface of the exterior wall finish or to the water-resistive barrier for subsequent drainage;
 - (b). at the intersection of chimneys or other masonry construction with frame or stucco walls, with projecting lips on both sides under stucco copings;
 - (c). under and at the ends of masonry, wood or metal copings and sills;
 - (d). continuously above all projecting wood trim;
 - (e). where exterior porches, decks or stairs attach to a wall or floor assembly of wood-frame construction;
 - (f). at wall and roof intersections;
 - (g). at built-in gutters.
- vii. Adopt 2012 IRC Section R802.11 Roof tie-down.
- viii. Adopt 2012 IRC Table R802.11 Rafters.
- ix. Amend Section R806.1 Ventilation Required.
- (a). Enclosed attics and enclosed rafter spaces formed where ceilings are applied directly to the underside of roof rafters shall have cross ventilation for each separate space by ventilating openings protected against the entrance of rain or snow. Ventilation openings shall have a least dimension of 1/16 inch (1.6 mm) minimum and 1/4 inch (6.4 mm) maximum. Ventilation openings having a least dimension larger than 1/4 inch (6.4 mm) shall be provided with corrosion-resistant wire cloth screening, hardware cloth, or similar material with openings having a least dimension of 1/16 inch (1.6 mm) minimum and 1/4 inch (6.4 mm) maximum. Openings in roof framing members shall conform to the requirements of Section R802.7. Required ventilation openings shall open directly to the outside air.
- x. Amend Section R 1006.1 Exterior Air. Factory-built or masonry fireplaces covered in this chapter shall be equipped with an exterior air supply to assure proper fuel combustion.
- f. Substitute Chapter 11, Energy Efficiency of the 2009 IRC, in lieu of Chapter 11 Energy Efficiency of the 2012 IRC.
- i. Amend Section N1102.3 Access Hatches and Doors. Access doors from *conditioned spaces* to unconditioned spaces shall be weather-stripped and have a minimum insulation value of a R-4.
 - ii. Amend Section N1102.4.2 Air Sealing and Insulation. The air tightness demonstration method of compliance is to be determined by the contractor, design professional or homeowner.
 - iii. Amend Section N1102.4.2.1 Testing Option. Tested air leakage is less than 7 ACH when tested with a blower door at a pressure of 50 pascals (0.007 psi). 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. When the contractor, design professional or homeowner chooses the blower door testing

option, blower door testing shall be performed by individuals certified to perform blower door tests by a nationally recognized organization that trains and provides certification exams for the proper procedures to perform such tests. The responsible BCEO shall accept written blower door test reports from these certified individuals to verify the minimum requirements of Section N1102.4.2.1 Testing Option are attained.

(a) During testing:

(i) exterior windows and doors, fireplace and stove doors shall be closed, but not sealed;

(ii) dampers shall be closed, but not sealed; including exhaust, intake, makeup air, back draft, and flue dampers;

(iii) interior doors shall be open;

(iv) exterior openings for continuous ventilation systems and heat recovery ventilators shall be closed and sealed;

(v) heating and cooling system(s) shall be turned off;

(vi) HVAC ducts shall not be sealed; and

(vii) supply and return registers shall not be sealed

iv. Amend Section N1102.4.3 Fireplaces, New wood-burning fireplaces shall have outdoor combustion air.

vi. Amend Section N1103.2.2 Sealing, Ducts, air handlers, filter boxes and building cavities used as ducts shall be sealed. Joints and seams shall comply with section M1601.4. Duct leakage testing shall be performed by individuals certified to perform duct leakage tests by a nationally recognized organization that trains and provides certification exams for the proper procedures to perform such tests. The responsible BCEO shall accept written duct leakage test reports from these certified individuals to verify the minimum requirements of Section N1103.2.2 Sealing are attained.

(a) Exception: HVAC Contractors. HVAC contractors, who are not certified to perform duct leakage tests, may perform the test with the responsible BCEO visually verifying test procedures and results on site.

(b) Joints and seams shall comply with section M1601.4. Duct tightness shall be verified by either for the following:

(i) Post-Construction Test. Leakage to outdoors shall be less than or equal to 8 cfm (3.78 L/s) per 100 ft² (9.29 m²) of conditioned floor area or a total leakage less than or equal to 12 cfm (5.66 L/s) per 100 ft² (9.29 m²) of conditioned floor area when tested at a pressure differential of 0.1 inch w.g. (25 Pa) across the entire system, including the manufacturer's air handler end closure. All register boots shall be taped or otherwise sealed during the test.

(ii) Rough-In Test. Total leakage shall be less than or equal to 6 cfm (2.83 L/s) per 100 ft² (9.29 m²) of conditioned floor area when tested at a pressure differential of 0.1 inch w.g. (25 Pa) across the roughed in system, including the manufacturer's air handler enclosure. All register boots shall be taped or otherwise sealed during the test. If the air handler is not installed at the time of the test, total leakage shall be less than or equal to 4 cfm (1.89 L/s) per 100 ft² (9.29 m²) of conditioned floor area.

(c) Exception: Duct tightness test is not required if the air handler and all ducts are located within *conditioned space*.

- vii. Amend Section N1103.8.3 Pool Covers. Pool covers shall not be required to meet the energy efficiency requirements of this section.
- viii. Amend Section M1307.3.1 Protection from Impact. Appliances shall not be installed in a location subject to automobile or truck damage except where protected by approved barriers
- vix. Amend Section M1507.3.1 System Design. The whole-house ventilation system shall consist of a combination of supply and exhaust fans, and associated ducts and controls. Local exhaust and supply fans are permitted to serve as such a system. Outdoor air ducts connected to the return side of an air handler shall be considered to provide supply ventilation.
- x. Amend Section M1507.3.2 System Controls. The whole-house mechanical ventilation system shall be provided with controls that enable manual override and a method of air-flow adjustment.
- xi. Amend Section M1507.3.3 Mechanical Ventilation Rate. The whole-house mechanical ventilation system shall be able to provide outdoor air at a continuous rate of at least that determined in accordance with Table M1507.3.3(1).
- xii. Amend Section M1507.4 Minimum Required Local Exhaust. Local exhaust systems shall be designed to have the capacity to exhaust the minimum air flow rate as follows.
 - (a). Kitchen: 100 cfm intermittent or 25 cfm continuous, a balanced ventilation system is required for continuous exhaust.
 - (b). Bathrooms: exhaust capacity of 50 cfm intermittent or 20 cfm continuous, a balanced ventilation system is required for continuous exhaust.
- 4.a. International Mechanical Code(IMC), 2012 Edition, and the standards referenced in that code for regulation of construction within this state.
- 4.b. - 7. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 40:1730.22(C) and (D) and 40:1730.26(1).

HISTORICAL NOTE: Promulgated by the Department of Public Safety and Corrections, State Uniform Construction Code Council, LR 33:291 (February 2007), amended LR 34:93 (January 2008), LR 34: 883 (May 2008), LR 34:2205 (October 2008), LR 35:1904 (September 2009), LR 36:2574 (November 2010), effective January 1, 2011, LR 37:601 (February 2011), LR 37:913 (March 2011), repromulgated LR 37:2187 (July 2011), repromulgated LR 37:2726 (September 2011), amended LR 37:3065 (October 2011), LR 38:1994 (August 2012), LR 39:2512 (September 2013), LR 40:

Chapter 9. Temporary Exemption to Certification Requirement

§901. Employment after January 1, 2007

A. Upon employment or if currently employed and promoted to a specific certification by a parish, municipality, or other political subdivision, an individual must be granted a provisional certificate of registration without certification by a recognized code organization or testing agency, provided that such individual is under the supervision of a registered code enforcement officer who is certified by the International Code Council.

AUTHORITY NOTE: Promulgated in accordance with R.S. 40:1730.22(C) and (D).

HISTORICAL NOTE: Promulgated by the Department of Public Safety and Corrections, State Uniform Construction Code Council, LR 33:293 (February 2007), amended LR 35:2821 (December 2009), repromulgated LR 36:329 (February 2010), LR 40:

Family Impact Statement

The proposed Rule will not have any known or foreseeable impact on any family as defined by R.S. 49:972 D or on family formation, stability and autonomy. Specifically there should be no known or foreseeable effect on:

1. the stability of the family;
2. the authority and rights of parents regarding the education and supervision of their children;
3. the functioning of the family;
4. family earnings and family budget;
- 5 the behavior and personal responsibility of the children.

Local governmental entities have the ability to perform the enforcement of the action proposed in accordance with R.S. 40:1730.23.

Small Business Impact Statement

The impact of the proposed Rule on small businesses has been considered and it is estimated that the proposed action is not expected to have a significant adverse impact on small businesses as defined in the Regulatory Flexibility Act. The agency, consistent with health, safety, environmental and economic welfare factors has considered and, where possible, utilized regulatory methods in the drafting of the proposed Rule that will accomplish the objectives of applicable statutes while minimizing the adverse impact of the proposed Rule on small businesses.

Poverty Impact Statement

1. The impact of the proposed rule on child, individual, or family poverty has been considered and it is estimated that the proposed action is not expected to have a significant adverse impact on poverty in relation to individual or community asset development as provided in the LA R.S. 49:973.
2. The agency has considered economic welfare factors and, where possible, utilized regulatory methods in the drafting of the proposed rule that will accomplish the objectives of applicable statutes while minimizing the adverse impact of the proposed Rule on poverty.

Provider Impact Statement

The proposed Rule should not have any known or foreseeable impact on providers as defined by HCR 170 of the 2014 Regular Legislative Session. In particular, there should be no known or foreseeable effect on:

1. the staffing level requirements or qualifications required to provide the same level of service;
2. the total direct and indirect effect on the cost to the providers to provide the same level of service; or
3. the overall effect on the ability of the provider to provide the same level of service.

Interested Persons Impact Statement

All interested persons are invited to submit written comments on the proposed regulation. Such comments should be submitted no later than October 6 at 4:30 p.m. to Mark Joiner, 8181 Independence Blvd., Baton Rouge, La. 70806. A public hearing is scheduled for October 28 at 1:00 p.m. at 8181 Independence Blvd., Baton Rouge, LA 70806. Please call in advance to confirm the time and place of meeting, as the meeting will be cancelled if the requisite number of comments is not received.