

E-7

David Timberlake, P.E.
Chairman



Mary Fallin
Governor

Oklahoma Uniform Building Code Commission

PUBLIC COMMENT FORM FOR THE ADOPTION OF BUILDING/CONSTRUCTION CODES PROPOSED CHANGE TO THE INTERNATIONAL RESIDENTIAL CODE®

INSTRUCTIONS: Please type or print clearly. Form must be signed. Any form not signed or filled out completely, may not be considered. Each requested change must be on a separate form.

1. **Submitters Contact Information:**

Name: Ross Barrick Date: April 16, 2015
Company: _____
Address: 20930 N 2810 RD
City: Kingfisher State: OK Zip: 73750
Phone: 405-375-4121 Ext: _____ Fax: _____
Email: rossb@cimarronelectric.com

2. Do you feel this proposed change will increase the cost of construction? Yes No

3. Which are of the code needs revision?

Section: Chapter 2 R202 Table: _____ Figure: _____ Page No: _____

4. Please check the appropriate box:

Revise as follows Delete as follows Add new text as follows Delete with substitute

Show the proposed NEW, REVISED, OR DELETED TEXT in legislative format, (line through text to be deleted and underline text to be added or revised).

Add a new Definition.

Nationally Recognized Testing Laboratory: A testing facility given this designation from the United States Occupational Safety and Health Administration (OSHA) that provides product safety testing and certification services to manufacturers.

Supporting Information: State purpose and reason for the change and provide substantiation to support proposed change.

The new definition of Nationally Recognized Testing Laboratory (NRTL) will support the wording used in 2015 IRC PCF E-3, unanimously accepted by the Electrical Technical Committee. Furthermore, the new definition will bring the 2015 IRC Definitions into alignment with 2014 NEC Chapter 1 definition wording that was accepted by the OUBCC (748:20-9-6.1). The OUBCC specifically requested a definition for "NRTL" be added to 2014 NEC for Oklahoma. **See attachments

5. Signature: _____

Send completed "Public Comment Form" to:
Oklahoma Uniform Building Code Commission, PO Box 12540, Oklahoma City, OK 73157
Email to: Shawnta.Mitchell@oubcc.ok.gov or Fax to: 405-521-6504

Liz Clark

5. Signature: _____

Send completed "Public Comment Form" to:
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E-10

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1. Submitters Contact Information:

Name: ROSS BARRICK Date: AUGUST 26, 2015
 Company: OUBCC RESIDENTIAL ELECTRICAL TECHNICAL COMMITTEE
 Address: 2401 NW 23RD, SUITE 2F
 City: OKLAHOMA CITY State: OK Zip: 73107
 Phone: 405.521.6501 Ext: _____ Fax: _____
 Email: _____

2. Do you feel this proposed change will increase the cost of construction? Yes No

3. Which arc of the code needs revision?

Section: N1104.1 OK 748:20-5-12 Table: _____ Figure: _____ Page No: 438

4. Please check the appropriate box:

Revise as follows Delete as follows Add new text as follows Delete with substitute

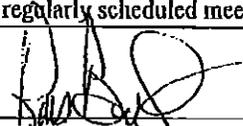
Show the proposed **NEW, REVISED, OR DELETED TEXT** in legislative format, (line through text to be deleted and underline text to be added or revised).

N1104.1 Lighting equipment.

~~Exception: Can or recessed lights are exempt from this section of the code.~~

Supporting information: State purpose and reason for the change and provide substantiation to support proposed change.

The exception was added to the 2009 Oklahoma IRC during the review process by the Building Technical Committee via PCF. The PCF was never mentioned to the Electrical Technical Committee. With the advanced availability of high-efficacy lamps (CFL's, LED's, and Halogen), why would one even consider exempting recessed luminaires. The new High-efficacy lamps operate at cooler temperatures, therefore reducing the nuisance of activating the high-temperature cut-off device required in the "zero-insulation clearance" recessed luminaires. The 2015 Building Technical committee removed the exception, at the request and Mr. Kelly Parker (GWS Inc.), and me, at their regularly scheduled meeting on August 12, 2015. The vote was unanimous to remove.

5. Signature: 

Send completed "Public Comment Form" to:
 Oklahoma Uniform Building Code Commission, PO Box 12540, Oklahoma City, OK 73157
 Email to: Kathy.Hehnly@oubcc.ok.gov or Fax to: 405-521-6504

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Address: 2401 NW 23RD, SUITE 2F
City: OKLAHOMA CITY State: OK Zip: 73107
Phone: 405.521.6501 Ext: _____ Fax: _____
Email: _____

2. Do you feel this proposed change will increase the cost of construction? Yes No

3. Which are of the code needs revision?

Section: N1104.1 Table: _____ Figure: _____ Page No: 438

4. Please check the appropriate box:

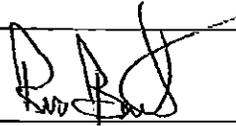
Revise as follows Delete as follows Add new text as follows Delete with substitute

Show the proposed **NEW, REVISED, OR DELETED TEXT** in legislative format, (line through text to be deleted and underline text to be added or revised).

N1104.1 lighting equipment. Not less than 75 percent of the lamps in permanently installed lighting fixtures-luminaires shall be high-efficacy lamps or not less than 75 percent of the permanently installed lighting fixtures-luminaires shall contain only high-efficacy lamps.

Supporting information: State purpose and reason for the change and provide substantiation to support proposed change.

The term "lighting fixtures" was replaced with "luminaires" beginning with the NFPA 70 NEC-2008, and has continued to date. The term has been changed in other sections of the 2015 IRC, but this section failed to be changed. This would be an alignment between the NEC, and other sections of the IRC.

5. Signature: 

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Email to: Kathy.Hehnlly@oubcc.ok.gov or Fax to: 405-521-6504

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1. **Submitters Contact Information:**

Name: ROSS BARRICK Date: AUGUST 26, 2015
Company: OUBCC RESIDENTIAL ELECTRICAL TECHNICAL COMMITTEE
Address: 2401 NW 23RD, SUITE 2F
City: OKLAHOMA CITY State: OK Zip: 73107
Phone: 405.521.6501 Ext: _____ Fax: _____
Email: _____

2. Do you feel this proposed change will increase the cost of construction? Yes No

3. Which are of the code needs revision?

Section: NI 101.6 Table: _____ Figure: _____ Page No: 438

4. Please check the appropriate box:

Revise as follows Delete as follows Add new text as follows Delete with substitute

Show the proposed NEW, REVISED, OR DELETED TEXT in legislative format, (line through text to be deleted and underline text to be added or revised).

HIGH-EFFICACY LAMPS. Compact fluorescent lamps, Light Emitting Diode (L.E.D.) type lamps, T-8 or smaller diameter linear fluorescent lamps, or lamps with a minimum efficacy of:

Supporting information: State purpose and reason for the change and provide substantiation to support proposed change.

The definition fails to mention the available high-efficacy LED lamps that are readily available at electrical wholesalers, lighting supply stores, home improvement stores, and internet sales.

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1. Submitters Contact Information:

Name: ROSS BARRICK Date: AUGUST 26, 2015
Company: OUBCC RESIDENTIAL ELECTRICAL TECHNICAL COMMITTEE
Address: 2401 NW 23RD, SUITE 2F
City: OKLAHOMA CITY State: OK Zip: 73107
Phone: 405.521.6501 Ext: _____ Fax: _____
Email: _____

2. Do you feel this proposed change will increase the cost of construction? Yes No

3. Which are of the code needs revision?
Section: M1903 Table: _____ Figure: _____ Page No: 499

4. Please check the appropriate box:

Revise as follows Delete as follows Add new text as follows Delete with substitute

Show the proposed NEW, REVISED, OR DELETED TEXT in legislative format, (line through text to be deleted and underline text to be added or revised).

STATIONARY FUEL CELL POWER PLANTS
M1903.1 General. Stationary fuel cell power plants having a power output not exceeding 1,000 kW, shall comply with ANSI/CSA America FC 1 and shall be installed in accordance with the manufacturer's installation instructions and NFPA 858.
M1903.1.1 Electrical requirements. Interconnection and all associated wiring shall be installed in accordance with NFPA 70 NEC® Article 692 Fuel Cell Systems.

Supporting information: State purpose and reason for the change and provide substantiation to support proposed change.

NFPA 70 Article 692 is the specific for Fuel Cell Systems, whether it is a stand-alone or interactive type system. Article 692 further requires a plaque or directory to be posted at all service entrances locations identifying the location of all power supply systems. The Fuel Cell System is considered a power supply system. This additional section to M1903 would be a means of referring all design and installation personnel to an additional code that would have additional requirements to consider.

5. Signature:

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Email to: Kathy.Hehnlly@oubcc.ok.gov or Fax to: 405-521-6504

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INSTRUCTIONS: Please type or print clearly. Form must be signed. Any form not signed or filled out completely, may not be considered. Each requested change must be on a separate form.

1. **Submitters Contact Information:**

Name: Ross Barrick Date: 03/11/2015
Company: _____
Address: 20930 N 2810 RD
City: Kingfisher State: OK Zip: 73750
Phone: 405-538-8993 Ext: _____ Fax: _____
Email: rossb@pldi.net

2. Do you feel this proposed change will increase the cost of construction? Yes No

3. Which are of the code needs revision?

Section: E3402.2 Table: _____ Figure: _____ Page No: 658

4. Please check the appropriate box:

Revise as follows Delete as follows Add new text as follows Delete with substitute

Show the proposed NEW, REVISED, OR DELETED TEXT in legislative format, (line through text to be deleted and underline text to be added or revised).

(last sentence) Penetrations of fire resistance-rated walls shall be limited as specified in Section ~~R317.3~~ R302.4. (300.21)

Supporting information: State purpose and reason for the change and provide substantiation to support proposed change.

A "Typographical Error". Section R302.4 addresses this requirement. Section R317.3 (page 71) addresses "Fasteners and connectors in contact with preservative treated and fire-retardant-treated wood.

5. Signature:

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Oklahoma Uniform Building Code Commission, PO Box 12540, Oklahoma City, OK 73157
Email to: Shawnta.Mitchell@oubcc.ok.gov or Fax to: 405-521-6504

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INSTRUCTIONS: Please type or print clearly. Form must be signed. Any form not signed or filled out completely, may not be considered. Each requested change must be on a separate form.

1. Submitters Contact Information:

Name: John E. Staires Date: 3/23/2015
Company: None
Address: 9643 S. 90th E. Ave
City: Tulsa State: OK Zip: 74133
Phone: 918-640-7656 Ext: _____ Fax: 918-461-2595
Email: tulsacode@aol.com

2. Do you feel this proposed change will increase the cost of construction? Yes No

3. Which area of the code needs revision?

Section: E3403.3 Table: _____ Figure: _____ Page No: 658

4. Please check the appropriate box:

Revise as follows Delete as follows Add new text as follows Delete with substitute

Show the proposed **NEW, REVISED, OR DELETED TEXT** in legislative format, (line through text to be deleted and underline text to be added or revised).

E3403.3 Listing and labeling. Electrical materials, components, devices, fixtures and equipment shall be listed for the application in accordance with NFPA 70, shall bear the label of an approved agency and shall be installed, and used, or both, in accordance with the manufacturers installation instructions.

Supporting information: State purpose and reason for the change and provide substantiation to support proposed change.

The National Electrical Code does not require all electrical materials to be listed. Some fittings do not bear the mark of a Nationally Recognized Testing Laboratory. The NEC is very specific in denoting which electrical equipment is required to be listed. A blanket statement in E3403.3 requiring all electrical materials, etc, to be listed may preclude the use of some electrical equipment that is not required to be listed by the NEC.

5. Signature: John E. Staires

Send completed "Public Comment Form" to:
Oklahoma Uniform Building Code Commission, PO Box 12540, Oklahoma City, OK 73157
Email to: Cheryl Mitchell@oubc.org or Fax to: 405-521-6504

New Text:

E3404.7 Integrity of Electrical Equipment. Internal parts of electrical equipment, including busbars, wiring terminals, insulators and other surfaces, shall not be damaged or contaminated by foreign materials such as paint, plaster, cleaners or abrasives, and corrosive residues. There shall not be any damaged parts that might adversely affect safe operation or mechanical strength of the equipment such as parts that are broken; bent; cut; deteriorated by corrosion, chemical action, or overheating. Foreign debris shall be removed from equipment. Damaged materials, equipment, appliances, and devices shall not be reused unless such elements have been reconditioned, tested, and placed in good and proper working condition and approved by a Nationally Recognized Testing Laboratory, or by the manufacturer of the equipment. Electrical equipment damaged by natural or man-made events shall be reused only as recommended by the manufacturer of such equipment.

Supporting Information:

The National Electrical Manufacturers Association, in conjunction with Underwriters Laboratories, publishes a guideline for reusing electrical equipment damaged by natural events such as flooding. Not all electrical components are considered to be damaged beyond reuse by water, and these components could potentially be reused. If there is a question concerning reusing specific electrical components, the manufacturer should be consulted.

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1. **Submitters Contact Information:**

Name: John E. Staires Date: 3/23/15
 Company: None
 Address: 9643 S. 90th E. Ave
 City: Tulsa State: OK Zip: 74133
 Phone: 918-640-7656 Ext: _____ Fax: 918-461-2595
 Email: tulsacode@aol.com

2. Do you feel this proposed change will increase the cost of construction? Yes No

3. Which are of the code needs revision?

Section: E3404.7 Table: _____ Figure: _____ Page No: 658

4. Please check the appropriate box:

Revise as follows Delete as follows Add new text as follows Delete with substitute

Show the proposed NEW, REVISED, OR DELETED TEXT in legislative format, (line through text to be deleted and underline text to be added or revised).

See attached revision to E3404.7

Supporting information: State purpose and reason for the change and provide substantiation to support proposed change.

See attached supporting information to E3404.7

5. Signature: John E. Staires

Send completed "Public Comment Form" to:
Oklahoma Uniform Building Code Commission, PO Box 12540, Oklahoma City, OK 73157
Email to: Charlotte.McIntire@oubc.org or Fax to: 405.521.6504

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 Company: None
 Address: 9643 S. 90th E. Ave
 City: Tulsa State: OK Zip: 74133
 Phone: 918-640-7656 Ext: _____ Fax: 918-461-2595
 Email: tulsacode@aol.com

2. Do you feel this proposed change will increase the cost of construction? Yes No

3. Which are of the code needs revision?

Section: E3404.7 Table: _____ Figure: _____ Page No: 658

4. Please check the appropriate box:

Revise as follows Delete as follows Add new text as follows Delete with substitute

Show the proposed NEW, REVISED, OR DELETED TEXT in legislative format, (line through text to be deleted and underline text to be added or revised).

See attached revision to E3404.7

Supporting information: State purpose and reason for the change and provide substantiation to support proposed change.

See attached supporting information to E3404.7

5. Signature: John E. Staires

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Oklahoma Uniform Building Code Commission, PO Box 12540, Oklahoma City, OK 73157
Email to: Shawnte.Mitchell@ombcc.ok.gov or Fax to: 405.521.6504

New Text:

E3702.3 Fifteen- and 20-ampere branch circuits. A 15- or 20-ampere branch circuit shall be permitted to supply lighting units, or other utilization equipment, or a combination of both. The rating of any one cord-and-plug-connected utilization equipment not fastened in place shall not exceed 80 percent of the branch circuit ampere rating. The total rating of utilization equipment fastened in place, other than luminaires, shall not exceed 50 percent of the branch circuit ampere rating where lighting units, cord-and-plug-connected utilization equipment not fastened in place, or both, are also supplied. 20 ampere general-purpose branch circuits shall supply a maximum of 10 outlets. 15 ampere general-purpose branch circuits shall supply a maximum of 8 outlets.

Supporting Information:

The values given in Section E3702 for branch circuit loads have been in place for a number of years, and do not adequately address the potential loads that can be placed on 15 or 20 ampere general-purpose branch circuits. E3702 sets the minimum requirements for branch circuits, and these values do not adequately anticipate the number of appliances available for use, or the potential branch circuit loads of these appliances. A Public Comment limiting the number of outlets connected to 15 or 20 ampere general-purpose branch circuits in multifamily dwellings and commercial structures was approved for adoption as an amendment to the 2014 NEC.