

David Timberlake, P.E.
Chairman



E-4
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: 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: E3702.3 Table: _____ Figure: _____ Page No: 681

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 E3702.3

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

See attached supporting information to E3702.3

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: Shawnte.Mitchell@oubc.org or Fax to: 405.521.6504

David Timberlake, P.E.
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E-8

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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: Greg Clark Date: 8/18/15
Company: _____
Address: 2315 Lindenwood
City: Norman State: OK Zip: 73071
Phone: 405-588-2785 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: E3901.11 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).

Delete section E3901.11

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

This new section requires additional plugs in foyers. The biggest concern is the code does not provide a definition of a foyer or provide a drawing typical of many of the other plug spacing requirements in the code that would help establish what is a foyer vs. a hallway. While there might be instances of wanting a plug in a entry of a home for a lamp and the like the provision as written is too broad. What I might describe as an entry hallway could easily be called a foyer necessitating quite a few more plugs. Unless the committee wants to provide a definition for a foyer I would suggest deleting this section until the language in this section is better detailed in future codes.

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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: E4002.14 Table: _____ Figure: _____ Page No: 725

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).

Delete amendment to E4002.14 appearing in the 2009 IRC addressing the use of tamper-resistant receptacles.

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

The language adopted as an amendment to E4002.14 for the 2009 IRC now appears in the body of this section. It is no longer necessary to list the exceptions to the use of tamper-resistant receptacles.

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: Shawnta.Mitchell@oubcc.ok.gov or Fax to: 405-521-6504

'Progress' made

"As we continue to grieve Raul's loss, we are pleased that so much progress has been made to determine those responsible for his death," the statement says. "Although these charges will not bring Raul back, we hope the notoriety of this case will ensure a tragedy like this does not happen to another family."

Hilton officials could not be reached for comment on Friday.

In an earlier statement, the hotel said, "We believe this was an isolated event, but we are cooperating fully with investigators to determine exactly what happened and to completely address any concerns."

Police on Friday were looking for Gorczyca and Pyle.

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Raul Hernandez died after he was pulled from the pool at Hilton Houston Westchase. (Family photo)



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**Family of man electrocuted in hotel pool
sues Houston Hilton**

Shoddy work by two electricians led to the death of a man at a west Houston hotel swimming pool, police said.

Jason Joseph Gorczyca, 35, and James Ray Pyle, 34, were charged on Friday with criminally negligent homicide.

Officials said the electricians' work on a pool at the Hilton Houston Westchase was done in a "substandard fashion" and led to the death of Raul Hernandez.

The Richmond man died about a week after he was pulled from the hotel's pool after helping save a child, police said.

The child and others were in the water on Aug. 31 when pool lights came on and people began to complain of being shocked, police said.

Hernandez, 27, who was with his family swimming at the west Houston pool, at 9999 Westhelmer near Briarpark, swam to the deep end to help a child get out. After doing that, he could not pull himself out.

Bystanders pulled out Hernandez, then he went into cardiac arrest, police said. Bystanders performed CPR on Hernandez, who was then taken to Memorial Hermann Memorial City Hospital. He died on Sept. 6. Medical examiners ruled his death an accident caused by electrocution.

The electric current was caused by a short in the pool light, police said Friday.

Violations of code

An investigation by police, the city's Public Works and Engineering Department and the Texas Department of Licensing and Regulation also determined the wiring to the pool light lacked a ground fault circuit interrupter that would have immediately cut off the current in the event of a shock, officials said. The pool also lacked proper bonding, police said. Both are violations of the National Electric Code.

The hotel hired Brown Electric, Inc., in June to replace the wiring and bonding for the pool, police said. Pyle, the supervisor for the job, did not get a permit for the work with the City of Houston, police said.

Lawyers for the Hernandez family last month filed suit against Hilton Worldwide and others. The suit, filed by the Hicks Thomas law firm in Houston, seeks more than \$1 million.

Through their attorneys, the family on Friday released a statement after the criminal charges were filed.

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Houston & Texas > News > Houston

Electricians charged in electrocution of man at Houston pool

Police say shoddy work led to man's electrocution

HOUSTON CHRONICLE | November 8, 2013 | Updated: November 8, 2013 10:32pm

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From: Pool and Spa News 2014 | Posted on: June 4, 2014

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Opinion: Ending Pool Shock

By Irv Chazen

Recent incidents of electrocution and electric shock in swimming pools here in South Florida have sparked the media into focusing on measures that would prevent those horrific accidents from recurring.

The Associated Swimming Pool Industries of Florida believes that making the installation of only low-volt pool lights and transformers mandatory would greatly reduce those dangers. Connections of the low-volt pool lights and all other pool component connections should be made only to ground fault interrupter (GFI) circuits in the electrical panel.

The negative feedback to this idea has included comments such as: "We already have too much legislation" and "If the connections are made in accordance with the National Electrical Code, then there should be no reason to install only low-volt lights in pools."

NEC allows the installation of 110-volt lights in pools, but GFI circuit breakers can fail.

A potentially serious problem can exist in older homes with older pools if electrical repairs were made in the home — or where someone had replaced the pool light or pool pump or heat pump, or had installed a ladder — but had failed to check and confirm proper bonding at the time those repairs were made.

In the opinion of ASPI, only low-volt lights with transformers having a GFI panel connection should be allowed in swimming pools. Changes to the NEC and in all other states' building codes are needed.

Our industry needs to take this first important step to rid itself of the stigma that our products harm people. There is no prudent reason for us to wait any longer before we take action that could prevent another person from getting electrocuted in a pool.

To view the CBS video interview that was made after the 7-year-old boy was electrocuted in his family pool, please copy and paste this link into your browser:

<http://miami.cbslocal.com/4dea/2014/05/20/cbs4-exclusive-its-almost-summer-is-your-pool-safe/>

Pool & Spa News would appreciate your feedback.

Irv Chazen is the Builder's Committee chairman and government liaison for the Associated Swimming Pool Industries of Florida.

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KEYWORDS

Subject
Pools, Building Codes, Electrical Codes, Hot Tubs, Lifesaver, ...

Location
Miami-Fort Lauderdale-Pompano Beach, FL

POOL & SPA NEWS' NETWORK



David Timberlake, P.E.
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E-60

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 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: E4206.4.1 Table: _____ Figure: _____ Page No: 740

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).

E4206.4.1 Maximum voltage. Luminaires shall not be installed for operation on supply circuits over 150 volts between conductors. Luminaires shall not operate above the low-voltage contact limit as defined in E4201.2

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

In the past several years there have been documented instances of electrocutions related to faulty swimming pool lighting. There are numerous swimming pool luminaires available that operate at or below 15 volts AC, including incandescent, LEC and optical fiber types. A companion public comment was submitted and approved for Section 680.23 (A)(4) of the 2014 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: Shounta.Mitchell@oubaa.ok.gov or Fax to: 405 521 6504

COPY

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.

Copy of Attachment
to PCF E-3
2015 IRC
for
E3404.7


04/16/15

Copy of 2015 Rules
Submitted for 2014 NEC

~~748:20-9-6, NEC@ 2014 2014 Article 90 Introduction~~

~~Article 90 of the Oklahoma adopted NEC@ 2014 2014 includes the following Preamble at the very beginning of the chapter:~~

- ~~(1) Pursuant to 59 O.S. § 1000.23, the Uniform Building Code Commission OUBCC has adopted the National Electrical Code®, 2011 Edition (NEC@ 2014 2014) as amended and revised by the Commission OUBCC, as the statewide minimum standards code to be used by all entities for commercial electrical construction in jurisdictions throughout the State of Oklahoma. However, the Commission's OUBCC's adoption of Article 90 "Introduction" of the NEC @ 2014 2014 is for continuity purposes and the Commission's OUBCC's adoption of Article 90 recognizes the methods of best practice in fully implementing the statewide minimum standards code for commercial electrical construction.~~
- ~~(2) All provisions of the adopted NEC@ 2014 2014, including Article 90, as amended and revised by the Commission OUBCC, are hereby established and adopted as the statewide minimum standards code for commercial electrical construction in Oklahoma pursuant to 59 O.S. § 1000.23, which may only be amended or altered pursuant to Oklahoma law and the administrative rules of the Oklahoma Uniform Building Code Commission OUBCC as set forth in Title 748, Chapter 15 of the Oklahoma Administrative Code. However, the provisions of Article 90 adopted herein are only intended to be in force and effect to the extent that the respective provisions do not conflict with State law or the lawful exercise of code administration and enforcement jurisdiction by entities empowered to do so pursuant to applicable law.~~
- ~~(3) The Commission's OUBCC's adoption of Article 90 in this manner is made with the recognition that the legal authority granting state and local code administration and enforcement jurisdictions the power and discretion to administer and enforce codes arises from Oklahoma laws governing those jurisdictions. Furthermore, the Commission OUBCC also recognizes that many state and local code administration and enforcement jurisdictions have already created, or have the lawful authority to create, departments, offices and administrative policies pursuant to various applicable laws and other adopted model codes with "Introduction" provisions similar to Article 90 of the adopted NEC@ 2014 2014.~~
- ~~(4) This limited adoption of Article 90 is made in recognition of the authority and discretion possessed by jurisdictions to administer and enforce building codes. Exercising such authority and jurisdiction in a manner inconsistent with Article 90 must be supported by Oklahoma law. Code administration and enforcement jurisdictions shall not use the Commission's OUBCC's limited adoption of Article 90 to circumvent the remainder of the requirements established by the Oklahoma adopted NEC@ 2014 2014 and the Commission OUBCC will strongly oppose any such practice.~~

~~748:20-9-6.1, NEC@ 2014 Chapter 1 General~~

~~Chapter 1 is adopted with the following modifications:~~

~~(1) Article 100 Definitions. This section has been modified to include a definition of a nationally recognized testing laboratory. This section has been modified to read: 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.~~

~~(2) Section 110.12 (B) Integrity of Electrical Equipment and Connections. This section has been modified to allow for the reuse of existing electrical equipment, rather than requiring new replacements when certain conditions are met. This section has been modified to read: 110.12 (B) Integrity of Electrical Equipment and Connections. 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, abrasives, or corrosive residues. There shall be no damaged parts that may adversely affect safe operation or mechanical strength of the equipment such as parts that are broken; bent; cut; or deteriorated by corrosion, chemical action or overheating. 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.~~

*
New
Definitions
NRTL

NRTL
Wording

[Signature]
04/16/15