

Technical Codes and Advisory Committee

June 12th, 2018

9:00 AM

**8181 Independence Blvd
Baton Rouge, Louisiana 70806
Meeting Minutes**

The Chair welcomed all present and **called the meeting to order at 9:11 AM**

The Pledge of Allegiance was recited.

The Chair requested a roll call of the members which reflected the following:

Members Present: Mr. Chester Cabirac; Mr. Marty Campbell; Mr. Jake Causey;
Mr. Jerry Hebert; Mr. Gerard Rinchuso; Mr. David Thibodeaux; Mr. Ben Gootee;
Mr. Bren Kramer; Mr. Harris

Members Absent: Mr. Linden Raimer (Ex-Officio); Mr. Dhume

Excused absence: Mr. Linden Raimer (Ex-Officio); Mr. Dhume

7 members present and 3 members absent constitute a Quorum.

OLD BUSINESS:

1. Review and Adoption of the Minutes from the April 10th 2018 meeting.

A **motion was made** by Mr. Thibodeaux to adopt the minutes from the April 10th, 2018 meeting. The **motion received a second** from Mr. Campbell. The Chair asked if there were any objections to the motion. There were no objections and the **motion was approved**.

2. Discussion on plumbing concerns and proposed plumbing amendments to 2015 IPC, 2015 IRC, and existing Louisiana amendments addressing plumbing. (Jerry Hebert)

The Chair asked if all of the amendments were DHH amendments. Mr. Harris noted that they were from the 2016 amendments. Mr. Hebert asked Mr. Harris to take each one of the plumbing amendments and discuss each one. That was acceptable with Mr. Joiner.

1. Lead Free – The amendment was brought forth with the request that the definition and amendment of Lead Free as stated in Chapter 2

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Add the following Chapter 2 definitions and amend as follows:

Human Consumption—the use of water by humans for drinking, cooking, bathing, showering, hand washing, dishwashing, or maintaining oral hygiene.

Lead Free—

(a). in general:

(i). not containing more than 0.2 percent lead when used with respect to solder and flux; and

(ii). not more than a weighted average of 0.25 percent lead when used with respect to the wetted surfaces of pipes, pipe fittings, plumbing fittings, and fixtures.

(b). calculation:

(i). the weighted average lead content of a pipe, pipe fitting, plumbing fitting, or fixture shall be calculated by using the following formula:

[a]. for each wetted component, the percentage of lead in the component shall be multiplied by the ratio of the wetted surface area of that component to the total wetted surface area of the entire product to arrive at the weighted percentage of lead of the component. The weighted percentage of lead of each wetted component shall be added together, and the sum of these weighted percentages shall constitute the weighted average lead content of the product. The lead content of the material used to produce wetted components shall be used to determine compliance with Division (a)(ii) above. For lead content of materials that are provided as a range, the maximum content of the range shall be used.

A **motion was made** by Mr. Causey to add Item #1 the definitions and amend Human Consumption and Lead Free as is stated above and in Chapter 2 of the 2015 IRC Amendments. The **motion was seconded** by Mr. Thibodeaux. There were no objections to the motion. The **motion passed**.

Add Section P2902.5.6, Connections to swimming pools.

i. The potable water supply to swimming pools shall be protected against backflow by an air gap or reduced pressure principal backflow prevention assembly.

A **motion was made** by Mr. Thibodeaux to add Item #2 Section P2902.5.6 Connections to swimming pools as state above. The **motion was seconded** by Mr. Harris. There were no objections to the motion. The **motion passed**.

Add Section P2902.5.7, Connections to animal watering troughs, ornamental fountains, or other similar equipment.

i. The potable water supply to animal watering troughs, ornamental fountains, or other similar fixtures shall be protected against backflow by an air gap.

The floor was opened for discussion. This is a concern to prevent infection being passed through the water from those items used by animals that could contaminate the public water system.

A **motion was made** by Mr. Campbell to add Item #3 Section P2902.5.7 Connections to animal watering troughs, ornamental fountains, or other similar equipment. The **motion was seconded** by Mr. Rinchuso. There were no objections to the motion. The **motion passed**.

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Amend Section P2906.2.1, Lead content of water supply pipe and fittings used for human consumption. Water Piping Quality. All potable water pipes, fittings, valves, and fixtures used to provide water for human consumption shall be *lead free* and shall be evaluated and listed as conforming with NSF/ANSI 372. Any solder or flux which is used in the installation or repair of any public water system or any plumbing in a residential or nonresidential facility providing water for human consumption shall be *lead free*.

i. Exception: The lead free requirement above shall not apply to:

(a). leaded joints necessary for the repair of existing cast iron pipes;

(b). fire hydrants, pipes, pipe fittings, plumbing fittings, or fixtures, including backflow preventers, that are used exclusively for nonpotable services such as manufacturing, industrial processing, irrigation, outdoor watering, or any other uses where the water is not anticipated to be used for human consumption; or

(c). toilets, bidets, urinals, fill valves, flushometer valves, tub fillers, shower valves, service saddles, or water distribution main gate valves that are 2 inches in diameter or larger.

A **motion was made** by Mr. Causey to add Item #4 Section P2906.2.1 Lead content of water supply pipe and fittings used for human consumption. The **motion was seconded** by Mr. Harris. There were no objections to the motion. The **motion passed**.

Add Section P2914, Separation of Water Service from Contamination.

Add Section P2914.1, Potable Water (Pressure) Lines Near Soil Absorption Trenches, Sand Filter Beds, Oxidation Ponds, and any Effluent Reduction Option (Effluent Reduction Fields, Rock Plant Filters, Spray Irrigation Systems, Overland Flow Systems, Mound Systems, or Subsurface Drip Disposal Systems).

i. Underground potable water (pressure) lines shall not be located within 25 feet (7.6 m) of any soil absorption trenches, sand filter beds, oxidation ponds, or any effluent reduction option including, but not limited to effluent reduction fields, rock plant filters, spray irrigation systems (from the edge of the spray and its drainage), overland flow systems (from the discharge point and field of flow), mound systems, or subsurface drip disposal systems which have been installed for either the disposal of septic tank effluent or mechanical treatment plant effluent.

The floor was opened for discussion. After a lengthy discussion the Chair moved for a motion.

A **motion was made** by Mr. Causey to add Items #5 Section P2914 Separation of Water Service from Contamination and P2914.1 Potable Water (Pressure) Lines Near Soil Absorption Trenches, Sand Filter Beds, Oxidation Ponds, and any Effluent Reduction Option (Effluent Reduction Fields, Rock Plant Filters, Spray Irrigation Systems, Overland Flow Systems, Mound Systems, or Subsurface Drip Disposal Systems). The **motion was seconded** by Mr. Campbell. There were no objections to the motion. The **motion passed**.

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Add Section P2914.2, Potable Water (Pressure) Lines Near Septic Tanks, Mechanical Sewage Treatment Plants, and Pump Stations.

i. Underground potable water (pressure) lines shall not be located within 10 feet (3.0 m) of any septic tank, mechanical sewage treatment plant, or sewage pump station.

These were newly added sections that need to be added to the 2015 IRC. The Floor was opened for discussion. After discussion the Chair requested a motion.

A motion was made by Mr. Causey to add Item #6 Section P2914.2 Potable Water (Pressure) Lines Near Septic Tanks, Mechanical Sewage Treatment Plants, and Pump Stations. **The motion was seconded** by Mr. Rinchuso. There were no objections to the motion. **The motion passed.**

Add Section P2914.3, Potable Water (Pressure) Lines Near Seepage Pit, Cesspool, or Sanitary Pit Privy.

i. Underground potable water (pressure) lines shall not be located within 50 feet (15.2m) of any seepage pit, cesspool, or sanitary pit privy.

A motion was made by Mr. Thibodeaux to add Item #7 Section P2914.3 Potable Water (Pressure) Lines Near Seepage Pit, Cesspool, or Sanitary Pit Privy. **The motion was seconded** by Mr. Rinchuso. There were no objections to the motion. **The motion passed.**

Add Section P2914.4, Reclaimed Water Lines.

i. Reclaimed water lines shall be considered and treated as though they are sewerage lines and shall be installed in accord with the spacing requirements of Section 2906.4.1 for the protection of potable water lines.

A motion was made by Mr. Campbell to add Item #8 Section P2914.4 Reclaimed Water Lines, as stated above. **The motion was seconded** by Mr. Thibodeaux. There were no objections to the motion. **The motion passed.**

The Chair then turned the floor over to Mr. Campbell to discuss the recommendation to amend Section 605.5 2015 IRC

13. Amend Section 605.5, Fittings.

a. Pipe fittings shall be approved for installation with the piping material installed and shall comply with the applicable standards listed in Table 605.5. Pipe fittings utilized in water supply systems shall also comply with NSF 61. Ductile and gray iron pipe fittings shall be cement mortar lined in accordance with AWWA C104. For repairs all copper, brass and stainless steel joints below a building slab shall be brazed and/or welded in accordance with the requirements of this code, as appropriate. With the exception of heat fused polypropylene, all other joints and fittings for plastic pipe below a building slab are prohibited.

14. Amend Table 605.5, Pipe Fittings Table

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q. Amend Section P2905.6, Fittings.

i. Pipe fittings shall be approved for installation with the piping material installed and shall comply with the applicable standards listed in Table P2905.6. All pipe fittings used in water supply systems shall also comply with NSF 61. For repairs all copper, brass and stainless steel joints below a building slab shall be brazed and/or welded in accordance with the requirements of this code, as appropriate. With the exception of heat fused polypropylene, all other joints and fittings for plastic pipe below a building slab are prohibited.

r. Amend Table P2905.6, Pipe Fittings.

i. Table P2905.6 □ Pipe Fittings

The floor was open for discussion concerning plastic fittings being used under the slab. There have been issues and concerns with joints being allowed under the slab and concerns with access in the event of leaks or pipe burst. The Amended Table - Pipe Fittings is just a list of the material standards for pipe fittings that can be used for repairs under the building slab.

A **motion was made** by Mr. Cabirac to add Item #9 and #10 IPC 605.5 and the coordinating table along with IRC P2906.6 and coordinating tables r and i and remove the words “for repairs”. The **motion was seconded** by Mr. Causey. There were no objections to the motion. The **motion passed**.

House Bill 708

Mr. Joiner requested that Mr. Ron Crouch, Attorney for the LSUCCC, discuss with the committee the introduction and proposed legislation known as House Bill 748. The new legislation states that any board or commission cannot be comprised of members who are actually part of the industry in which they regulate. He voiced his caution to make sure that any motions and adoptions be so that no can be singled out and not allowed to perform business in the state.

NEW BUSINESS

Mr. Joiner noted that he has sent out an update on Tiny House’s on chassis’ He is having some issues with getting responses out of those he has sent inquiries to.

Rick Kensal of Coburn Supply requested to speak to the Technical Committee. He requested that the Tech Committee research ventilation rates for new construction homes. The state requires 7 AC/HR or less for new construction homes. The intent of adding the blower door test was to provide proper means testing but it is was not going to be required until 3 AC/HR. The way it is set up makes it difficult for the Air Conditioner Contractor to do proper calculations in order to provide the best and most efficient system. The leak rate needs to be added to the

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Louisiana Code for mechanical ventilation as “shall be able to”, which means during the inspection you have 100% of ventilation air which requires everything is being taped off. As a result now there is a mold issue due to not providing enough ventilation. Mr. Kensal suggested that the wording be brought back to “shall provide” instead of “shall be able to” The Chair requested Mr. Kensal would provide this is writing to Mr. Mark Joiner so he can add it to the next Technical Committee so they will be able to address the concern.

Mr. Mark Roberts clarified a concern that was brought up during an earlier discussion. The IRC, R306 Building Planning Chapter, does not specify what washing machine connections shall be used but it does lay out what is required to be provided in a single family dwelling. In the area of water supply fixtures the IRC does address washing machine outlets but it does not require washing machine outlets.

The Chair requested a motion to adjourn. The **motion was made** by Mr. Causey to adjourn. The **motion received a second**. The **meeting ended at 10:05 am**.

END OF MINUTES