

2018 International Plumbing Code (IPC) and
2018 International Swimming Pool and Spa (ISPSC)
Task Force First Meeting
November 27, 2018
Minutes

MEETING BEGINS - 10:00 AM

WELCOME

- Ted Miltiades, DCA Director of Codes and Research welcomed everyone and Introductions were made around the room of task force members, DCA staff, interested parties and guests.
- Ted Miltiades administered the CHARGE to the Task Force.
- Ted asked the Task Force members to read and sign a Disclosure Statement.
- Ted then turned the meeting over to Chairman Billy Guinade.

DISCUSSION OF SCOPE OF WORK

- Billy Guinade explained the scope of the work to the Task Force which included the meeting schedule, review of the new code editions and any proposed new and existing amendments. The task force will meet for a total of 5 meetings. A preliminary task force report will be made at the February SCAC meeting. A final task force report with recommendations will be made at the July SCAC meeting. (see attached Meeting Schedule)
- Each of the 2018 IPC and 2018 ISPSC chapters were assigned to a team leader and other task force members. Each team will review the significant code changes and any proposed new code amendments, as well as, any existing 2014 and 2015 GA amendments which may be carried forward. (See attached Amendment Report Form.)

PRESENTATIONS

- Tom Allen, ICC Regional Manager of Government Relations, made a presentation on the highlights of the significant changes in the 2012 to 2015 to 2018 IPC code editions. He answered any technical code questions regarding the changes from the task force members and audience.
- Melissa Tobin-D'Angelo, MD, Epidemiologist with the Georgia Department of Public Health, made a presentation on the etiology of the Legionella bacteria that live in water and can make people sick when they inhale contaminated water from building premise water systems that are not adequately maintained. The most common type is Legionella pneumophilla, Type 1. Legionella are found in warm and low flow stagnant water where biofilms are present, e.g. cooling towers, hot tubs and spas, hot water tanks, showers and decorative fountains where misting occurs. It can also be found in potable water systems. Legionnellois usually takes 1-2 weeks to incubate and is treated successfully with antibiotics, but can sometimes be fatal (9%). Certain groups of people are more likely to become seriously ill when infected with Legionella: Individuals 50 years of age or older, people with chronic lung disease, individuals with weakened immune systems and smokers. Examples of remediation that have been used during outbreaks include the hyper-chlorination or super-heating of water. Having a water management program can be used in a preventive way and also can be adapted in an outbreak setting. Hospitals and healthcare facilities in Georgia are now required to have water management programs in accordance with the Centers for Medicare and Medicaid Services. One cost example provided by a private consulting firm for the steps required during an outbreak investigation is \$15,000. This includes assessments, recommendations, and reports, but not the cost of microbiological testing.

LUNCH BREAK – 11:40 AM until 12:40 PM. Lunch was provided for task force members and DCA staff.

PRESENTATIONS (continued)

- Claressa Lucas, PhD, Microbiologist with the Centers for Disease Control (CDC) and Prevention made a presentation on the ASHRAE Standard 188-2015, *Legionellosis: Risk Management for Building Water Systems*. Dr. Lucas is a member of the ASHRAE Standard 188 development committee. The purpose of this standard is to provide information and guidance on minimum best practices to manage the risk of legionellosis transmission in building water systems. Dr. Lucas explained how the risks of Legionellosis can be minimized if the guidelines in ASHRAE 188 are followed during the design, construction, commissioning, operation, maintenance, repair, replacement and expansion of new and existing buildings and their water systems and components. Dr. Lucas also made a presentation on the CDC investigations for the Legionella outbreaks that she conducted. She presented data summarizing results from 27 outbreaks investigated by CDC between 2000-2014 CDC investigated. Most of the cases occurred in hotels, hospitals and long term care facilities and approximately 90% of them could have been prevented by the implementation of a robust water management program. The outbreaks occurred in both new and existing buildings. Due to the very recent outbreak of Legionella in the Bronx, NYC; legislation to mandate the ASHRAE 188 standard has been adopted by NYC and NY State. Portions of the current ASHRAE 188 Standard have been adopted by Vancouver, BC. The City of Garland, Texas, mandates routine testing of cooling towers for *Legionella* in certain settings. At least 4 federal agencies have guidelines or policy development for the primary prevention of Legionellosis, including CDC, Environmental Protection Agency (EPA), Veterans Health Administration (VHA), and OSHA.

CHAPTER REVIEW ASSIGNMENTS (See attached amendment report.)

- Chapter 1 'Scope and Administration' - Josh Roth, Team 1 Leader.
 - Items 01-02 scoping provisions were recommended to carry forward as written.
- Chapter 2 'Definitions' – Josh Roth, Team 1 Leader
 - Items 03-04 definitions of 'High Efficiency Plumbing Fixtures and Fittings' and 'Lavatory Faucet' were recommended to carry forward as written.
 - Item 05 definition of 'Lead-free Pipe and Fittings' was not recommended to carry forward.
 - Item 06 definition of 'Plumbing Fixture' was recommended to carry forward.
 - Item 07 definition of 'Plumbing Fixture Fitting' was recommended to carry forward as revised.
 - Item 08 was not found. The numbering sequence was incorrect on report form.
 - Item 09 definition of 'Pressurized Flushing Device' was recommended to carry forward as written.
 - Item 10 definition of 'Public Sewer' was recommended to carry forward as revised.
 - Items 11-14 definitions of 'Toilet, Water Closet, WaterSense, and WaterSense Listed Plumbing Fixture or Plumbing Fixture Fitting' were recommended for approval as written.

CHAPTER REVIEW (continued)

- Chapter 3 'General Regulations' - Josh Roth, Team 1 Leader
 - Item 15 Section 300.1 'Scope' was recommended for approval as revised to delete the second sentence in the first paragraph.
 - Item 16 Section 300.1.1 'Requirements for high efficiency plumbing fixtures' was recommended for approval as written.
 - Item 17 Section 301.1.2 'Waiver of requirements for high efficiency plumbing fixtures' was recommended for approval as written.
 - Items 18 through 22 were tabled to be revisited later.
 - 25 were recommended for approval as written.
 - Item 26 Section 308.6 'Sway Bracing' was not recommended to carry forward.
 - Item 27 Section 305.7 'Anchorage' was not recommended to carry forward.
 - Item 28 Section 311 'Toilet facilities' was recommended to carry forward.
 - Item 29 Section 312.1 'Required tests' was not recommended to carry forward.
 - Item 30 Section 312.5 'Water supply system test' was not recommended to carry forward.
 - Item 31 Section 314 'Condensate disposal' was recommended to carry forward as written.

Voting on Chapter 3 was tabled until the above items to be revisited have been reviewed and addressed.

Motion was made by Josh Roth (first) and Stanley Richardson (second) to accept the recommendations for Chapters 1 and 2 to carry forward the approved previous state amendments as written and adjusted. Motion passed unanimously. (See first meeting amendment report dated 11-27-18.)

CONCLUSION OF MEETING

- No other Old or New Business.
- The next meeting will be held on Tuesday, December 11, 2018 at 10:00 in DCA Room 302.

ADJOURN – 3:05 AM

MEETING ATTENDEES

TASK FORCE MEMBERS: Billy Guinade, Chairman; Joel Rodriguez, Vice-Chairman; Josh Roth, Jacob Hill, Maurice Redmond, Stanley Richardson, Shawn Still, Ron Anderson, Joe Messina, Patrick Peterson.

TASK FORCE MEMBERS ABSENT: Pam Burnett, member, was absent.

DCA STAFF: Ted Miltiades, Bill Towson, Jimmy Reynolds and Brendon Sexton.

GUESTS: Tom Allen, ICC; Stephen Davis, Greater Atlanta HBA; John Jarrod, Hudson Group; Steve Ferguson, ASHRAE; Ryan Shanley, ASHRAE; Travis Glover, SPE; Meghan McNulty, ASHRAE; Melissa Tobin-D'Angello; Windell Peters, SCAC; Bettie Sleeth, HBAG; Liz Hannapel, GA-DPH; Andrew Morris, Metro Water District; Claressa Lucas, CDC/ASHRAE; **Chris Manganiello**, Chattahoochee River Keepers, Rufus Kay, ASPE.

ATTACHMENTS:

- Meeting schedule
- Proposed Amendment Report