

IPC



**2019 GROUP B PROPOSED  
CHANGES TO THE I-CODES  
ALBUQUERQUE COMMITTEE  
ACTION HEARINGS**

April 28 - May 8, 2019  
Albuquerque Convention  
Center, Albuquerque, NM

2018-2019 Code Development Cycle, Group B (2019) Proposed Changes to the 2019 *International Codes*

First Printing

Publication Date: March 2019

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## **IPC Code Change Proposal**

The following code change proposals are labeled as Plumbing code change proposals because they are proposals for changes to sections in chapters of the International Plumbing Code that are designated as the responsibility of the IPC Development Committee (see page x of the Introductory pages of this monograph). However the changes included in this Group B code development cycle are to sections of the code that have been prefaced with a [CE], meaning that they are the responsibility of a different IECC Code Development Committee—IECC-Commercial Committee [CE].

The committee assigned for each code change proposal is indicated in a banner statement near the beginning of the proposal.

# P1-19

IPC@: [E] 607.5 (New)

**Proponent:** Craig Dipetrillo, representing self (cjd@dipetrilloproperties.com)

THIS PROPOSAL WILL BE HEARD BY THE IECC RE COMMITTEE. PLEASE THE TENTATIVE HEARING ORDER FOR THIS COMMITTEE.

## 2018 International Plumbing Code

**Revise as follows:**

**[E] 607.5 Insulation of piping.** For other than Group R2, R3 and R4 occupancies that are three stories or less in height above grade plane, piping to the inlet of a water heater and piping conveying water heated by a water heater shall be insulated in accordance with Section C404.4 of the International Energy Conservation Code. For Group R2, R3 and R4 occupancies that are three stories or less in height above grade plane, piping to the inlet of a water heater and piping conveying water heated by a water heater shall be insulated in accordance with Section R403.5.3 of the International Energy Conservation Code. Pipe insulation shall be continuous except where the piping passes through a framing member.

**Reason:** The intent of the proposal is to have consistency where the code requires insulation of water piping "to be continuous" as currently written in C404.5

Testimony:

### SUBMITTAL FOR CONTINUOUS INSULATION

For the past 25 years I have been a Commissioner on the Rhode Island Building Code Standards Committee as both a member and chairman. During those years I have been the chairman or member of the Energy, Mechanical and Plumbing Subcommittees. I have been very pleased with the progress of the energy conservation in mechanical and plumbing systems especially relating to insulation of piping. The ICC has clearly recognized the importance of pipe insulation used for hot water conveyance. Over the years ICC has established requirements of insulation of piping and how to install the insulation to achieve maximum energy savings. Specifically, the requirement of continuous insulation through the hangers/supports as addressed in section C404.4 of the IECC. Upon discussions established by Craig DiPetrillo in regards to his findings of inconsistency, and during my research I have noticed that the IMC and IPC have not clearly delineated the continuous insulation (C404.4) requirement. I have asked Craig DiPetrillo to introduce an amendment to Section 607.5 to address this installation methodology.

Sincerely yours,

Gordon W. Preiss P. E., LEED AP

**Rhode Island Building Code Standard Committee Commissioner**

Westerly R. I. 02891

**Cost Impact:** The code change proposal will not increase or decrease the cost of construction

The intent of the proposal is only for clarification and consistency of requirements. As such, there is no change in materials or labor to install for where the code currently requires insulation of water piping "to be continuous".

Proposal # 1381

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