

**SOUTH CAROLINA BUILDING CODES COUNCIL
2021 INTERNATIONAL PLUMBING CODE
MEETING MATERIALS
OCTOBER 6, 2021**



[REDACTED]
Subject: Plumbing Code Modifications

---- SCDLLR NOTICE (M365) ----

- **This email is from an external email address. Please use caution when deciding whether to open any attachments or when clicking links.**
- **Personally Identifiable Information (PII) should not be included in e-mail text or attachments. Do not save or transmit PII unencrypted.**

Molly and Maggie,

Please find attached proposed Plumbing Code Modifications being submitted by Carolinas AGC and supported by AIASC and the American Heart Association.

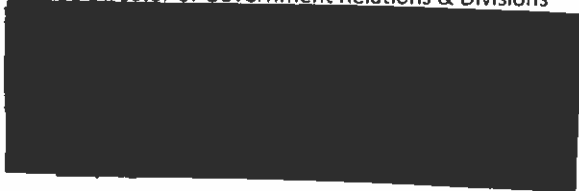
- The first document is a summary of the proposed changes with the supporting documents embedded.
- The 2nd, 3rd, and 4th attachments are PDF's of the completed and signed modification forms, including AHA's intent to speak in support.
- The 5th attachment is the supporting letter from AIASC.
- The 6th attachment is the letter from CAGC proposing the changes and authorizing me to submit on behalf of our membership.

Please let me know if there are any questions or any documentation that is missing.

Thanks,

Leslie

Leslie B. Clark, Carolinas AGC
VP of Operations
SC Director of Government Relations & Divisions



<https://www.cagc.org/> | [Build Your Career](#) | [Young Leaders](#)



South Carolina Department of Labor, Licensing and Regulation
South Carolina Building Codes Council
 110 Centerview Dr • Columbia • SC • 29210
 P.O. Box 11329 • Columbia • SC • 29211-1329
 Phone: 803-896-4688 • contact.bcc@llr.sc.gov • Fax: 803-896-4814
 llr.sc.gov/bcc

2021 IPC-1
 2021 IPC-2
 2021 IPC-3
 2021 IPC-4

2021 BUILDING CODE MODIFICATION REQUEST FORM

Requirements:

- All requests must be submitted by September 22, 2021.
- Each request for code modification must be submitted separately.
- A cover letter from the local jurisdiction or professional association stating that the individual is authorized to present the proposed amendment; and verification that the proposed amendment has the support of at least a majority of the members of the board or council governing the local jurisdiction or professional association proposing the modification.
- Sufficient test information, studies, data, or other documentation that would be necessary to fully explain and justify the proposed amendment
- For local modification requests only: the physical or climatological basis for the request and the reason that the suggested change would correct the condition.
- A local jurisdiction or professional association shall not propose a modification which will amend, suspend, eliminate or supersede an existing statute, policy, rule or regulation of any state or federal agency per S.C. Regulation 8-240 (H).
- A completed modification request must be received with all required documentation before it will be reviewed.

Statewide Modification

Local Modification: _____
 (List all jurisdictions that apply.)

Association/Jurisdiction: Carolinas Associated General Contractors

Address _____
 Street City State Zip

Name: Leslie Clark Title/Position: VP of Ops/Dir of Govt Relations

Phone: _____ Email Address: _____

Please select the applicable code to be modified:

2021 International Plumbing Code

Please list the exact code section, table, figure, or appendix to be modified, and attach a photocopy of the applicable code section: 202 General Definitions

Code section as modified:

(Please strike through language being removed, and put language to be added in parentheses. Use additional pages as needed.)

202 General Definitions

Modification #1 -- modification to definition of 'drinking fountain'

DRINKING FOUNTAIN. A plumbing fixture that is connected to the potable water distribution system and the drainage system. The fixture allows the user to obtain a drink directly from a stream of flowing water without the use of any accessories. ((Such fixtures can be separate from or integral to a bottle filling station.))

Modification #2 -- new definition for 'bottle filling station'

~~((BOTTLE FILLING STATION. A type of water dispenser that is connected to the potable water distribution system and the drainage system. The fixture is designed and intended for automatically or manually filling personal use drinking water bottles or containers not less than 10 inches (254 mm) in height and is in compliance with the Americans with Disabilities Act (42 U.S.C. § 12101 et seq.). Such fixtures can be separate from or integral to a drinking fountain and can incorporate a water filter and a cooling system for chilling the drinking water.))~~

Modification #3 -- modification to definition of 'water cooler'

WATER COOLER. A drinking fountain ((or bottle filling station)) that incorporates a means of reducing the temperature of the water supplied to it from the potable water distribution system.

Modification #4 -- modification to definition of 'water dispenser'

WATER DISPENSER. A plumbing fixture that is ((automatic or)) manually controlled by the user for the purpose of dispensing potable drinking water into a receptacle such as a cup, glass or bottle. Such fixture is connected to the potable water distribution system of the premises. ~~((This definition includes a freestanding apparatus for the same purpose that is not connected to the potable water distribution system and that is supplied with potable water from a container, bottle or reservoir.))~~

9/28 Study Committee Recommendation: Support approval

In 200 characters or less, please briefly describe the justification for this modification request.

Defines modern plumbing fixtures for sanitary drinking water access to the public. There is less frequent manual contact with water bottle filling stations versus drinking fountains. Filling stations allow for transportable water, encourage water consumption, and are more sanitary than drinking fountains. Bottle filling stations quickly and efficiently dispense water into receptacle. UPC recognizes bottle filling station and integrated function of drinking fountain. Bottle filling station included in UPC because 1) more hygienic, 2) saves up to 50% of wastewater generated as compared to drinking fountain, 3) reflects market trends.

Per Regulation 8-240(E)(5), please list the persons with their titles and affiliations, known at the time of submittal, who will provide testimony in favor of the amendment. Due to the possibility of virtual hearings, **all information is the table below is required** to ensure proper notification. Use additional pages as needed.

Name	Title	Affiliation	Phone Number	Email Address
Leslie Clark	VP of Ops/Dir of Govt Relations	CAGC		
Yarley Steedly	Govt Relations Director	American Heart Association		

Affirmation

I certify that all information in this form, including all supplementary documents submitted with this form, are true and correct to the best of my knowledge after undertaking due diligence to determine their accuracy.

Signature: Leslie Clark Date: 9/12/2021

Title: VP of Ops/Dir of Govt Relations



South Carolina Department of Labor, Licensing and Regulation
South Carolina Building Codes Council
110 Centerview Dr • Columbia • SC • 29210
P.O. Box 11329 • Columbia • SC • 29211-1329
Phone: 803-896-4688 • contact.bcc@llr.sc.gov • Fax: 803-896-4814
llr.sc.gov/bcc

2021 BUILDING CODE MODIFICATION REQUEST FORM

Requirements:

- All requests must be submitted by September 22, 2021.
Each request for code modification must be submitted separately.
A cover letter from the local jurisdiction or professional association stating that the individual is authorized to present the proposed amendment; and verification that the proposed amendment has the support of at least a majority of the members of the board or council governing the local jurisdiction or professional association proposing the modification.
Sufficient test information, studies, data, or other documentation that would be necessary to fully explain and justify the proposed amendment
For local modification requests only: the physical or climatological basis for the request and the reason that the suggested change would correct the condition.
A local jurisdiction or professional association shall not propose a modification which will amend, suspend, eliminate or supersede an existing statute, policy, rule or regulation of any state or federal agency per S.C. Regulation 8-240 (H).
A completed modification request must be received with all required documentation before it will be reviewed.

[X] Statewide Modification

[] Local Modification:

(List all jurisdictions that apply.)

Association/Jurisdiction: Carolinas Associated General Contractors

Address: [Redacted] State Zip

Name: Leslie Clark Title/Position: VP of Ops/Dir of Govt Relations

[Redacted] Email Address: [Redacted]

Please select the applicable code to be modified:

2021 International Plumbing Code

Please list the exact code section, table, figure, or appendix to be modified, and attach a photocopy of the applicable code section: Table 403.1, Minimum Number of Required Plumbing Fixtures

Code section as modified:

(Please strike through language being removed, and put language to be added in parentheses. Use additional pages as needed.)

See attachment Table_403.1_Modification

Add column to table ((BOTTLE FILLING STATION))

Row 3 Educational, under Bottle Filling Station column, add: ((1 per 200 with placement of 1 on each floor (or wing, or other building section) and 1 in school food service areas))

9/28 Study Committee Recommendation: Support approval

In 200 characters or less, please briefly describe the justification for this modification request.

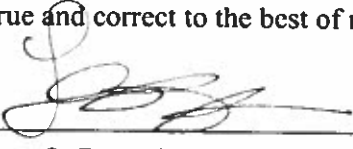
The CDC now encourages staff and students to bring their own water to minimize use and touching of water fountains. This necessitates updates to the plumbing code in educational settings to allow for easy access to drinking water throughout the day for hydration needs. One study found that drinking fountains and manual pencil sharpener handles had more germs than any other surface in the classroom. Adequate water intake can positively impact children's cognitive performance, particularly short-term memory. Drinking water can also improve children's visual attention and fine motor skills.

Per Regulation 8-240(E)(5), please list the persons with their titles and affiliations, known at the time of submittal, who will provide testimony in favor of the amendment. Due to the possibility of virtual hearings, **all information in the table below is required** to ensure proper notification. Use additional pages as needed.

Name	Title	Affiliation	Phone Number	Email Address
Leslie Clark	VP of Ops/Dir of Govt Relations	CAGC		
Yarley Steedly	Gov Relations Director	American Heart Association		

Affirmation

I certify that all information in this form, including all supplementary documents submitted with this form, are true and correct to the best of my knowledge after undertaking due diligence to determine their accuracy.

Signature: 

Date: 9/13/2021

Title: VP of Ops/Dir of Govt Relations



South Carolina Department of Labor, Licensing and Regulation
South Carolina Building Codes Council
 110 Centerview Dr • Columbia • SC • 29210
 P.O. Box 11329 • Columbia • SC • 29211-1329
 Phone: 803-896-4688 • contact.bcc@llr.sc.gov • Fax: 803-896-4814
 llr.sc.gov/bcc

2021 BUILDING CODE MODIFICATION REQUEST FORM

Requirements:

- All requests must be submitted by September 22, 2021.
- Each request for code modification must be submitted separately.
- A cover letter from the local jurisdiction or professional association stating that the individual is authorized to present the proposed amendment; and verification that the proposed amendment has the support of at least a majority of the members of the board or council governing the local jurisdiction or professional association proposing the modification.
- Sufficient test information, studies, data, or other documentation that would be necessary to fully explain and justify the proposed amendment
- For local modification requests only: the physical or climatological basis for the request and the reason that the suggested change would correct the condition.
- A local jurisdiction or professional association shall not propose a modification which will amend, suspend, eliminate or supersede an existing statute, policy, rule or regulation of any state or federal agency per S.C. Regulation 8-240 (H).
- A completed modification request must be received with all required documentation before it will be reviewed.

Statewide Modification

Local Modification: _____

(List all jurisdictions that apply.)

Association/Jurisdiction: Carolinas AGC

Address: _____

Street

City

State

Zip

Name: Leslie Clark

Title/Position: VP of Ops/Dir of Govt Relations

Phone: _____

Email Address: _____

Please select the applicable code to be modified:

2021 International Plumbing Code



Please list the exact code section, table, figure, or appendix to be modified, and attach a photocopy of the applicable code section: Section 410.4, Substitution

Code section as modified:

(Please strike through language being removed, and put language to be added in parentheses. Use additional pages as needed.)

410.4 Substitution

Where restaurants provide drinking water in a container free of charge, drinking fountains shall not be required in those restaurants. In other occupancies where drinking fountains are required, water dispensers shall be permitted to be substituted for not more than 50 percent of the required number of drinking fountains. ((In educational settings, 50% of the required number of drinking fountains must incorporate a bottle filling station.))

9/28 Study Committee Recommendation: Support approval

In 200 characters or less, please briefly describe the justification for this modification request.

The CDC now encourages staff and students to bring their own water to minimize use and touching of drinking fountains. Bottle filling stations increase access to clean, safe drinking water. This necessitates updates to the plumbing code in educational settings to allow for easy access to drinking water throughout the day for hydration needs. Modification specifies bottle filling station must be substituted or incorporated into at least 50% of required drinking fountains in educational settings.

Per Regulation 8-240(E)(5), please list the persons with their titles and affiliations, known at the time of submittal, who will provide testimony in favor of the amendment. Due to the possibility of virtual hearings, **all information in the table below is required** to ensure proper notification. Use additional pages as needed.

Name	Title	Affiliation	Phone Number	Email Address
Leslie Clark	VP of Ops/Dir of Govt Relations	CAGC		
Yarley Steedly	Govt Relations Director	American Heart Association		

Affirmation

I certify that all information in this form, including all supplementary documents submitted with this form, are true and correct to the best of my knowledge after undertaking due diligence to determine their accuracy.

Signature: 

Date: 9/13/21

Title: VP of Ops/Dir of Govt Relations