

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: All Codes and Amendments Submitted

DEADLINE FOR RECEIPT: Wednesday, August 9, 2017

NOTE: This request when viewed on computer extends several pages. Please be sure you have reached the end of the document.

The Rules Review Commission staff has completed its review of this rule prior to the Commission's next meeting. The Commission has not yet reviewed this rule and therefore there has not been a determination as to whether the rule will be approved. You may call this office to inquire concerning the staff recommendation.

In reviewing these rules, the staff determined that the following technical changes need to be made:

Please confirm compliance with G.S. 143-136(c) and (d) where applicable.

Wherever terms are italicized in text of the Rule, please confirm that means it is a term defined elsewhere within the Code.

On all Submission for Permanent Rule forms, the date the rules were published was February 15, 2017. Please update this on Box 6.

For the adoptions to update the Codes to 2015 International Code editions, this isn't a petition for rulemaking, is it? Instead, isn't it based upon G.S. 143-138(d)? If so, please change the answer to Box 9B of the Form.

Wherever you are deleting parts of a list, please confirm that when you publish, the remaining items will be renumbered. If they will not, is that because you need to keep cross-references intact?

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina 27609.

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 27, 2016

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Plumbing Code

DEADLINE FOR RECEIPT: Wednesday, August 9, 2017

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In reviewing these rules, the staff determined that the following technical changes need to be made:

I note that "code" is not capitalized throughout this Code. So, I take it that it should remain lowercase everywhere is used as such?

So that I'm clear – this will be the 2018 Plumbing Code? Or is it the 2019 Code? I note that page 2 of the packet states this is the 2012 NC Plumbing Code and page 17 states it was adopted in 2010 to be effective in 2011.

Also, to be clear – the Council did not adopt the International Private Sewage Disposal Code, correct?

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 26, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Plumbing Code Acknowledgements and Preface

DEADLINE FOR RECEIPT: Wednesday, August 9, 2017

The Rules Review Commission staff has completed its review of this rule prior to the Commission's next meeting. The Commission has not yet reviewed this rule and therefore there has not been a determination as to whether the rule will be approved. You may call this office to inquire concerning the staff recommendation.

In reviewing these rules, the staff determined that the following technical changes need to be made:

On Page 4 of the packet, should the Commissioner of Insurance be updated?

On Page 14 of the packet, aren't you deleting Chapter 14? Should that be reflected here?

Are you keeping Pages 15-16 of the packet? If so, why?

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 26, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Plumbing Code, 103, 104, 106, 107,108, 109

DEADLINE FOR RECEIPT: Wednesday, August 9, 2017

The Rules Review Commission staff has completed its review of this rule prior to the Commission's next meeting. The Commission has not yet reviewed this rule and therefore there has not been a determination as to whether the rule will be approved. You may call this office to inquire concerning the staff recommendation.

In reviewing these rules, the staff determined that the following technical changes need to be made:

What are the Administrative Code and Policies you are referring to here? You need to specify this or the rules are unclear as written. If the intent is to state that that governing law and rules will apply, do you intend to state that at all or just not have these Sections within the code?

Please note that Section 105.4.6 requires the alternative engineered design to meet the requirement of Section 107, and there are no requirements here.

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 26, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Plumbing Code, Chapter 1

DEADLINE FOR RECEIPT: Wednesday, August 9, 2017

The Rules Review Commission staff has completed its review of this rule prior to the Commission's next meeting. The Commission has not yet reviewed this rule and therefore there has not been a determination as to whether the rule will be approved. You may call this office to inquire concerning the staff recommendation.

In reviewing these rules, the staff determined that the following technical changes need to be made:

102.3: Since you are adding "All" to start the sentence, "devices" should be lowercase.

102.8: In the Exception, why is "listing" italicized? I don't see the term italicized. And what does it mean?

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 26, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Plumbing Code, Chapter 2

DEADLINE FOR RECEIPT: Wednesday, August 9, 2017

The Rules Review Commission staff has completed its review of this rule prior to the Commission's next meeting. The Commission has not yet reviewed this rule and therefore there has not been a determination as to whether the rule will be approved. You may call this office to inquire concerning the staff recommendation.

In reviewing these rules, the staff determined that the following technical changes need to be made:

202: Given your deletions in the preface (see Page 7 of the packet), shouldn't all terms in brackets (like [M] before "Access") be deleted? And where it is used, if you need to retain it, what does [R] mean?

When you publish, please sure all terms are in alphabetical order (see Page 36 of the packet – it should be "Alteration" "Alternate On-Site Non-Potable Water" and then "Alternative Engineered Design")

In the definition of "approved" you need to underline the NC addition of "for compliance"

In the definition of "Branch, Fixture" which "Fixture Branch" definition should be referred to – drainage or water supply? Or will that be dependent upon what the user is looking for?

The definition of "Cistern" does not meet the definition in G.S. 143-138(b12), which states:

(b12) Cisterns. - The Code may include rules pertaining to the construction or renovation of residential or commercial buildings and structures that permit the use of cisterns to provide water for flushing toilets and for outdoor irrigation. No State, county, or local building code or regulation shall prohibit the use of cisterns to provide water for flushing toilets and for outdoor irrigation. **As used in this subsection, "cistern" means a storage tank that is watertight; has smooth interior surfaces and enclosed lids; is fabricated from nonreactive materials such as reinforced concrete, galvanized steel, or plastic; is designed to collect rainfall from a catchment area; may be installed indoors or outdoors; and is located underground, at ground level, or on elevated stands.**

Is this because this code does not include such rules?

In "Drain-Back System" what are these prescribed circumstances? Does your regulated public know?

In "Jurisdiction" what do you mean by "due legislative authority"? Do you mean 143-138(e) in adoption of local codes that are not this code? Or are you trying to capture this code and enforcement by local officials pursuant to 143-139?

Amanda J. Reeder
Commission Counsel

Date submitted to agency: July 26, 2017

In “Kitchen” why are you not beginning the sentence “An area used...” to be consistent with the rest of this Section?

In “Laundry Tray” begin the sentence with a capitalized letter.

In “Manifold Water Distribution Systems” what is “close proximity”? Does your regulated public know?

In “Non-Potable Water” the term is not hyphenated in the International Plumbing Code (IPC). Will this create an issue in using this code?

On Page 48 of the packet, delete the first definition of “reclaimed water”

In “Sump pump” what is “usually”? And consider stating “Select the pump for the specific head and volume...”

In “Water Service Pipe” please either begin the sentence with an article, such as “the” or “a” or make the term “water service pipe” plural.

In “Weighted Average Lead Content” on the fifth line, will they be determining the weighted percentage of lead of the wetted component, or will this be the lead in the component regardless of whether it’s wetted? I asked because the next sentence refers to the “weighted percentage of ... each wetted component...” For consistency, should all references be to the wetted component?

So that I am clear – are you deleting “Well” because of the exemption of private drinking water wells from the code, as set forth in G.S. 143-138(b17)?

In “Yard Hydrant” should this read “A freeze proof... that is an...”? If not, then it looks like you are defining “freeze proof yard hydrant” rather than “Yard Hydrant” Is that the intent here?

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 26, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Plumbing Code, Chapter 3

DEADLINE FOR RECEIPT: Wednesday, August 9, 2017

The Rules Review Commission staff has completed its review of this rule prior to the Commission's next meeting. The Commission has not yet reviewed this rule and therefore there has not been a determination as to whether the rule will be approved. You may call this office to inquire concerning the staff recommendation.

In reviewing these rules, the staff determined that the following technical changes need to be made:

301.6: *In the Exception, what are the "other means of disposal"?*

302.1: *Will your regulated public know the statutes? Please state "NC General Statutes"*

305.4: *Is the term "In other cases" necessary here?*

In the Note, what are "abnormally low temperatures" and "extended periods"? Does your regulated public know?

305.4.1: *What is "adequate provision"? Does your regulated public know?*

312.1: *Given the deletion of "for piping systems other than plastic" should it read "All plumbing system... tested with either water or air."?*

312.5: *Given the deletion, should it read "proved tight by a water or air test...?"*

314.1: *Should the word "Code" be capitalized to be consistent with 313.1?*

317.4: *G.S. 143-138(b2)(1) states that the detector must meet the standards of UL 2034 or 2075. What is your authority to leave 2075 out of this rule?*

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Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 26, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Plumbing Code, Chapter 4

DEADLINE FOR RECEIPT: Wednesday, August 9, 2017

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In reviewing these rules, the staff determined that the following technical changes need to be made:

Table 403.1: In Footnote n, replace "which" with "that"

403.1.1: Should this now be "Exceptions"?

403.8.1: You state the maximum class size and cite to N.C.G.S. 115C-301. However, that statute sets limits for only Kindergarten through 3rd grade, and allows the school districts to allocate the rest. What is your authority to set class size here? If the intent is to simply limit occupancy, state that.

403.8.3: Is the intent to ensure that in setting ratios that these ratios be considered? Otherwise, I don't see how you all have the authority to set the staffing ratio for teachers in public schools.

407.5 and 421.5: What does "(P2713.3)" mean? Is it referring to something?

416.5: For the underlined language, is "Deleted" supposed to be there?

417.4: Should this now be "Exceptions"?

419.1: End 3 with a semicolon not a period.

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 26, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Plumbing Code, Chapter 5

DEADLINE FOR RECEIPT: Wednesday, August 9, 2017

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In reviewing these rules, the staff determined that the following technical changes need to be made:

So that I'm clear – these rules do not require the permitting of a replacement water heaters in one- or two- family dwellings, as set forth in G.S. 143-138(b10), correct? And it also complies with the exclusion in G.S. 143-138(b16)?

501.9: *Why do you need this? Do you need to recite it for the ease of your regulated public?*

Assuming you need to keep it, should "501.9" be named "North Carolina General Statutes"

Where you state "G.S." please either state "N.C.G.S." or "North Carolina General Statute"

The name of G.S. 66-27.1 is "Certain automatic hot water tanks or heaters to have approved relief valves; installation or sale of unapproved relief valves forbidden."

502.7.4: *Who determines the impossibility? The individual installing or the code official?*

504.7: *Are you trying to say that (a) through (d) are locations where water leakage will cause damage? If so, state that. If you mean it as an additional location, insert an "or" before "a location"*

504.7.1: *Please remove the extra "l" from "shall" on the second line.*

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Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 26, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Plumbing Code, Chapter 6

DEADLINE FOR RECEIPT: Wednesday, August 9, 2017

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In reviewing these rules, the staff determined that the following technical changes need to be made:

604.4.1: In 1, replace "which" with "that"

604.5: What is this exception to? What length of restriction – the 36 inches for termination of the fixture supply pipe?

605.15.2: Please delete the first sentence "Joint surfaces shall be clean and free from moisture" because you added it below. There's no need to state this twice in the same rule.

605.26: I believe you mean to cross-reference 605.26.1 through 605.26.3.

606.2.1: Since you are adding this to the IPC, please underline it.

And who will determine what is practical?

607.3: On Pages 130-131 of the packet, you repeat 607.1. Did you mean to insert 607.3 here? If not, then are you deleting it, since I don't see it addressed elsewhere in the packet?

608.13.3: Will your regulated public know there are hazardous chemical additives added downstream? And is the prohibition to prevent the system from adding the additives to the downstream?

608.17: I take it you are deleting these because of the exemption of private drinking water wells from the code, as set forth in G.S. 143-138(b17)?

610.1: Please add a period after "jurisdiction"

614.1: In 2 and 3, replace "which" with "that"

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Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 26, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Plumbing Code, Chapter 7

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In reviewing these rules, the staff determined that the following technical changes need to be made:

702.1: *Is "solvent cemented" hyphenated? (Please note this question where this term is used, like in 702.4) I note that term appears to be hyphenated in 705.21.2.*

703.2: *Please add a comma and "it" or "the drain" after "unstable ground" on the fourth line.*

704.5: *Delete "as" before "dead ends."*

705.21: *Please confirm that the intended cross-reference is 705.7.1 and 705.7.2 and not 705.21.1 and 705.21.2.*

705.21.2: *Please remove the errant hyphen in "solvent"*

705.22: *Please ensure that this is the correct cross-reference. I do not believe it is, as there is no 705.8.2.*

708.1.4: *Please spell it "One"*

What are the words in brackets for?

715.1: *Should this read "Exceptions"?*

717.5: *Insert a "shall" before "be made of high-density..."*

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 26, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Plumbing Code, Chapter 8

DEADLINE FOR RECEIPT: Wednesday, August 9, 2017

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In reviewing these rules, the staff determined that the following technical changes need to be made:

803.4: *Replace "which" with "that" both places.*

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 26, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Plumbing Code, Chapter 9

DEADLINE FOR RECEIPT: Wednesday, August 9, 2017

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In reviewing these rules, the staff determined that the following technical changes need to be made:

905.4: *Should this be "Exceptions"?*

915.2.3: *On Page 193 of the packet, should this be 915.2.4? That is how it is numbered in the IPC. And if so, should the next one be 915.2.5?*

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 26, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Plumbing Code, Chapter 10

DEADLINE FOR RECEIPT: Wednesday, August 9, 2017

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In reviewing these rules, the staff determined that the following technical changes need to be made:

1002.1: In Exception 2, given the additional language, I suggest changing "is permitted" to "shall be permitted"

1003.3.1: Will the determination of whether to permit be within the discretion of the code official?

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 26, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Plumbing Code, Chapter 11

DEADLINE FOR RECEIPT: Wednesday, August 9, 2017

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In reviewing these rules, the staff determined that the following technical changes need to be made:

1105.1.2: *What is "normally serviced"? Does your regulated public know?*

1105.1.3: *Replace "which" with "that"*

Figure 1106.1: *So that I'm clear – the figures on Page 213 – 216 will be replaced by the figure on Page 217 of the packet?*

1113.1.4: *Given the additional language to 1101.1, exempting one- and two- family dwellings from the chapter, do you need the Exception here?*

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 26, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Plumbing Code, Chapter 13

DEADLINE FOR RECEIPT: Wednesday, August 9, 2017

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In reviewing these rules, the staff determined that the following technical changes need to be made:

1301.2.3.1 and 1301.2.3.2: Please end each of the items in the list with punctuation. While I'd prefer semicolons, if you want to be consistent with the rest of the code and use periods, that is fine, too.

And in 1301.2.3.1, item 4, there is a period in "e.g."

1301.9.11: In the Exception, should it read "the system shall be pressurized...?"

Also, why do you have "of the International Plumbing Code"? Since that is this Code, do you need it? I note you do not have this language when you are cross-referencing this Code in other places.

1302.10: In the Exception, isn't "sillcocks" one word? You use it as one word earlier in this Chapter.

1303.3: What is "undesirable" material? Does your regulated public know?

1303.13: In the Exception, isn't "sillcocks" one word? You use it as one word earlier in this Chapter.

1303.15.6: You deleted Section 312.10. Should there be a different cross-reference here?

1304.2: In the Exception, isn't "sillcocks" one word? You use it as one word earlier in this Chapter.

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 26, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Plumbing Code, Appendix C, E

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In reviewing these rules, the staff determined that the following technical changes need to be made:

Are these being adopted as part of the Plumbing Code, such that compliance with these are mandatory?

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 26, 2017