

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: All Codes and Amendments Submitted

DEADLINE FOR RECEIPT: Wednesday, September 6, 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: August 22, 2016

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Mechanical Code

DEADLINE FOR RECEIPT: Wednesday, September 6, 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 Mechanical Code? Or is it the 2019 Code? I note that page 5 of the packet does not include dates. What should those be?

Please confirm that the exclusion of Chapters 7, 14, and 15 means you are adopting it verbatim from the International Mechanical Code (IMC).

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: August 22, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Mechanical Code, Acknowledgements and Preface

DEADLINE FOR RECEIPT: Wednesday, September 6, 2017

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

By use of the strikethroughs on Pages 2-5 of the packet, are you showing a desire to delete Pages iii through xi of the IMC?

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: August 22, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

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

DEADLINE FOR RECEIPT: Wednesday, September 6, 2017

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

I take it that when you are referring to the Administrative Code and Policies you are referring to this volume of the NC Building Code?

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: August 22, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Mechanical Code, Chapter 1

DEADLINE FOR RECEIPT: Wednesday, September 6, 2017

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

101.1: *Please insert the appropriate dates.*

101.2.1: *So that I'm clear, this means you are adopting Appendix A, and that is the only appendix that will be applicable?*

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: August 22, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Mechanical Code, Chapter 2

DEADLINE FOR RECEIPT: Wednesday, September 6, 2017

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

In the definition for "bathroom" I note that "toilet room" is defined in the IMC more narrowly, specifically excluding bathtubs, showers, and spas. Given that they seem to contradict each other, what is the intent of bringing these together?

In the definitions of "boiler" and "modular boiler" you refer to the statutes for boilers and the NC Department of Labor. Please state "N.C.G.S." And do you really only want these three statutes, rather than the entire Article 7A?

G.S. 143-138(b7)(1) states:

- (b7) Appendices. - For the information of users thereof, the Code shall include as appendices the following:
- (1) Any rules governing boilers adopted by the Board of Boiler and Pressure Vessels Rules,
 - (2) Any rules relating to the safe operation of elevators adopted by the Commissioner of Labor, and
 - (3) Any rules relating to sanitation adopted by the Commission for Public Health which the Building Code Council believes pertinent.

The Code may include references to such other rules of special types, such as those of the Medical Care Commission and the Department of Public Instruction as may be useful to persons using the Code. No rule issued by any agency other than the Building Code Council shall be construed as a part of the Code, nor supersede that Code, it being intended that they be presented with the Code for information only.

So, shouldn't the rules in 13 NCAC 13, "Boiler and Pressure Vessel" be included in this Code as an appendix? Or at least give the citation in the definition?

Amanda J. Reeder
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In the definition of "duct" consider stating "This does not include..."

In the definition of "extra-heavy-duty cooking appliance" please begin the sentence "These appliances shall not..."

In the definition of "joint, mechanical" in 2, please delete "but is not limited to" unless you need to retain it for consistency with the rest of the code.

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: August 22, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Mechanical Code, Chapter 3

DEADLINE FOR RECEIPT: Wednesday, September 6, 2017

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

303.4: *What vehicle are you referring to? Do vehicles usually cause mechanical damage?*

304.10: *Are you deleting this part of the IMC and replacing it with the language on Page 20 of the packet?*

306.5: *I suggest stating "... installed on, located on, or suspended from..."*

307.2.1: *Should the first added sentence read "... high-level switch that shall shut off..."?*

307.2.3: *On Page 25 of the packet, isn't what is labeled as 3 actually 4? Is there an intent to repeal current 3 and make current 4 number 3, or was this just oversight?*

312.1: *Given the additional standards referenced in the amendment, it appears you need to add ACCA Manuals J and S?*

In the second new paragraph, I think you can more clearly state what is not required (right now, you "nor" and "shall not"). Consider removing the "nor" before "ACCA manual S"

313.4: *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?*

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: August 22, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Mechanical Code, Chapter 5

DEADLINE FOR RECEIPT: Wednesday, September 6, 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:

501.3: Given the strike through on the first and second lines, do you even need “and is”? Couldn't it read, “... be discharged outdoors not less than the distances...” If you feel you need to keep some language, state “at not less than...”

502.9.1: At the bottom of Page 29 of the packet, it appears that the words after “minimum” were removed. I take it this is a typographical error, and you intend to incorporate the rest of the sentence in the IMC?

504.8.3: I recommend stating “within the room where the appliance...”

504.8.5: I believe the first bullet should begin with “Labels” (plural) to be consistent with the language below.

504.8.7: Please either begin the sentence with “The” or make it “Exhaust ducts shall ...”

In the Exception, I recommend inserting a comma after “areaway”

505.4: Please state, “Also, see the exception...”

506.3.2.5: Please delete the period after “performed”

507.1.2: So that I'm clear – the exception is that up to two domestic ranges installed in these places may be used without hoods? Is this clear to your regulated public?

507.2: Please end the last sentence with a period.

507.2.9: Is the “mechanical official” the same as the “code official”? If so, should you just use the term “code official” here instead?

Amanda J. Reeder
Commission Counsel
Date submitted to agency: August 22, 2017

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Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: August 22, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Mechanical Code, Chapter 6

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

601.5: *Isn't Exception 3 actually Exception 2? It is Exception 2 in the IMC.*

In 7.2.3 and 7.3, is the term "Return-air inlets" supposed to be hyphenated? It is not in 7.4. Please be consistent.

In 7.3, is "solid-fuel-burning" intended to be hyphenated? It looks like in Chapter 7 of the IMC, the term is "solid fuel-burning"

603.12: *What do you mean by "intent of this Section"? Do you mean that they have complied with this Section? If so, state that.*

613.17: *So that I'm clear – the entire change is to add to the name, and not to delete 1 through 4 of the IMC?*

613.18: *I take it you are repealing this section of the IMC and replacing it with the language on Pages 37-38 of the packet?*

Please note my question regarding the hyphenation of "return-air" and I note that you refer to both a "grille" and an "intake" Are these the same thing? If so, should the same term be used?

On the second line of Page 37, what is "CFM"? Does your regulated public know?

On the third line of Page 37, please insert a space between "by" and "the"

603.19: *Please capitalize "Modification"*

603.19.1: *What is "tightly" enclosed? Does your regulated public know?*

603.19.3: *When you publish, please be sure that the list separates 1 and 2.*

Amanda J. Reeder
Commission Counsel
Date submitted to agency: August 22, 2017

604.1: *Should the sentence end “cooling equipment”?*

604.4: *What are these R sections? Is this in another Code? Does your regulated public understand this?*

604.9: *Please confirm this is the intended cross-reference.*

606.2.2: *In Exception 1, what is a “space”?*

In 2.2, when you publish, please make sure “plenum” is not italicized as I don’t see the term defined anywhere.

607.5: *Please remove the period before “and shall be shown”*

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

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Commission Counsel
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REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Mechanical Code, Chapter 8

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

801.2: In the Exception, what does the added sentence mean? It seems incomplete.

Table 803.9(1): In order to be consistent, why not state "6 to 10" and "10 to 16"? Or you can take the language from the IMC, "Larger than 6 and up to 10" "Larger than 10 and up to 16"

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: August 22, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Mechanical Code, Chapter 10

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

1001.1: *For the citation, why not just state, "See N.C.G.S. 95-69.10 for a complete list..."*

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: August 22, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Mechanical Code, Chapter 11

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

1108.3.1: *When you publish, please be sure that the list separates 1 through 3 from each other.*

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: August 22, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Mechanical Code, Chapter 12

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

1201.4: When you publish, please be sure that the list separates 1 through 3 from each other.

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: August 22, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Mechanical Code, Chapter 13

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

1301.3: *So that I'm clear, the intent is to replace the text in the IMC with the cross-reference on Page 45 of the packet?*

1308.1.1: *When you publish, please be sure that the list separates 1 through 3 from each other.*

1309.1: *I do not see UL 142, 58, or 80 in Chapter 15. Do you need to add them there?*

1309.5: *Who will predetermine this safe level? The code official? The registered design professional? Does your regulated public know?*

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: August 22, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Mechanical Code, Appendix A

DEADLINE FOR RECEIPT: Wednesday, September 6, 2017

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

Is this being adopted as part of the NC Code? Is it only informative? Does your regulated public understand this? (I realize this may be addressed by the Technical Change Request for 101.2.1.)

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: August 22, 2017