

REQUEST FOR CHANGES PURSUANT TO G.S. 150B-21.10

AGENCY: North Carolina Building Code

RULE CITATION: 2020 NC Electrical Code, Article 100 Definitions

DEADLINE FOR RECEIPT: Friday, February 10, 2023.

PLEASE NOTE: This request may extend to 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 email the reviewing attorney to inquire concerning the staff recommendation.

In reviewing this Rule, the staff recommends the following changes be made:


The term being defined isn't in the submission. Matching the definition to the 2020 code, I think this is "Coordination, Selective," but I'm not entirely sure. Please correct.

On the first line, should the comma following "affected" have been deleted?

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

Brian Liebman
Commission Counsel
Date submitted to agency: February 2, 2023

SUBMISSION FOR PERMANENT RULE

1. Rule-Making Agency: NC Building Code Council	
2. Rule citation & name (name not required for repeal): 2020 NC Electrical Code, Article 100 Definitions (220315 Item B-6)	
3. Action: <input type="checkbox"/> ADOPTION <input checked="" type="checkbox"/> AMENDMENT <input type="checkbox"/> REPEAL <input type="checkbox"/> READOPTIOIN <input type="checkbox"/> REPEAL through READOPTIOIN	
4. Rule exempt from RRC review? <input type="checkbox"/> Yes. Cite authority: <input checked="" type="checkbox"/> No	5. Rule automatically subject to legislative review? <input type="checkbox"/> Yes. Cite authority: <input checked="" type="checkbox"/> No
6. Notice for Proposed Rule: <input checked="" type="checkbox"/> Notice Required Notice of Text published on: April 20, 2022 Link to Agency notice: https://www.ncosfm.gov/codes/building-code-council-bcc/bcc-hearing-notice Hearing on: June 14, 2022 Adoption by Agency on: December 13, 2022 <input type="checkbox"/> Notice not required under G.S.: Adoption by Agency on:	
7. Rule establishes or increases a fee? (See G.S. 12-3.1) <input type="checkbox"/> Yes Agency submitted request for consultation on: Consultation not required. Cite authority: <input checked="" type="checkbox"/> No	8. Fiscal impact. Check all that apply. <input type="checkbox"/> This Rule was part of a combined analysis. <input type="checkbox"/> State funds affected <input type="checkbox"/> Local funds affected <input type="checkbox"/> Substantial economic impact (≥\$1,000,000) <input type="checkbox"/> Approved by OSBM <input checked="" type="checkbox"/> No fiscal note required
9. REASON FOR ACTION	
9A. What prompted this action? Check all that apply: <input type="checkbox"/> Agency <input type="checkbox"/> Court order / cite: <input type="checkbox"/> Federal statute / cite: <input type="checkbox"/> Federal regulation / cite: <input type="checkbox"/> Legislation enacted by the General Assembly Cite Session Law: <input checked="" type="checkbox"/> Petition for rule-making <input type="checkbox"/> Other:	
9B. Explain: Consistency in the design approach for addressing overcurrent conditions will result in better projects, whether the occupancy is healthcare or non-healthcare. The delayed effective date of this Rule is January 1, 2024. The Statutory authority for Rule-making is G. S. 143-136; 143-138.	
10. Rulemaking Coordinator: David B. Rittlinger David B. Rittlinger Phone: (919)647-0008 E-Mail: david.rittlinger@ncdoi.gov Additional agency contact, if any: Phone: E-Mail:	11. Signature of Agency Head* or Rule-making Coordinator:  *If this function has been delegated (reassigned) pursuant to G.S. 143B-10(a), submit a copy of the delegation with this form. Typed Name: David B. Rittlinger Title: Chief Code Consultant
RRC AND OAH USE ONLY	
Action taken: <input type="checkbox"/> RRC extended period of review: <input type="checkbox"/> RRC determined substantial changes: <input type="checkbox"/> Withdrawn by agency <input type="checkbox"/> Subject to Legislative Review <input type="checkbox"/> Other:	

SUBMISSION FOR PERMANENT RULE

2020 NC Electrical Code
Article 100 Definitions (220315 Item B-6)

Localization of an overcurrent condition to restrict outages to the circuit or equipment affected; for fault current events that extend beyond 0.1 second, and accomplished by the selection and installation of overcurrent protective devices and their ratings or settings for the full range of available overcurrents, ~~from overload to the available fault current,~~ under such conditions, whether originating from overload, ground-fault or short circuit, and for the full range of overcurrent protective device opening times ~~associated with those overcurrents.~~ applicable to such events.

REQUEST FOR CHANGES PURSUANT TO G.S. 150B-21.10

AGENCY: North Carolina Building Code

RULE CITATION: 2018 NC Fire Code, Sections 510.4.2, 510.5, 510.5.4, and Chapter 80

DEADLINE FOR RECEIPT: Friday, February 10, 2023.

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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 email the reviewing attorney to inquire concerning the staff recommendation.

In reviewing this Rule, the staff recommends the following changes be made:


None.

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

Brian Liebman
Commission Counsel

Date submitted to agency: February 2, 2023

SUBMISSION FOR PERMANENT RULE

1. Rule-Making Agency: NC Building Code Council	
2. Rule citation & name (name not required for repeal): 2018 NC Fire Code, Sections 510.4.2, 510.5, 510.5.4 and Chapter 80 (220614 Item B-3)	
3. Action: <input type="checkbox"/> ADOPTION <input checked="" type="checkbox"/> AMENDMENT <input type="checkbox"/> REPEAL <input type="checkbox"/> READOPTION <input type="checkbox"/> REPEAL through READOPTION	
4. Rule exempt from RRC review? <input type="checkbox"/> Yes. Cite authority: <input checked="" type="checkbox"/> No	5. Rule automatically subject to legislative review? <input type="checkbox"/> Yes. Cite authority: <input checked="" type="checkbox"/> No
6. Notice for Proposed Rule: <input checked="" type="checkbox"/> Notice Required Notice of Text published on: July 15, 2022 Link to Agency notice: https://www.ncosfm.gov/codes/building-code-council-bcc/bcc-hearing-notice Hearing on: September 13, 2022 Adoption by Agency on: December 13, 2022 <input type="checkbox"/> Notice not required under G.S.: Adoption by Agency on:	
7. Rule establishes or increases a fee? (See G.S. 12-3.1) <input type="checkbox"/> Yes Agency submitted request for consultation on: Consultation not required. Cite authority: <input checked="" type="checkbox"/> No	8. Fiscal impact. Check all that apply. <input type="checkbox"/> This Rule was part of a combined analysis. <input type="checkbox"/> State funds affected <input type="checkbox"/> Local funds affected <input type="checkbox"/> Substantial economic impact (≥\$1,000,000) <input type="checkbox"/> Approved by OSBM <input checked="" type="checkbox"/> No fiscal note required
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9B. Explain: Changing the NFPA referenced standard from NFPA 1221 to NFPA 1225. This makes it clearer for installers of Emergency Responder Communications systems as to what is required. The delayed effective date of this Rule is January 1, 2024. The Statutory authority for Rule-making is G. S. 143-136; 143-138.	
10. Rulemaking Coordinator: David B. Rittlinger David B. Rittlinger Phone: (919)647-0008 E-Mail: david.rittlinger@ncdoi.gov Additional agency contact, if any: Phone: E-Mail:	11. Signature of Agency Head* or Rule-making Coordinator:  *If this function has been delegated (reassigned) pursuant to G.S. 143B-10(a), submit a copy of the delegation with this form. Typed Name: David B. Rittlinger Title: Chief Code Consultant
RRC AND OAH USE ONLY	
Action taken: <input type="checkbox"/> RRC extended period of review: <input type="checkbox"/> RRC determined substantial changes: <input type="checkbox"/> Withdrawn by agency <input type="checkbox"/> Subject to Legislative Review <input type="checkbox"/> Other:	

SUBMISSION FOR PERMANENT RULE

2018 NC Fire Code

Sections 510.4.2 System design (220614 Item B-3)

510.4.2 System design. The in-building 2-way emergency responder communication coverage system shall be designed in accordance with Sections 510.4.2.1 through 510.4.2.8 and NFPA ~~1221~~1225.

2018 NC Fire Code

Sections 510.5 Installation requirements (220614 Item B-3)

510.5 Installation requirements. The installation of the in-building 2- way emergency responder communication coverage system shall be in accordance with NFPA ~~1221~~1225 and Sections 510.5.1 through 510.5.5.

2018 NC Fire Code

Sections 510.5.4 Acceptance test procedure (220614 Item B-3)

510.5.4 Acceptance test procedure. Where an in-building 2- way emergency responder communication coverage system is required, and upon completion of installation, the building *owner* shall have the radio system tested to verify that two-way coverage on each floor of the building is not less than 95 percent. The test procedure shall be conducted as follows:

1. Each floor of the building shall be divided into a grid of 20 approximately equal test areas. Where a floor exceeds 128,000 ft² (11,900 m²), which is the floor area that can be covered by the maximum grid dimension of 80 ft. (24.4m), the floor shall be subdivided into sectors each having an area less than or equal to 128,000 ft² (11,900 m²), and each sector be tested individually with 20 grid cells in each sector. Signal strength measurements should be taken at the center of each grid and should be performed using standardized parameters as specified by NFPA ~~1221~~1225.

2018 NC Fire Code

Chapter 80 Referenced Standards (220614 Item B-3)

~~NFPA 1221 – 19 Standard for the Installation, Maintenance, and Use of Emergency Services Communications Systems.....510.4.2, 510.5, 510.5.4.~~

NFPA 1225 – 22 Standard for Emergency Services Communications.....510.4.2, 510.5, 510.5.4.