


SUBMISSION FOR PERMANENT RULE

1. Rule-Making Agency: NC Building Code Council	
2. Rule citation & name (name not required for repeal): 2024 NC Building Code and 2024 NC Fire Code 907.2.3.1 Automatic smoke detection systems. (231219 Item B-8)	
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: January 16, 2024 in NC Register Link to Agency notice: https://www.ncosfm.gov/codes/building-code-council-bcc/bcc-hearing-notice Hearing on: March 18, 2024 Adoption by Agency on: March 19, 2024 <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: <small>REASON: Community school buildings are the most important facilities in our local communities. Current required manual fire alarm systems do not provide adequate notification when the building isn't occupied. Due to the increase of introducing kitchen appliances in these buildings, there are documented fires that have happened, and this instance was discovered by a motion detector burglar alarm. If fires occur in these occupancies without prompt notification to responding agencies, we have the potential to lose a valuable community structure. Risk reduction is driving this code change. It is imperative we maintain a healthy community by providing early detection in these facilities where we have a chance for responding firefighters to act in earlier stages of fire development.</small> The delayed effective date of this Rule is January 1, 2025. 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:  <hr/> <small>*If this function has been delegated (reassigned) pursuant to G.S. 143B-10(a), submit a copy of the delegation with this form.</small> 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:	

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2024 NC Building Code

907.2.3.1 Automatic smoke detection systems. An automatic smoke detection system that initiates the occupant notification in accordance with Section 907.5.2.2 shall be installed throughout all stories of Group E buildings.

Exceptions:

1. An automatic smoke detection system shall not be required in Group E occupancies with an occupant load of 50 or less.
2. An automatic smoke detection system shall not be required in Group E occupancies that are protected with approved automatic sprinkler systems installed in accordance with Section 903.3.1.1.
3. An automatic smoke detection system shall not be required in licensed day care facilities complying with Section 431.

2024 NC Fire Code

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2024 NC Building Code

1010.2.14 Controlled egress doors in Groups I-1, I-2, and R-4, and E.

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1010.2.14.4 Group E Classrooms. Electric locking systems, including electro-mechanical locking systems and electromagnetic locking systems, shall be permitted to be installed on exit or exit access doors leading from Group E classrooms and day care classrooms within a Group E occupancy where identified and documented by the local school administration as having one or more students that require restraint to preserve the safety of the student or students and meeting all of the following:

1. The building is equipped with a *fire alarm system* in accordance with Section 907.2.3 (Section 907.2.3, Exception 1 is not applicable).
2. The door locks shall unlock on actuation of the *fire alarm system* and remain unlocked until the *fire alarm system* has been reset.
3. The door locks shall unlock on loss of power controlling the lock or lock mechanism.
4. A building occupant shall not be required to pass through more than one door equipped with a controlled egress locking system before entering an exit.
5. The procedures for unlocking the doors shall be described and approved as part of the emergency planning and preparedness required by Chapter 4 of the *International Fire Code*.
6. Staff within the rooms equipped with controlled egress shall have the keys, codes or other means necessary to operate the locking systems.
7. When operated, the locking system shall remain unlocked for not less than 30 seconds.
8. Emergency lighting shall be provided at the door.
9. The door locking system units shall be listed in accordance with UL 294.

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1010.2.1 Unlatching. The unlatching of any door or leaf for egress shall require not more than one motion in a single linear or rotational direction to release all latching and all locking devices.

Exceptions:

1. Places of detention or restraint.
2. Where manually operated bolt locks are permitted by Section 1010.2.5.
3. Doors with automatic flush bolts as permitted by Section 1010.2.4, Item 4.
4. Doors from individual *dwelling units* and *sleeping units* of Group R occupancies as permitted by Section 1010.2.4, Item 5.
- ~~5. Group E classrooms identified by the local school administration as having one or more students that require restraint to preserve the safety of the student or students shall be permitted to have latching devices that require a maximum of two motions to unlatch the door from the egress side.~~

2024 NC Fire Code

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