2012 NC Mechanical Code

Chapter 15 Referenced Standards. (160614 Item B-7)

Chapter 15 Referenced Standards.

AMCA

Air Movement and Control Association International 30 West University Drive Arlington Heights, IL 60004

Standard Title Referenced in Code Reference Number Section Number

230-15 <u>Laboratory Methods of Testing Air Circulating Fans</u> 931

for Rating and Certification

UL

Underwriters Laboratories, Inc. 333 Pfingsten Road Northbrook, IL 60062-2096

Standard Title Referenced in Code
Reference Number Section Number

507-99 9th Edition Standard for Electric Fans 931

The effective date of this Rule is January 1, 2018. The Statutory authority for Rule-making is G. S. 143-136; 143-138.

2014 NC Electrical Code 680.25 Feeders. (160614 Item B-4)

680.25 Feeders. These provisions shall apply to any feeder on the supply side of panelboards supplying branch circuits for pool equipment covered in Part II of this article and on the load side of the service equipment or the source of a separately derived system.

(A) Wiring Methods.

- (1) **Feeders.** Feeders shall be installed in rigid metal conduit or intermediate metal conduit. The following wiring methods shall be permitted if not subject to physical damage:
- (1) Liquidtight flexible nonmetallic conduit
- (2) Rigid polyvinyl chloride conduit
- (3) Reinforced thermosetting resin conduit
- (4) Electrical metallic tubing where installed on or within a building
- (5) Electrical nonmetallic tubing where installed within a building
- (6) Type MC cable where installed within a building and if not subject to corrosive environment

Exception: An existing feeder within a one-family dwelling unit or two-family dwelling unit between an existing remote panelboard and service equipment shall be permitted to run in flexible metal conduit or an approved cable assembly that includes an equipment grounding conductor within its outer sheath. The equipment grounding conductor shall comply with 250.24(A)(5).

The delayed effective date of this Rule is January 1, 2018. The Statutory authority for Rule-making is G. S. 143-136; 143-138.

Exception: A-An existing feeder within a one-family dwelling unit or two-family dwelling unit between an existing remote panelboard and service equipment shall be permitted to run in flexible metal conduit or an approved cable assembly that includes an insulated equipment grounding conductor within its outer sheath. The equipment grounding conductor shall comply with 250.24(A)(5).

1. Rule-Making Agency: NC Building Code Council		
2. Rule citation & name (name not required for repeal): 2012 NC Fire Code 1008.1.4.6 Locking arrangements in educational occupancies. (160614 Item B-9)		
3. Action:		
ADOPTION AMENDMENT REPEAL	READOPTION 5. Rule automatically subject to legislative review?	
4. Rule exempt from RRC review? Yes. Cite authority:	Yes. Cite authority:	
No No	⊠ No	
6. Notice for Proposed Rule:		
Notice Required Notice of Text published on: August 15, 2016		
Link to Agency notice: http://www.ncdoi.com/OSFM/Enginee	ring_and_Codes/Default.aspx?field1=BCCHearing_Notice&user=Building_Co	
Hearing on: September 13, 2016		
Adoption by Agency on: December 13, 2016		
Notice not required under G.S.: Adoption by Agency on:		
7. Rule establishes or increases a fee? (See G.S. 12-3.1)	8. Fiscal impact (check all that apply):	
	State funds affected	
Yes	Environmental permitting of DOT affected and	
Agency submitted request for consultation on: Consultation not required. Cite authority:	analysis submitted to Board of Transportation	
Consultation not required one datasety.	Local funds affectedSubstantial economic impact (≥\$1,000,000)	
⊠ No	Approved by OSBM	
	☑ No fiscal note required	
	ON FOR ACTION	
9A. What prompted this action? Check all that apply:		
Agency	Legislation enacted by the General Assembly	
Court order / cite: Federal statute / cite:	Cite Session Law: ☑ Petition for rule-making	
Federal regulation / cite:	Other:	
9B. Explain:		
This purpose of this amendment is to specify a means to lockdown a brafter the event.	uilding during an active shooter event, while allowing authorized entry and exit	
The delayed effective date of this Rule is January 1, 2018.	e e	
The Statutory authority for Rule-making is G. S. 143-136; 143-138.		
10. Rule-making Coordinator: Barry Gupton	11. Signature of Agency Head* or Rule-making Coordinator:	
Address: 1202 Mail Service Center, Raleigh, NC 27699-1202		
Phone: 919-647-0004		
E-Mail:	*If this function has been delegated (reassigned) pursuant to	
barry.gupton@ncdoi.gov	G.S. 143B-10(a), submit a copy of the delegation with this form.	
Agency Contact, if any: Barry Gupton Phone: 919-647-0004	Typed Name: Barry Gupton	
E-Mail: barry.gupton@ncdoi.gov	Title: Chief Code Consultant	
RRC AND OAH USE ONLY		
Action taken:		
RRC extended period of review:		
RRC determined substantial changes:		
Withdrawn by agency		
Subject to Legislative Review Other:		
L L AZURGIA		

1. Rule-Making Agency: NC Building Code Council		
2. Rule citation & name (name not required for repeal): 2012 NC Mechanical Code 931 High Volume Low Speed Fans. (160614 Item B-8)		
3. Action:	READOPTION	
4. Rule exempt from RRC review?	5. Rule automatically subject to legislative review?	
Yes. Cite authority:	☐ Yes. Cite authority: ☒ No	
⊠ No	△ N0	
6. Notice for Proposed Rule:		
Notice Required Notice of Text published on: August 15, 2016 Link to Agency notice: http://www.ncdoi.com/OSFM/Engineering_and_Codes/Default.aspx?field1=BCCHearing_Notice&user=Building_CoHearing on: September 13, 2016 Adoption by Agency on: December 13, 2016 Notice not required under G.S.: Adoption by Agency on:		
7. Rule establishes or increases a fee? (See G.S. 12-3.1)	8. Fiscal impact (check all that apply):	
 Yes Agency submitted request for consultation on: Consultation not required. Cite authority: ✓ No 	 State funds affected Environmental permitting of DOT affected and analysis submitted to Board of Transportation Local funds affected Substantial economic impact (≥\$1,000,000) Approved by OSBM 	
	 ☒ No fiscal note required 	
9A. What prompted this action? Check all that apply: Agency		
10. Rule-making Coordinator: Barry Gupton Address: 1202 Mail Service Center, Raleigh, NC 27699-1202	11. Signature of Agency Head* or Rule-making Coordinator:	
Phone: 919-647-0004 E-Mail: barry.gupton@ncdoi.gov Agency Contact, if any: Barry Gupton Phone: 919-647-0004 E-Mail: barry.gupton@ncdoi.gov	*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: Barry Gupton Title: Chief Code Consultant	
RRC AND OAH USE ONLY		
Action taken: RRC extended period of review: RRC determined substantial changes: Withdrawn by agency Subject to Legislative Review Other:		

1. Rule-Making Agency: NC Building Code Council		
2. Rule citation & name (name not required for repeal):		
2012 NC Plumbing Code Chapter 306.2.4 Tracer wire. (16061	4 Item B-2)	
3. Action: □ ADOPTION □ AMENDMENT □ REPEAL	☐ READOPTION	
4. Rule exempt from RRC review?	5. Rule automatically subject to legislative review?	
☐ Yes. Cite authority:	☐ Yes. Cite authority:	
⊠ No	⊠ No	
6. Notice for Proposed Rule:		
☒ Notice Required		
Notice of Text published on: August 15, 2016		
	ering_and_Codes/Default.aspx?field1=BCCHearing_Notice&user=Building_Co	
Hearing on: September 13, 2016		
Adoption by Agency on: December 13, 2016 Notice not required under G.S.:	2	
Adoption by Agency on:		
7. Rule establishes or increases a fee? (See G.S. 12-3.1)	8. Fiscal impact (check all that apply):	
	State funds affected	
Yes	Environmental permitting of DOT affected and	
Agency submitted request for consultation on: Consultation not required. Cite authority:	analysis submitted to Board of Transportation	
	☐ Local funds affected ☐ Substantial economic impact (≥\$1,000,000)	
⊠ No	Approved by OSBM	
	☑ No fiscal note required	
9 REAS	ON FOR ACTION	
9A. What prompted this action? Check all that apply:	Sittokhetion	
⊠ Agency	Legislation enacted by the General Assembly	
Court order / cite:	Cite Session Law:	
Federal statute / cite:	✓ Petition for rule-making	
Federal regulation / cite: 9B. Explain:	Other:	
This purpose of this amendment is to provide a tracer wire to locate no	n-metallic pipe and avoid repairs due to trenching damage.	
The effective date of this Rule is March 1, 2017.	10 MOD 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
The Statutory authority for Rule-making is G. S. 143-136; 143-138.		
10. Rule-making Coordinator: Barry Gupton	11. Signature of Agency Head* or Rule-making Coordinator:	
Address: 1202 Mail Service Center, Raleigh, NC 27699-1202		
Phone: 919-647-0004		
E-Mail:	*If this function has been delegated (reassigned) pursuant to	
barry.gupton@ncdoi.gov	G.S. 143B-10(a), submit a copy of the delegation with this form.	
Agency Contact, if any: Barry Gupton Phone: 919-647-0004	Typed Name: Barry Gupton	
E-Mail: barry gupton@ncdoi.gov	Title: Chief Code Consultant	
RRC AND OAH USE ONLY		
Action taken:		
RRC extended period of review:		
RRC determined substantial changes:		
Withdrawn by agency		
Subject to Legislative Review Other:		

1. Rule-Making Agency: NC Building Code Council		
2. Rule citation & name (name not required for repeal):		
2012 NC Energy Conservation Code 402.4.3 Fireplaces. (160614 Item B-5)		
3. Action:		
☐ ADOPTION ☒ AMENDMENT ☐ REPEAL	READOPTION	
4. Rule exempt from RRC review?	5. Rule automatically subject to legislative review?	
Yes. Cite authority:	Yes. Cite authority:	
⊠ No	⊠ No	
6. Notice for Proposed Rule:		
☒ Notice Required		
Notice of Text published on: August 15, 2016		
Link to Agency notice: http://www.ncdoi.com/OSFM/Engines	ering_and_Codes/Default.aspx?field1=BCCHearing_Notice&user=Building_Co	
Hearing on: September 13, 2016	<u>-</u>	
Adoption by Agency on: December 13, 2016		
Notice not required under G.S.:		
Adoption by Agency on:		
	8. Fiscal impact (check all that apply):	
7. Rule establishes or increases a fee? (See G.S. 12-3.1)	8. Fiscai impact (check an that apply).	
¬ v	☐ State funds affected	
Yes	Environmental permitting of DOT affected and	
Agency submitted request for consultation on: Consultation not required. Cite authority:	analysis submitted to Board of Transportation	
Consultation not required. Cite authority.	Local funds affected	
⊠ No	Substantial economic impact (≥\$1,000,000)	
	Approved by OSBM	
	No fiscal note required	
O DEAS	ON FOR ACTION	
9A. What prompted this action? Check all that apply:	ON FOR ACTION	
	T I - 1 C	
Agency	Legislation enacted by the General Assembly Cite Session Law:	
Court order / cite:	Cite Session Law:	
Federal statute / cite:	Other:	
Federal regulation / cite:	□ Other.	
9B. Explain:	nent. The required damper effectively closes off any significant draft that could	
impact energy usage.	Hert. The required damper electively closes on any significant draft that sould	
The effective date of this Rule is March 1, 2017 The Statutory authority for Rule-making is G. S. 143-136; 143-138.		
The Statutory authority for Nule-Haking is C. S. 140 100, 140 100.		
10. Rule-making Coordinator: Barry Gupton	11. Signature of Agency Head* or Rule-making Coordinator:	
Address: 1202 Mail Service Center, Raleigh, NC 27699-1202		
Phone: 919-647-0004		
E-Mail:	*If this function has been delegated (reassigned) pursuant to	
barry.gupton@ncdoi.gov	G.S. 143B-10(a), submit a copy of the delegation with this form.	
Agency Contact, if any: Barry Gupton	Barry Gunton	
Phone: 919-647-0004	Typed Name: Barry Gupton	
E-Mail: barry.gupton@ncdoi.gov	Title: Chief Code Consultant	
RRC AND OAH USE ONLY		
Action taken:		
DRC autom ded menied of receivers		
RRC extended period of review:		
RRC determined substantial changes:		
☐ Withdrawn by agency ☐ Subject to Legislative Review		
Other:		
I I I (Ither:		

1. Rule-Making Agency: NC Building Code Council		
2. Rule citation & name (name not required for repeal):		
2012 NC Residential Code N1102.4.3 Fireplaces. (160614 Iter	n B-5)	
3. Action: ☐ ADOPTION ☒ AMENDMENT ☐ REPEAL	READOPTION	
4. Rule exempt from RRC review?	5. Rule automatically subject to legislative review?	
Yes. Cite authority:	☐ Yes. Cite authority:	
⊠ No	⊠ No	
6. Notice for Proposed Rule:		
2000	-	
Notice Required Notice of Text published on: August 15, 2016		
	ering_and_Codes/Default.aspx?field1=BCCHearing_Notice&user=Building_Co	
Hearing on: September 13, 2016		
Adoption by Agency on: December 13, 2016		
Notice not required under G.S.:		
Adoption by Agency on:	To Fi 11 (1) I was a la	
7. Rule establishes or increases a fee? (See G.S. 12-3.1)	8. Fiscal impact (check all that apply):	
☐ Yes	State funds affected	
Agency submitted request for consultation on:	Environmental permitting of DOT affected and analysis submitted to Board of Transportation	
Consultation not required. Cite authority:	Local funds affected	
N/ N/	Substantial economic impact (≥\$1,000,000)	
⊠ No	☐ Approved by OSBM	
	■ No fiscal note required	
9. REAS	ON FOR ACTION	
9A. What prompted this action? Check all that apply:		
☑ Agency	☐ Legislation enacted by the General Assembly	
Court order / cite:	Cite Session Law:	
☐ Federal statute / cite:☐ Federal regulation / cite:	✓ Petition for rule-making✓ Other:	
9B. Explain:	□ other.	
	nent. The required damper effectively closes off any significant draft that could	
impact energy usage.		
The effective date of this Rule is March 1, 2017		
The Statutory authority for Rule-making is G. S. 143-136; 143-138.		
10. Rule-making Coordinator: Barry Gupton	11. Signature of Agency Head* or Rule-making Coordinator:	
Address: 1202 Mail Service Center, Raleigh, NC 27699-1202		
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Agency Contact, if any: Barry Gupton	Barry Gupton	
Phone: 919-647-0004 E-Mail: barry.gupton@ncdoi.gov	Typed Name: Barry Gupton Title: Chief Code Consultant	
	O OAH USE ONLY	
Action taken:		
DRC autorded newled of resilient		
RRC extended period of review: RRC determined substantial changes:		
Withdrawn by agency		
Subject to Legislative Review		
Other:		