



APPENDIX C
CODE CHANGE PROPOSAL
NORTH CAROLINA
BUILDING CODE COUNCIL

Item B-7

325 North Salisbury Street, Room 5_44
 Raleigh, North Carolina 27603
 (919) 647-0009
 carl.martin@ncdoi.gov

Granted by BCC _____ Petition for Rule Making Item Number _____
 Denied by BCC _____ Adopted by BCC _____ Approved by RRC _____
 Disapproved by BCC _____ Objection by RRC _____

PROPONENT: Julius Ballanco PHONE: (219) 922-6171
 REPRESENTING: JB Engineering and Code Consulting, P.C.
 ADDRESS: 1661 Cardinal Dr.
 CITY: Munster STATE: IN ZIP: 46321
 E-MAIL: JBEngineer@aol.com FAX: (219) 922-6172

North Carolina State Building Code 2024 North Carolina Residential Code - Chapter 44
 Referenced Standards

CHECK ONE: Revise section to read as follows: Delete section and substitute the following:
 Add new section to read as follows: Delete section without substitution:

~~LINE THROUGH MATERIAL TO BE DELETED~~ UNDERLINE MATERIAL TO BE ADDED

Please type. Continue proposal or reason on plain paper attached to this form. See reverse side for instructions.

ASHRAE	ASHRAE 180 Technology Parkway NW Peachtree Corners, GA 30092	
ASHRAE 34— 2019 <u>2022</u>	Designation and Safety Classification of Refrigerants	M1411.1
CSA	CSA Group 8501 East Pleasant Valley Road Cleveland, OH 44131-5516	
CAN/CSA/ C22.2 No. 60335-2-40- 2012 <u>2022</u>	Safety of Household and Similar Electrical Appliances, Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers	M1403.1

UL
UL LLC
333 Pfingsten Road
Northbrook, IL 60062

Standard for Household and Similar Electrical
Appliances, Part ~~2-40~~: Particular Requirements for M1402.1, M1403.1
~~Motor compressors~~ Electrical Heat Pumps, Air-
UL/CSA/ANCE 60335-
2-40—~~2012~~2022 Conditioners and Dehumidifiers

- Will this proposal change the cost of construction? Decrease [] Increase [] No []
Will this proposal increase to the cost of a dwelling by \$80 or more? Yes [] No []
Will this proposal affect the Local or State funds? Local [] State [] No []
Will this proposal cause a substantial economic impact (\geq \$1,000,000)? Yes [] No []
- Non-Substantial – Provide an economic analysis including benefit/cost estimates.
 - Substantial – The economic analysis must also include 2-alternatives, time value of money and risk analysis.
 - Pursuant to §143-138(a1)(2) a cost-benefit analysis is required for all proposed amendments to the NC Energy Conservation Code. The Building Code Council shall also require same for the NC Residential Code, Chapter 11.

REASON:

Proposed amendments are based on the 2024 North Carolina Residential Code, but with updated standard references as approved for the 2024 ICC International Residential Code.

Updating noted standards to the 2022 editions are needed to address updates in certification requirements for A2L refrigerant products in the UL/CSA 60335-2-40 standard and new A2L refrigerants in ASHRAE 34.

I am simply bringing them forward for early adoption until such time as North Carolina adopts the 2024 IRC.

BCC CODE CHANGES

Signature: *Julius Ballanco* Date: 5/18/2023_____ FORM 11/26/19

INSTRUCTIONS

Each proposed Code change request shall comply with the following policies:

Rule 1: The Original and twenty-two (22) copies of the proposed Petition for Rule-Making along with supporting documentation shall be filed with the Building Code Council Secretary. Submit one (1) electronic copy via email.

Rule 2: The filing shall be received by the first day of the month prior to the quarterly scheduled meeting date. Example: A December meeting date will require filing by November 1 prior to the meeting.

Rule 3: Each request shall be typewritten on this form and shall contain the following:

- (1) The proposed rule change must be set forth in full and contain explicit reference to the affected section or sections of the Code.
- (2) The request shall state the reasons for the proposed rule change with supporting documentation.
- (3) The proposed rule change shall comply with the standards set forth in GS 143-138(c) and reference to the particular standards shall be set forth in the request for the amendment.
- (4) The proposed rule change shall contain an economic impact analysis as required by GS 143-138(a).
- (5) A proposed rule change to the NC Energy Conservation Code shall have an accompanying cost-benefit analysis as required by GS 143-138(a1)(2).

Rule 4: When a request is improperly filed or not in accordance with all the rules listed above, the BCC Secretary shall reject the submittal and notify the applicant of the proper procedure to follow.

Rule 5: Upon the proper filing of a request, the BCC Secretary shall forward one copy of said request to each council member prior to the scheduled meeting date. Persons filing proposed petitions are hereby notified of the place and time of the scheduled hearings. The BCC Secretary shall cause to be published the notice of public hearing as specified in GS 143-138(a).

Rule 6: The Council shall either Grant or Deny the proposed Petition for Rulemaking at the meeting following receipt of the proposed rule change. The Council will take no further action on items that are Denied. Granted items may be referred to Committee for review.

Rule 7: The Council will hold a public hearing on Granted items at the next quarterly scheduled meeting. The Council will take final action on Granted items at the next quarterly scheduled meeting after the public hearing.

Timeline Example

Petition received:	February 1
Petition Granted:	March BCC meeting
Notice of Hearing published:	April NC Register
Committee review:	May - June
Hearing held:	June BCC meeting
Final Adoption:	September BCC meeting
Rules Review Meeting:	November RRC meeting
Approved:	December 1