

NEW HAMPSHIRE STATE BUILDING CODE  
PROPOSED AMENDMENT FORM

EN-15-13-19

Proposed amendment submitted by:

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Date: 1/20/2019

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Applicable code: IECC 2015

Applicable code section: R403

Current language (including section numbers and include prior adopted amendments):

**R403.3.4 Duct leakage (Prescriptive).** The total leakage of the ducts, where measured in accordance with Section R403.3.3, shall be as follows:

1. Rough-in test: The total leakage shall be less than or equal to 4 cubic feet per minute (113.3 L/min) per 100 square feet (9.29m<sup>2</sup>) of conditioned floor area where the air handler is installed at the time of the test. Where the air handler is not installed at the time of the test, the total leakage shall be less than or equal to 3 cubic feet per minute (85 L/min) per 100 square feet (9.29m<sup>2</sup>) of conditioned floor area.
2. Post construction test: Total leakage shall be less than or equal to 4 cubic feet per minute (113.3 L/min) per 100 square feet (9.29.m<sup>2</sup>) of conditioned floor area.

Check one:  Delete without substitution:

Add new section to read as follows:

Delete section and substitute the following:

Revise section to read as follows:

~~Show line through material to be deleted.~~

Underline material to be added.

Proposed code language:

**R403.3.4 Duct leakage (Prescriptive).** The total leakage of the ducts, where measured in accordance with Section R403.3.3, shall be as follows:

1. Rough-in test: The total leakage shall be less than or equal to ~~4~~ cubic feet per minute (~~113.3~~170 L/min) per 100 square feet (9.29m<sup>2</sup>) of conditioned floor area where the air handler is installed at the time of the test. Where the air handler is not installed at the time of the test, the total leakage shall be less than or equal to ~~3~~ cubic feet per minute (~~85~~113.3 L/min) per 100 square feet (9.29m<sup>2</sup>) of conditioned floor area.
2. Post construction test: Total leakage shall be less than or equal to ~~4~~ cubic feet per minute (~~113.3~~226.6 L/min) per 100 square feet (9.29.m<sup>2</sup>) of conditioned floor area.

Reason/Justification:

This amendment is proposed to create consistency in the 2015 IECC with an amendment presented by the NH Home Builders and passed by the Building Code Review Board on January 11, 2019 to the energy requirements set forth in Chapters of the 2015 IRC. It is believed that this amendment will create additional clarity and consistency in code administration by making the same amendment in the IRC and the IECC.

**Financial Analysis/Fiscal Impact of proposed amendment:**

Financial impact statements were made in association with the corresponding amendment to the 2015 IRC. No such statements are made here as this amendment is made for the purpose of consistency with that amendment.

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**For Building Code Review Board Use:**

Not approved: X

Approved: \_\_\_\_\_

Approved with modifications: \_\_\_\_\_

Scheduled Hearing Date: \_\_\_\_\_

Exhibit #: \_\_\_\_\_

Chair's Signature: 

Date: 3/8/19

Printed Name: JOHN TUTTLE