

# 2024 IECC

*NBI has submitted proposals into the ICC process to advance the 2024 IECC. The proposed amendments cover a wide range of measures and improve the code by adding additional efficiency, clarifying requirements, and creating greater flexibility for code users and local jurisdictions. Learn more at [newbuildings.org/code\\_policy/2024-iecc-national-model-energy-code-base-codes](https://newbuildings.org/code_policy/2024-iecc-national-model-energy-code-base-codes).*

## **Code Change Title:** Duct Leakage Testing in Alterations **CEPI-219-21**

**Summary:** Ducts must be tested when equipment is replaced.

### **Add new text as follows:**

**C502.3.3.1 Duct Testing.** Where the extension of existing ducts into an *addition* results in an increase of total duct volume in the *building* of more than 20 percent, the ducts that serve the *addition* shall be tested in accordance with the SMACNA HVAC Air Duct Leakage Test manual. Documentation of the test results shall be provided to the *code official* and the owner.

### **Add new text as follows:**

**C503.3.1 Duct Testing.** Ducts and plenums that serve new heating, cooling or ventilation equipment in an *alteration* shall be tested in accordance with the SMACNA HVAC Air Duct Leakage Test manual. Documentation of the test results shall be provided to the *code official* and the owner.

*The requirements for duct construction and sealing in the IECC have developed substantially over recent code cycles. This proposal requires duct testing during equipment replacement to provide information about duct performance to inform the equipment replacement and future efficiency retrofits.*