

#### **R402.4.1.2 Testing.**

The *building* or *dwelling unit* shall be tested for air leakage. The maximum air leakage rate of any *building* or *dwelling unit* under any compliance path shall not exceed 5.0 air changes per hour or 0.28 cubic feet per minute (CFM) per square foot [0.0079 m<sup>3</sup>/s x s<sup>2</sup>] of dwelling unit enclosure area. Testing shall be conducted in accordance with ANSI/RESNET/ICC 380, ASTM E779, or ASTM E1827 and reported at a pressure of 0.2 inch w.g. (50 Pascals). ~~Where required by the code official,~~ Testing shall be conducted by an *approved* third party. The approved third party shall comply with the following:

1. Independence. The *approved* third party shall be objective, competent and independent from the contractor responsible for the work being inspected. The agency shall disclose to the building official and the registered design professional in responsible charge possible conflicts of interest so that objectivity can be confirmed.
2. Equipment. The *approved* third party shall have adequate equipment to perform required tests. The equipment shall be periodically calibrated.
3. Personnel. The *approved* third party shall employ experienced personnel educated in conducting, supervising and evaluating tests and special inspections.

A written report of the results of the test shall be signed by the party conducting the test and provided to the *code official*. Testing shall be performed at any time after creation of penetrations of the *building thermal envelop* have been sealed.

#### **R103.3.5 Duct testing; add a last paragraph to read as follows:**

Testing shall be conducted by an *approved* third party. The approved third party shall comply with the following:

1. Independence. The *approved* third party shall be objective, competent and independent from the contractor responsible for the work being inspected. The agency shall disclose to the building official and the registered design professional in responsible charge possible conflicts of interest so that objectivity can be confirmed.
2. Equipment. The *approved* third party shall have adequate equipment to perform required tests. The equipment shall be periodically calibrated.
3. Personnel. The *approved* third party shall employ experienced personnel educated in conducting, supervising and evaluating tests and special inspections.

#### **R403.6.3 Testing.**

Mechanical ventilation systems shall be tested and verified to provide minimum ventilation flow rates required by Section R403.6. Testing shall be performed according to the ventilation *equipment* manufacturer's instructions, or by using a flow hood or box, flow grid, or in the corrected ventilation ducts. ~~Where required by the code official,~~ Testing shall be conducted by and approved third party. The approved third party shall comply with the following:

1. Independence. The *approved* third party shall be objective, competent and independent from the contractor responsible for the work being inspected. The agency shall disclose to the building official and the registered design professional in responsible charge possible conflicts of interest so that objectivity can be confirmed.
2. Equipment. The *approved* third party shall have adequate equipment to perform required tests. The equipment shall be periodically calibrated.
3. Personnel. The *approved* third party shall employ experienced personnel educated in conducting, supervising and evaluating tests and special inspections.

A written report of the results of the test shall be signed by the party conducting the test and provided to the code official.