Update the ANSI/RESNET/ICC 380 Referenced Standard in the 2018 IECC as follows:

RESNET

ANSI/RESNET/ICC 380-~~2014~~2019: Standard for Testing Airtightness ~~for~~ of Building, Dwelling Unit, and Sleeping Unit Enclosures~~,~~; Airtightness of Heating and Cooling Air Distribution Systems~~,~~; and Airflow of Mechanical Ventilation Systems~~ Republished January 2016~~

Reason Statement:

Standard 380 has been developed to provide a consensus national standard for consistent measurement of several air-flow related building metrics. It builds on existing American National Standards to provide standard procedures essential to the evaluation of the energy performance of Residential Buildings, as well as Dwelling Units and Sleeping Units within Residential or Commercial Buildings.

This Standard provides a consistent, uniform methodology for evaluating the airtightness of building, Dwelling Unit, and Sleeping Unit enclosures and heating and cooling air distribution systems, and the air flows of mechanical ventilation systems. These test procedures can be used as diagnostics, in quality assurance and control, for determining compliance with codes and standards, and to determine inputs to energy simulations and ratings. The Standard recognizes that some test procedures are easier to perform depending on building and HVAC system characteristics and that different codes and standards have specific testing requirements. Therefore, the Standard presents several alternative approaches for each measurement to allow flexibility in application of the standard.

Requirements for recording, documenting and reporting how the tests established by this standard are conducted and the test results shall be established by the adopting entities.