

## **IECC Commercial**

### **C402.6.2 Air leakage compliance.**

- Requires a blower door test that measures a building's air tightness by creating a pressure difference between the inside and outside, revealing leaks.
- The test involves sealing a fan (the "blower door") into an exterior door frame and running it to create a negative pressure inside the building.
- Minor leaks requires a report submitted to the Building Official specifying the corrective actions taken.
- Larger leaks requires a report be submitted, and the building tested again.

### **C403.4.7 Heating and cooling system controls for operable openings to the outdoors.**

- All doors, and all other openings 40 sq. ft. or larger, that open to the outdoors, shall have automatic controls interlocked with the heating and cooling system.
- The controls shall be configured to disable the heating or cooling system within 5 minutes of opening.
- Several exceptions exist such as emergency exits, air curtains, or automatic closing devices.

## **IECC Residential**

### **R404.2 Interior lighting controls.**

- Habitable spaces (Living rooms, kitchens, bedrooms, bathrooms) shall have manual dimmer switches or automatic shutoff controls.
- Garages, unfinished basements, laundry rooms and utility rooms shall have controls that automatically shut off lights within 20 minutes after all occupants have left the space.

### **R408.2 Additional energy efficiency credit requirements.**

- Point system based on more efficient construction, systems, or appliances.
- Residential buildings shall earn not less than 10 credits from not less than two measures.
- Requires 15 credits if a dwelling is over 5000 sq ft.
- Credits can be achieved from multiple measures such as the insulation, air leakage, high performance heating and cooling systems, renewable energy (solar, wind).