



## **INTERPRETATIONS & APPLICATIONS** **OF BUILDING CODES & REGULATIONS 21-13**

CODE SECTION: 2021 IECC Section C408.2

4/7/25

### **IECC COMMERCIAL SYSTEM COMMISSIONING (Section C408)**

The purpose of this interpretation is to clarify the exceptions for system commissioning in Section C408.2 of the 2021 International Energy Conservation Code (IECC). IECC Section C408.2 requires commissioning of the building mechanical systems and service water-heating systems. The exceptions read as follows:

**Exceptions:** The following (city amended) systems are exempt:

1. Mechanical systems in buildings where the total mechanical equipment capacity is less than 180,000 Btu/h (15 tons) for cooling capacity, 300,000 Btu/h (87.9kW) for space-heating and 10,000 cfm for ventilation.
2. Service water-heating systems rated under 50,000 Btu/h (14.7kW).
3. Water pumping and mixing systems under 5 hp (4kW).
4. Systems included in Section C403.5 that serve individual *dwelling units* and *sleeping units*.

### **APPLICATION**

- 1) The commissioning requirements (as applied in Scottsdale) shall not apply to new buildings and building alterations less 5,000 square feet of conditioned floor area.
- 2) Exception 4 above is clarified to read as follows:
  4. Components within *dwelling units* and *sleeping units* served by simple unitary or packaged HVAC equipment listed in Table C403.3.2(1), C403.3.2(2), C403.3.2(4) or C403.3.2(5), each serving one *zone* and controlled by a single *thermostat* in the *zone* served.