

CALIFORNIA ENERGY COMMISSION Inspector's Field Sheet



All acceptance tests required for a nonresidential construction project are indicated on the Nonresidential Certificates of Compliance (NRCCs). All NRCCs are submitted with the application for construction permit and must be approved by the permitting authority.

The required acceptance tests for Lighting Controls and Mechanical Systems are shown in the NRCCs as follows:

- Indoor Lighting: NRCC-LTI-E, Table U
- Outdoor Lighting: NRCC-LTO-E, Table P
- Mechanical Systems: NRCC-MCH-E, Table O

One of the following logos must appear as shown below on the Nonresidential Certificate of Acceptance (NRCA) for Lighting Controls and Mechanical Systems for it to be valid.

Lighting Controls



National Lighting Contractors
Association of America



Mechanical Systems



If the NRCC is not available, use this table to identify when acceptance testing is required for newly installed Lighting Controls or Mechanical Systems.

Lighting Controls	Mechanical Systems (HVAC)
<p>All newly constructed nonresidential, high-rise residential, and hotel/motel buildings or additions with newly installed indoor lighting, outdoor lighting, and/or controls will require acceptance testing.</p> <p>Exception: For healthcare facilities, see OSHPD for applicable acceptance and installation documentation requirements.</p>	<p>All newly constructed nonresidential, high-rise residential, and hotel/motel buildings or additions served by at least one HVAC system (newly installed or replacement of an existing system) will require at least one of the mechanical systems acceptance tests.</p> <p>Exceptions: (1) Any existing and unaltered HVAC or water heating system serving a new addition. (2) Systems serving healthcare facilities.</p>
<p>Alterations: Indoor Lighting controls acceptance testing will be required for the following:</p> <ol style="list-style-type: none"> 1. Spaces where lighting systems are installed for the first time. 2. When 10% or more of the luminaires serving a space are altered. <p>Exceptions:</p> <ol style="list-style-type: none"> 1. New lighting controls added to control 20 or fewer luminaires. 2. Any alteration limited to adding lighting controls or replacing lamps, ballasts, or drivers. 3. One for one luminaire alteration of up to 50 luminaires either per complete floor or tenant space per annum. 	<p>Alterations: Any new or replacement space conditioning components will require mechanical systems acceptance testing.</p> <p>Exceptions: Does not apply to replacements of the following if they are equivalent or lower capacity:</p> <ol style="list-style-type: none"> 1. Electric resistance space heaters for high-rise residential apartment units. 2. Electric resistance space heaters when natural gas is not available.
<p>Alterations: Outdoor Alteration to existing outdoor lighting systems that are included in the lighting applications listed in Table 140.7-A and Table 140.7-B.</p> <p>Exception: New lighting controls added to control 20 or fewer luminaires.</p>	



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