



Functional Testing of Lighting Controls 2021 IECC – Commercial

rev. 9/17/24

Plan Review No.: _____ Permit No.: _____
Project Name: _____ Date: _____
Address: _____ Plan Check No.: _____

OWNER'S NOTIFICATION OF LIGHTING CONTROL TESTING

To be completed and signed by **Owner** before a building permit is issued.

In accordance with Section C408.3 of the International Energy Conservation Code (IECC), the code official is authorized to accept reports from a registered design professional or approved agency for the functional testing of lighting controls. I, as owner/legal agent, do hereby certify that I have retained _____ to be responsible for functional testing of lighting controls. (Registered design professional or energy inspection agency) - please print

Owner's Name: _____ Owner's Signature: _____ Date: _____

CERTIFICATE OF RESPONSIBILITY

To be signed by the registered design professional or energy inspection agency before the building permit is issued.

As the registered design professional or energy inspection agency, I certify that I am familiar with the design of the project and hereby assume full responsibility for carrying out the required functional testing in accordance with Section C408.3 of the International Energy Conservation Code.

Signature of registered design professional or energy inspection agency representative.

Print name: _____

Company name: _____

Date: _____

CERTIFICATE OF COMPLIANCE

To be signed by the registered design professional or energy inspection agency before the C of O is issued.

I certify that, to the best of my knowledge, the requirements of the IECC and approved plans/specifications have been complied with, insofar as the portion of work requiring functional testing, except for previously reported deviations. A guarantee that the building is in full accordance is neither intended nor implied.

Signature of registered design professional or energy inspection agency representative.

Print name: _____

Company name: _____

Date: _____

FUNCTIONAL TESTING REQUIREMENTS (IECC C408.3.1)

C408.3.1 Functional testing. Prior to passing final inspection, the *registered design professional or approved agency* shall provide evidence that the lighting control systems have been tested to ensure that control hardware and software are calibrated, adjusted, programmed and in proper working condition in accordance with the *construction documents* and manufacturer's instructions. Functional testing shall be in accordance with the following applicable control types.

Section C408.3.1.1 Occupant sensor controls. Certify that occupant sensors have been located and positioned in accordance with manufacturer's instructions.

Section C408.3.1.2 Time-switch controls. Confirm that the time-switch control is programmed with accurate weekday, weekend and holiday schedules. Verify that the override time limit is set to not more than 2 hours.

Section C408.3.1.3 Daylight responsive controls. Control devices have been properly located, field calibrated and set for accurate setpoints and threshold light levels. Daylight controlled lighting loads adjust to light level setpoints in response to available daylight.

Copy to be retained in plan review and permit records after the Certificate of Responsibility box (above) is signed.

Copy to be retained by registered design professional or energy inspection agency until completion of project and Certificate of Compliance box (above) is signed; then submitted to Building Inspections prior to issuance of Certificate of Occupancy.

Planning and Development

7447 E Indian School Road, Suite 125, Scottsdale, AZ 85251 ♦ Phone: 480-312-7080