

CERTIFICATE OF ACCEPTANCE

OLTG-2A

NA7.7 Outdoor Lighting Acceptance Tests

(Page 1 of 3)

Project Name/Address:

System Name or Identification/Tag:

System Location or Area Served:

Enforcement Agency:

Permit Number:

Note: Submit one Certificate of Acceptance for each system that must demonstrate compliance.

Enforcement Agency Use: Checked by/Date

FIELD TECHNICIAN'S DECLARATION STATEMENT

- I certify under penalty of perjury, under the laws of the State of California, the information provided on this form is true and correct.
- I am the person who performed the acceptance requirements verification reported on this Certificate of Acceptance (Field Technician).
- I certify that the construction/installation identified on this form complies with the acceptance requirements indicated in the plans and specifications approved by the enforcement agency, and conforms to the applicable acceptance requirements and procedures specified in Reference Nonresidential Appendix NA7.
- I have confirmed that the Installation Certificate(s) for the construction/installation identified on this form has been completed and is posted or made available with the building permit(s) issued for the building.

Company Name:

Field Technician's Name:

Field Technician's Signature:

Date Signed:

Position With Company (Title):

RESPONSIBLE PERSON'S DECLARATION STATEMENT

- I certify under penalty of perjury, under the laws of the State of California, that I am the Field Technician, or the Field Technician is acting on my behalf as my employee or my agent and I have reviewed the information provided on this form.
- I am a licensed contractor, architect, or engineer, who is eligible under Division 3 of the Business and Professions Code, in the applicable classification, to take responsibility for the scope of work specified on this document and attest to the declarations in this statement (responsible person).
- I certify that the information provided on this form substantiates that the construction/installation identified on this form complies with the acceptance requirements indicated in the plans and specifications approved by the enforcement agency, and conforms to the applicable acceptance requirements and procedures specified in Reference Nonresidential Appendix NA7.
- I have confirmed that the Installation Certificate(s) for the construction/installation identified on this form has been completed and is posted or made available with the building permit(s) issued for the building.
- I will ensure that a completed, signed copy of this Certificate of Acceptance shall be posted, or made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a signed copy of this Certificate of Acceptance is required to be included with the documentation the builder provides to the building owner at occupancy.

Company Name:

Phone:

Responsible Person's Name:

Responsible Person's Signature:

License:

Date Signed:

Position With Company (Title):

Project Name/Address:

System Name or Identification/Tag:

System Location or Area Served:

NA7.7.1 Outdoor Motion Sensor Acceptance

Intent: Lights are turned off when not needed per Section 119(d) & 132.

Construction Inspection

- 1. Motion Sensor Construction Inspection
 - Motion sensor has been located to minimize false signals
 - Sensor is not triggered by motion outside of adjacent area
 - Desired motion sensor coverage is not blocked by obstruction that could adversely affect performance

Functional testing

- 1. Simulate motion in area under lights controlled by the motion sensor. Verify and document the following:
 - Status indicator operates correctly.
 - Lights controlled by motion sensors turn on immediately upon entry into the area lit by the controlled lights near the motion sensor
 - Signal sensitivity is adequate to achieve desired control
- 2. Simulate no motion in area with lighting controlled by the sensor but with motion adjacent to this area. Verify and document the following:
 - Lights controlled by motion sensors turn off within a maximum of 30 minutes from the start of an unoccupied condition per Standard Section 119(d).
 - The occupant sensor does not trigger a false "on" from movement outside of the controlled area
 - Signal sensitivity is adequate to achieve desired control.

NA7.7.2 Outdoor Lighting Shut-off Controls

Construction Inspection

- 1. Outdoor Lighting Shut-off Controls Construction Inspection
 - Astronomical time switch controls and automatic time switch controls have been certified to the Energy Commission in accordance with the applicable provision in Standards Section 119. Verify that model numbers of all such controls are listed on the Energy Commission database as "Certified Appliances & Control Devices."
 - Controls to turn off lights during daytime hours are installed
 - Astronomical and standard time switch control is programmed with acceptable weekday, weekend, and holiday (if applicable) schedules
 - Demonstrate and document for the owner time switch programming including weekday, weekend, holiday schedules as well as all set-up and preference program settings
- 2. Lighting systems that meet the criteria of Section 132(c)2 of the Standards shall have a scheduling control (time switch) installed which is able to schedule separately:
 - A reduction in outdoor lighting power by 50 to 80%
 - Turning off all outdoor lighting covered by Section 132(c)2 of the Standards
 - Verify that the correct time and date is properly set in the standard and astronomical time switch.
 - Verify that the correct latitude, longitude and time zone are set in the astronomical time switch.
 - Verify the battery back-up (if applicable) is installed and energized in the standard and astronomical time switch.

Project Name/Address:

System Name or Identification/Tag:

System Location or Area Served:

NA7.7.2.2 Outdoor Photocontrol Functional testing

Note photocontrol must be used in conjunction with time switch or motion sensor to meet the requirements of Section 132(c)2 of the Standards.

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| 1. | Nighttime test. Simulate or provide conditions without daylight. Verify and document: |
| <input type="checkbox"/> | Controlled lights turn on |
| 2. | Sunrise test: Provide between 10 and 30 horizontal footcandles (fc) to photosensor. Verify and document the following |
| <input type="checkbox"/> | Controlled lights turn off |

NA7.7.2.3 Astronomical Time Switch Functional testing

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| 1. | Power off test. Program control with location information, local date and time, and schedules. Disconnect control from power source for at least 1 hour. Verify and document: |
| <input type="checkbox"/> | Control retains all programmed settings and local date and time |
| 2. | Night schedule ON test. Simulate or provide times when the sun has set and lights are scheduled to be ON. Verify and document: |
| <input type="checkbox"/> | Controlled lights turn on |
| 3. | Night schedule OFF test. Simulate or provide times when the sun has set and lights are scheduled to be OFF. Verify and document: |
| <input type="checkbox"/> | Controlled lights turn off |
| 4. | Sunrise test: Simulate or provide the programmed offset time after the time of local sunrise |
| <input type="checkbox"/> | Controlled lights turn off |

NA7.7.2.4 Standard (non-astronomical) Time Switch Functional Testing

Note: this control must be used in conjunction with a photocontrol to meet requirements of Section 132(c) of the Standards.

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| 1. | Power off test. Program control with local date and time and schedules. Disconnect control from power source for at least 1 hour. Verify and document: |
| <input type="checkbox"/> | Control retains all programmed schedules and local date and time |
| 2. | On schedule test. Simulate or provide times when lights are scheduled to be ON. Verify and document: |
| <input type="checkbox"/> | Controlled lights turn on |
| 3. | Schedule test. Simulate or provide times when the sun has set and lights are scheduled to be OFF. Verify and document: |
| <input type="checkbox"/> | Controlled lights turn off |