STATE OF CALIFORNIA

OUTDOOR LIGHTING ACCEPTANCE TESTS



CEC-NF	RCA-I	LTO-02-A (Revised 01/20)		CA	LIFORNIA ENERGY CO	MMISSION ***
CERTIFICATE OF ACCEPTANCE				NR	CA-LTO-02-A	
Outd	Outdoor Lighting Control Acceptance Document (Page 1 of 3)					(Page 1 of 3)
Project Name:			Enforcer	ment Agency:	Permit Nur	mber:
Project /	Addres	s:	City:		Zip Code:	
Comp	lian	ce Results:		Enforcement Agency Use: Checked b	y/Date	
[CON	1PLIE	S or DOES NOT COMPLY]				
				L		
Inten	This document is used to demonstrate compliance with acceptance requirements in §130.4(a)6 and Reference Nonresidential Appendix NA7.8 for outdoor lighting controls. Attach additional sets of pages 1 through 2, as required, for all controls that must be tested.					
		be tested.				
Indica	ate a	II types of outdoor lighting controls tested for this	projec	et:		
	Pho	oto controls (Sections A-1 and B-1 of this document	should	be completed)		
		comatic scheduling controls (including astronomica ctions A-2 and B-2 of this document should be comp		witch controls) not used in conjunction	n with motion sensor	5
	Aut	comatic scheduling controls (including astronomica ctions A-3 and B-3 of this document should be comp	l time s	witch controls) and motion sensors us	ed in conjunction	
	(30)	ctions it 3 and b 3 by this document should be comp	neteuj			
Photo	o Cor	ntrols				
Building	:	Floor:		Room:	Control:	
A-1. F	Photo	o Control Construction Inspection (NA7.8.3)		0.0		
	a.	The photo control is installed. (NA7.8.3)		2000		
Const	ruct	ion Inspection Compliance: Ocomplies D	oes No	t Comply		
		o Control Functional Testing (NA7.8.4) ompliance (Y - yes / N - no) for the control being te	sted.	John Miss		
a.		ring daytime simulation, all controlled outdoor light		urned off. (NA7.8.4(a), §130.2(c)1)		
b.	Dur	ring nighttime simulation, all controlled outdoor lig	hting is	turned on. (<u>NA7.8.4(b)</u>)		
Funct	iona	I Testing Compliance: O Complies Does N	ot Com	ply		
		.03		<u> </u>		
Autor		c Scheduling Controls (Not Used in Conjunction wi	ith Mot	Room:	Control:	
			10		Controll	
		matic Scheduling Control Construction Inspection		- 7 7		
	a.	The automatic scheduling control is installed. (N	- /			-4
	b. The automatic scheduling control is programmed with ON and OFF schedules that match the schedules in the construction documents. <i>OR</i> If the schedule is unknown, the programmed schedule matches the default schedule where the OFF schedule is from 12:00 A.M. to 6:00 A.M. and the ON schedule is all other night time hours, 7 days per week. (NA7.8.7(b))					
	c.	Demonstrate and document the lighting contro holidays (if applicable). (NA7.8.7(c))	l progra	amming including ON and OFF schedule	es for weekdays, wee	kends, and
d. The correct time and date are properly set in the control. (NA7.8.7(d))						
Construction Inspection Compliance: Complies Does Not Comply						
		matic Scheduling Control Functional Testing (NA7) ompliance (Y - yes / N - no) for the control being te				
a. During daytime simulation, all controlled outdoor lighting is turned off. (NA7.8.8(a), §130.2(c)1)						
b.	During nighttime simulation, all controlled outdoor lighting is turned on in accordance with the programmed schedule.					
c.	During nighttime simulation, the power of controlled outdoor lights is turned off or reduced by at least 50% in					
Funct		I Testing Compliance: ○ Complies ○ Does N				1

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M	#		٥		

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Project Name:	Enforcement Agency:	Permit Number:
Project Address:	City:	Zip Code:

Automatic Scheduling Controls and Motion Sensors Used in Conjunction					
Building	:	Floor: Room: Controls:			
A-3.	Autom	atic Scheduling Control and Motion Sensor Construction Inspection (NA7.8.7)			
	a.	The automatic scheduling control is installed. (NA7.8.7(a))			
		The automatic scheduling control is programmed with ON and OFF schedules that match the schedules in the construction			
_	L .	documents. OR			
	b.	If the schedule is unknown, the programmed schedule matches the default schedule where the OFF schedule is from 12:00			
		A.M. to 6:00 A.M. and the ON schedule is all other night time hours, 7 days per week. (NA7.8.7(b))			
	c.	Demonstrate and document the lighting control programming including ON and OFF schedules for weekdays, weekends, and			
	C.	holidays (if applicable). (NA7.8.7(c))			
	d.	The correct time and date are properly set in the control. (NA7.8.7(d))			
	e.	The motion sensor has been located to minimize false signals. (NA7.8.7(a))			
	f.	The motion sensor is not triggered by motion outside of controlled area. (NA7.8.7(b))			
	g.	The desired motion sensor coverage is not blocked by obstructions that could adversely affect performance. (NA7.8.7(c))			
Cons	tructio	n Inspection Compliance: O Complies O Does Not Comply			
		atic Scheduling Control and Motion Sensor Functional Testing (<u>NA7.8.8</u>)			
Confi		npliance (Y - yes / N - no) for the control being tested.			
		on sensor is in a sample group. (NA7.8.2) If sampling method is used, attach a page listing the tested and untested sensors in the			
Ш	samp	le group. If motion sensor is one of the untested sensors in the a sample group, indicate not applicable (N/A) in lines d through I.			
Step		time simulation			
a.	Durir	g daytime simulation, all controlled outdoor lighting is turned off. (NA7.8.8(a), §130.2(c)1)			
Step		attime simulation			
b.	b. During nighttime simulation, all controlled outdoor lighting is turned on in accordance with the programmed schedule. (NA7.8.8(b), §130.2(c)2B)				
		ig nighttime simulation, the power of controlled lighting is turned off or reduced by at least 50% in accordance			
c.		the programmed schedule. (NA7.8.8(c), §130.2(c)2A, §130.2(c)2B)			
Step 3: Simulate motion in the controlled area. (NA7.8.8(b))					
d.	The s	tatus indicator operates correctly. (NA7.8.8(b)i, §110.9(b)4C)			
e.		ontrolled lighting turns on immediately upon entry into the controlled area. (NA7.8.8(b)ii, §130.2(c)3B)			
f.					
Step 4: During simulation of the normally occupied schedule, simulate no occupancy in the controlled area. (NA7.8.8(c))					
	The p	ower of controlled lighting is reduced by at least 50% within 15 minutes from the start of an unoccupied			
g.	cond	ition. Fraction of light output reduction is an acceptable proxy for reduction in lighting power. (NA7.8.8(c)i,			
	_	.2(c)3A, §130.2(c)3B)			
h.		ensor does not trigger a false "on" from movement outside of the controlled area. (NA7.8.2, Step 2(b))			
i. The signal sensitivity is adequate to achieve the desired control. (NA7.8.8(c)ii)					
Step 5: During simulation of the normally unoccupied schedule, simulate no occupancy in the controlled area. (NA7.8.8(d))					
		power of controlled lighting is reduced by at least 50% within 15 minutes from the start of an unoccupied			
j.		ition. Fraction of light output reduction is an acceptable proxy for reduction in lighting power. (NA7.8.8(d)i,			
		.2(c)3A, §130.2(c)3B)			
k.		ensor does not trigger a false "on" from movement outside of the controlled area. (NA7.8.2, Step 2(b))			
l.		ignal sensitivity is adequate to achieve the desired control. (NA7.8.8(d)ii)			
Funct	ional 1	Testing Compliance: Complies Does Not Comply			

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Project Name:	Enforcement Agency:	Permit Number:
Project Address:	City:	Zip Code:

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT				
I certify that this Certificate of Acceptance documentation is accurate and complete.				
Documentation Author Name:	Documentation Author Signature:			
Documentation Author Company Name:	Date Signed:			
Address:	CEA/ATT Certification Identification (If applicable):			
City/State/Zip:	Phone:			
FIELD TECHNICIAN'S DECLARATION STATEMENT				
I certify the following under penalty of perjury, under the laws of the State of California:				
. The information provided on this Certificate of Acceptance is true and correct.				
I am the person who performed the acceptance verification reported on this Certificate of Acceptance (Field Technician).				
The construction or installation identified on this Certificate of Acceptance complies with the applicable 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 Certificate(s) of Installation for the construction or installation identified on this Certificate of Acceptance has been completed and signed by the responsible builder/installer and has been posted or made available with the building permit(s) issued for the building.

Field Technician Name:	Field Technician Signature:	
Field Technician Company Name:	Position with Company (Title):	
Address:	ATT Certification Identification (if applicable):	
City/State/Zip:	Phone:	Date Signed:

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

- 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 Certificate of Acceptance.
- I am eligible under Division 3 of the Business and Professions Code in the applicable classification to accept responsibility for the system design, construction or installation of features, materials, components, or manufactured devices for the scope of work identified on this Certificate of Acceptance and attest to the declarations in this statement (responsible acceptance person).
- The information provided on this Certificate of Acceptance substantiates that the construction or installation identified on this Certificate of Acceptance 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 Certificate(s) of Installation for the construction or installation identified on this Certificate of Acceptance 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.

Responsible Person Name:	Responsible Person Signature:	
Responsible Person Company Name:	Position with Company (Title):	
Address:	CSLB License:	
City/State/Zip:	Phone:	Date Signed: