

**Certificate of Compliance (Sign Lighting)**

Project Name:		Date:	
Project Address:			
Location of Sign	<input type="checkbox"/> Outdoor Signs	<input type="checkbox"/> Indoor Signs	
Phase of Sign Construction	<input type="checkbox"/> New Signs	<input type="checkbox"/> Sign Alterations	
Type of Lighting Control	<input type="checkbox"/> New Lighting Controls	<input type="checkbox"/> Replaced Lighting Controls	<input type="checkbox"/> Not Installing Lighting Controls
This Certificate of Compliance includes the following components (check all that apply)			
<input type="checkbox"/> Mandatory Measures (Lighting Controls)	<input type="checkbox"/> Maximum Allowed Lighting Power	<input type="checkbox"/> Specific Lighting Sources	

**1. Certificate of Compliance Declaration Statement** (this may be a C10, C45 or other eligible person)

- 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 eligible under Division 3 of the California Business and Professions Code to accept responsibility for the lighting design.
- This Certificate of Compliance identifies the lighting features and performance specifications required for compliance with Title 24, Parts 1 and 6 of the California Code of Regulations.
- The design features represented on this Certificate of Compliance are consistent with the information provided to document this design on the other applicable compliance forms, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.

Name:		Signature	
Company:		Phone	
Address:		License number (may be contractor's lic #)	
City/State/Zip:		Date	

**2. Installation Certificate** (to be signed by responsible person after installation)

Permit number (Enforcement Agency Use )	Checked by/Date (Enforcement Agency Use )
--	--

**Installation 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 eligible under Division 3 of the Business and Professions Code to accept responsibility for construction, or an authorized representative of the person responsible for construction.
- I certify that the installed features, materials, components, or manufactured devices identified on this certificate conforms to all applicable codes and regulations, and the installation is consistent with the plans and specifications approved by the enforcement agency.
- I certify that the requirements detailed on this Certificate of Compliance have been met.
- I will ensure that a completed, signed copy of this Installation Certificate 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 Installation Certificate is required to be included with the documentation the builder provides to the building owner at occupancy.

Company Name:		
Responsible Person's Name:		Responsible Person's Signature:
License number (may be contractor's lic #)	Date Signed:	Position With Company:

**Instructions for filling out the Certificate of Compliance (Sign Lighting) SLTG-1C (Page 1 of 4)**  
**Project Description** (For convenience, these instructions may be printed on the back of SLTG-1C, page 1)

**Project Description**

- PROJECT NAME is the title of the project, as shown on the plans and as known to the enforcement agency.
- DATE is the date of preparation of the compliance submittal package. It shall be on or after the date on the plans, and on or before the date on the building permit application.
- PROJECT ADDRESS is the address of the project as shown on the plans and as known to the enforcement agency.
- LOCATION OF SIGN shall be either Outdoor Sign or Indoor Sign.
- PHASE OF SIGN CONSTRUCTION indicates the status of the project described in the compliance documents.  
Check all that are appropriate:
  - ✓ NEW SIGN shall be checked for newly installed signs.
  - ✓ SIGN ALTERATION shall be checked for an alteration to an existing sign. (Note: Replacement of parts of an existing sign, including replacing lamps, the sign face, or ballasts, that do not require rewiring, is not an alteration that is subject to the requirements of the Standards. However, when a sign is relocated, it is subject to the requirements of the Standards.)
- TYPE OF LIGHTING CONTROL indicates the status of the lighting controls described in the compliance documents. Check all that are appropriate:
  - ✓ NEW LIGHTING CONTROLS shall be checked when installing new lighting controls where there had not been existing lighting controls.
  - ✓ REPLACED LIGHTING CONTROL shall be checked when replacing existing lighting controls with compliant lighting controls.
  - ✓ NOT INSTALLING LIGHTING CONTROLS shall be checked when someone else is responsible to install the lighting controls, or when existing lighting controls are already compliant with the Standards.
- This Certificate of Compliance includes the following components (check all that apply):
  - ✓ MANDATORY MEASURES (Lighting Controls). Check this box if the person signing this Certificate of Compliance is responsible for installing compliant lighting controls. Page 2 of 4, parts 3(a) and (b), shall be filled out if this box is checked. Page 2 of 4, part 3(a) shall be filled out if this box is not checked.
  - ✓ MAXIMUM ALLOWED LIGHTING POWER. Check this box if compliance for any signs in this Certificate of Compliance is achieved by the maximum allowed lighting power per square feet of sign compliance option. Page 3 of 4 shall be filled out if this box is checked.
  - ✓ SPECIFIC LIGHTING SOURCES. Check this box if compliance for any signs in this Certificate of Compliance is achieved using the Specific Lighting Source compliance option. Page 4 of 4 shall be filled out if this box is checked.

**Part 1 Certificate of Compliance Declaration Statement**

The Certificate of Compliance Declaration Statement is signed by the person responsible for the energy compliance documentation. The compliance documentation must be consistent with the plans. The person signing the Certificate of Compliance may be a C10, C45, or other person eligible under Division 3 of the California Business and Professions Code to accept responsibility for the sign compliance. The license number may be that of the contractor or other person eligible under Division 3. This person's telephone number is required to facilitate response to any questions that arise.

**Part 2 Installation Certificate**

- Permit number and Checked by/Date are to be filled in only by the Enforcement Agency.

The Installation Declaration Statement may NOT be signed until after the components included in this Certificate of Compliance have been installed. This declaration statement is signed by the person responsible for installing the sign and/or sign lighting controls, consistent with the information listed in this Certificate of Compliance. If the installed sign or sign lighting controls are different than the information in this Certificate of Compliance, then a corrected Certificate of Compliance must be submitted. The person signing this may be a C10, C45, or other person eligible under Division 3 of the California Business and Professions Code to accept responsibility for the sign compliance. The license number may be that of the contractor or other person eligible under Division 3. This person's telephone number is required to facilitate response to any questions that arise.

The Business and Professions Code governs who is qualified to sign these declaration statements. See Chapter 2 of the 2008 Nonresidential Compliance Manual for additional information.

**Certificate of Compliance (Sign Lighting)**

Project Name:	Date:
---------------	-------

**3. Mandatory Sign Lighting Controls**

*NOTES:*

1. *The same responsible person may install both the sign lighting power and the sign lighting controls, or a different responsible person may install the sign lighting controls than the responsible person installing the sign lighting power.*
2. *The Mandatory Measures (sign lighting controls) are required for compliance with the sign lighting Standards. If the person responsible for installing the sign lighting power is not also responsible for the sign lighting controls, then the owner of the sign, general contractor, or architect shall be responsible to have the sign lighting controls installed.*
3. *If more than one person has responsibility for compliance, each responsible person shall prepare and sign a Certificate of Compliance and an Installation Certificate applicable to the portion of construction for which they are responsible; alternatively, the person with chief responsibility for construction shall prepare and sign the Certificate of Compliance Declaration Statement for the entire construction.*

**3a. Statements of Responsibility:** Any person signing the Certificate of Compliance Declaration Statement on page 1 of 4 on this SLTG-1C shall complete Part 3a. Check Yes or No for all of the following statements:

<b>1</b>	I have responsibility for installing the sign lighting controls <input type="checkbox"/> Yes, complete parts 3a and 3b of this form <input type="checkbox"/> No, complete part 3a of this form
<b>2</b>	There are no existing sign lighting controls and I will be installing compliant sign lighting controls <input type="checkbox"/> Yes <input type="checkbox"/> No
<b>3</b>	There are no existing sign lighting controls and someone else will be responsible to install compliant sign lighting controls <input type="checkbox"/> Yes <input type="checkbox"/> No
<b>4</b>	There are existing sign lighting controls that do not comply with the applicable provision of §119 and §133 and I will be installing compliant sign lighting controls <input type="checkbox"/> Yes <input type="checkbox"/> No
<b>5</b>	There are existing sign lighting controls that do not comply with the applicable provision of §119 and §133 and someone else will be responsible to install compliant sign lighting controls <input type="checkbox"/> Yes <input type="checkbox"/> No

**3b. Mandatory Sign Lighting Controls**

If the person signing the Certificate of Compliance Declaration Statement on page 1 of 4 of this SLTG-1C is responsible for complying with the sign lighting control requirements, that person shall answer all of the following questions:

If there are construction documents, indicate where on the building plans the mandatory measures (sign lighting control) note block can be located:

<b>1</b>	§133(a)1. All <b>indoor sign</b> lighting is controlled with an automatic time switch control that complies with the applicable requirements of §119.	Y <input type="checkbox"/>	N <input type="checkbox"/>	NA <input type="checkbox"/>
<b>2</b>	§133(a)1 and 2. All <b>outdoor sign</b> lighting is controlled with an automatic time switch control plus a photo control, or an outdoor astronomical time switch, that comply with the applicable requirements of §119.	Y <input type="checkbox"/>	N <input type="checkbox"/>	NA <input type="checkbox"/>
	<b>Exception to §133(a) 2.</b> Outdoor signs in tunnels or large covered areas that require illumination during daylight hours.	Y <input type="checkbox"/>	N <input type="checkbox"/>	NA <input type="checkbox"/>
<b>3</b>	§133(a)3. All outdoor signs are controlled with a dimmer that provides the ability to automatically reduce sign power by a minimum of 65 percent during nighttime hours.	Y <input type="checkbox"/>	N <input type="checkbox"/>	NA <input type="checkbox"/>
	<b>Exception 1 to §133(a)3.</b> Signs illuminated for less than one hour per day during daylight hours.	Y <input type="checkbox"/>	N <input type="checkbox"/>	NA <input type="checkbox"/>
	<b>Exception 2 to §133(a)3.</b> Outdoor signs in tunnels or large covered areas that require illumination during daylight hours.	Y <input type="checkbox"/>	N <input type="checkbox"/>	NA <input type="checkbox"/>
<b>4</b>	<b>Exception 3 to §133(a)3.</b> Only metal halide, high pressure sodium, cold cathode, or neon lamps used for illuminating signs or parts of signs.	Y <input type="checkbox"/>	N <input type="checkbox"/>	NA <input type="checkbox"/>
	§133(a)4. An Electronic Message Center (EMC) having a new connected lighting power load greater than 15 kW has a control installed capable of reducing the lighting power by a minimum of 30 percent when receiving a demand response signal that is sent out by the local utility.	Y <input type="checkbox"/>	N <input type="checkbox"/>	N/A <input type="checkbox"/>
	<b>Exception to §133(a)4.</b> EMC required by a health or life safety statute, ordinance, or regulation, including but not limited to exit signs and traffic signs.	Y <input type="checkbox"/>	N <input type="checkbox"/>	NA <input type="checkbox"/>

Field Inspector Notes:

**Instructions for filling out the Mandatory Sign Lighting Controls SLTG-1C (Page 2 of 4)**  
(For convenience, these instructions may be printed on the back of SLTG-1C, page 2)

**Part 3 Mandatory Sign Lighting Controls**

- PROJECT NAME and DATE are the same as those at the top of Page 1 of 4 of this Certificate of Compliance.

**Part 3(a) Statements of Responsibility:**

Any person signing the Certificate of Compliance Declaration Statement on page 1 of 4 of this SLTG-1C shall complete Part 3(a), whether they are responsible for only the sign, only the lighting controls, or both. Yes or No must be checked for each of the following statements:

1. I have responsibility for installing the sign lighting controls. If Yes is checked here, complete both Parts 3(a) and 3(b) of this form. If No is checked here, complete only Part 3(a) of this form.
2. There are no existing sign lighting controls and I will be installing compliant sign lighting controls. A 'Yes' answer indicates that the person filling out this Certificate of Compliance is responsible for one of the following: Only the lighting controls or both the lighting controls and the sign lighting power requirements.
3. There are no existing sign lighting controls and someone else will be responsible to install compliant sign lighting controls. A 'Yes' answer indicates that the person filling out this Certificate of Compliance is responsible for only the sign lighting power requirements, and someone else will be responsible for the lighting controls.
4. There are existing sign lighting controls that do not comply with the applicable provision of §119 and §133 and I will be installing compliant sign lighting controls. A 'Yes' answer indicates that the person filling out this Certificate of Compliance is responsible for one of the following: Only the lighting controls, or Both the lighting controls and the sign lighting power requirements.
5. There are existing sign lighting controls that do not comply with the applicable provision of §119 and §133 and someone else will be responsible to install compliant sign lighting controls. 'Yes' answer indicates that the person filling out this Certificate of Compliance is responsible for only the sign lighting power requirements, and someone else will be responsible for the lighting controls.

**Part 3(b) Mandatory Sign Lighting Controls**

If the person signing the Certificate of Compliance Declaration Statement on page 1 of 4 of this SLTG-1C is responsible for complying with the sign lighting control requirements, that person shall answer all of the questions in Part 3(b). If the person signing this Certificate of Compliance is not responsible for the sign lighting controls, then Part 3(b) is not required to be filled out.

- If there are construction documents, indicate where on the building plans the mandatory measures (sign lighting controls) note block can be located. This will help the plan checker locate the compliant controls on the plans.

The provided check boxes shall be completed as applicable to the project. Each row represents one of the mandatory controls requirements for signs. Check Yes (Y), No (N), or Not Applicable (NA) as appropriate for each of the rows below.

1. **§133(a)(1) for indoor signs:** 'Y' indicates the person responsible for complying with the sign lighting control requirements shall install an automatic time switch control meeting the minimum requirements in Section 119(c) of the Standards. 'N' indicates the sign lighting controls do not comply with the Standards, therefore the sign is not in compliance with the Standards. Check 'NA' only if the sign is an outdoor sign that is addressed in question number 2.

2. **§133(a)(1 and 2) for outdoor signs:** 'Y' indicates the person responsible for complying with the sign lighting controls requirements shall install one of the following control systems: 1) Both of the following controls: Automatic time switch control meeting the minimum requirements in Section 119(c) in addition to a photo control, or 2) Outdoor astronomical time switch meeting the minimum requirements in Section 119(i). 'N' indicates one of the following: 1) The sign lighting controls do not comply with the Standards, therefore, the sign is not in compliance with the Standards, or 2) Exception to 133(a)(2) (below) has been checked 'Y'. Check 'NA' only if the sign is an indoor sign that is addressed in question number 1

**Exception to §133(a)2** 'Y' indicates the outdoor signs are in tunnels or large covered areas that require illumination during daylight hours. Therefore, the sign is not required to have the lighting controls required in Section 133(a)(2). 'NA' indicates this exception is not applicable to the sign.

3. **§133(a)(3) for outdoor signs** 'Y' indicates the person responsible for complying with the sign lighting controls requirements shall install a dimmer that provides the ability to automatically reduce sign power by a minimum of 65 percent during nighttime hours. 'N' indicates one of the following: 1) The sign lighting controls do not comply with the Standards, therefore, the sign is not in compliance with the Standards, or 2) One or more of the three Exceptions to §133(a)(3), below, have been checked 'Y'. Check 'NA' only if the sign is an indoor sign that is addressed in question number 1.

**Exception 1 to §133(a)(3)** 'Y' indicates the outdoor sign lighting is ON only at night. 'NA' indicates this exception is not applicable to the sign.

**Exception 2 to §133(a)(3)** 'Y' indicates the outdoor signs are in tunnels or large covered areas that require illumination during daylight hours. 'NA' indicates this exception is not applicable to the sign.

**Exception 3 to §133(a)(3)** 'Y' indicates that only metal halide, high pressure sodium, cold cathode, or neon lamps are used to illuminate the sign or parts of the sign. 'NA' indicates this exception is not applicable to the sign.

4. **§133(a)(4) Electronic Message Center** 'Y' indicates the sign is an Electronic Message Center (EMC) having a new connected lighting power load greater than 15 kW and the person responsible for complying with the sign lighting controls requirements shall install a control that is capable of reducing the lighting power by a minimum of 30 percent when receiving a demand response signal. 'N' indicates either the sign lighting controls do not comply with the Standards, or that the Exception to §133(a)4 below has been checked 'Y'. Check 'NA' only if the sign is not an EMC

**Exception to §133(a)4** 'Y' indicates the sign is an EMC required by a health or life safety statute, ordinance, or regulation, including but not limited to exit signs and traffic signs. 'NA' indicates this exception is not applicable to the sign.

The box on the bottom of this page, "Field Inspector Notes," is for use by the building inspector.

Project Name:

Date:

**4. Maximum Allowed Lighting Power Method of Compliance**

**Certificate of Compliance and Field Inspection Energy Checklist**

Complete this part if there are signs using the maximum allowed lighting power method of compliance. (Complete part 5 of this Certificate of Compliance if there are signs using the Specific lighting sources method of compliance)

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>
Symbol or Code	Description	OPTIONAL ENERGY VERIFIED label (see instructions below) <input checked="" type="checkbox"/>	Allowed Watts				Design Watts Total Installed watts for sign	Complies? Y / N Complies if $H \leq G$	Field Inspector Check that Sign Complies <input checked="" type="checkbox"/>
			Sign Area (ft <sup>2</sup> )	Internally (I) or Externally (E) Illuminated	Allowed LPD (I = 12 W/ft <sup>2</sup> ) (E = 2.3 W/ft <sup>2</sup> )	Allowed Watts = D x F			
		<input type="checkbox"/>							<input type="checkbox"/>
		<input type="checkbox"/>							<input type="checkbox"/>
		<input type="checkbox"/>							<input type="checkbox"/>
		<input type="checkbox"/>							<input type="checkbox"/>
		<input type="checkbox"/>							<input type="checkbox"/>
		<input type="checkbox"/>							<input type="checkbox"/>

- A** Symbol or code used on the plans (when plans are required) and other documents.
- B** A narrative description of the sign, or location of sign on the building; and the location of sign on construction documents.
- C** OPTIONAL - Check this box only if this sign has a permanent, pre-printed, factory-installed, ENERGY VERIFIED label, confirming that the sign complies with the Section 148 of the California 2008 Title 24, Part 6 Standards, using the Maximum Allowed Lighting Power method of compliance. The only labels that will be recognized for this purpose are ENERGY VERIFIED Certification Marks authorized by Underwriters Laboratories (UL) or other Product Certification Body accredited to ISO/IEC Guide 65 by the American National Standards Institute in accordance with ISO/IEC 17011. Surveillance by the Accredited Certification Body shall be an ongoing annual inspection program carried out by a Type A Inspection body in accordance with ISO/IEC 17020. For signs with such an ENERGY VERIFIED label, columns 'D' through 'I' are not required to be filled out. Note: Using an ENERGY VERIFIED label is an optional method to validate compliance. An ENERGY VERIFIED label is not needed for compliance.
- D** The sign area in square feet.
- E** List "I" if the sign is internally illuminated. List "E" if the sign is externally illuminated.
- F** Allowed watts per square foot. Enter 12 if the sign is listed as "I" in column E. Enter 2.3 if sign is listed as "E" in column E.
- G** Multiply the square footage in column D times the allowed Lighting Power Density (LPD = watts) in column F.
- H** Show the total installed watts in the sign, as determined according to the applicable provisions of §130(d or e).
- I** Enter Y if the number in column H is less than or equal to the number in column G. Otherwise, the sign does not comply.
- J** This page doubles as a field inspection checklist.

Field Inspector Notes:

**Instructions for filling out the Maximum Allowed Lighting Power Method of Compliance SLTG-1C**  
**(Page 3 of 4)** (For convenience, these instructions may be printed on the back of SLTG-1C, page 3)

**Part 4 Maximum Allowed Lighting Power Method of Compliance**

There are two methods available for sign lighting compliance. One option is to install no more than the maximum allowed lighting power. The other option is to use only specific lightings sources.

Complete Page 3 of 4 if compliance is achieved using the maximum allowed lighting power per square foot of sign method of compliance. Do not fill out this page if there are signs using only the Specific Lighting Source method of compliance. Instead, complete part 5 (Page 4 of 4) of this Certificate of Compliance if there are signs using the Specific Lighting Source method of compliance.

This page two serves two functions:

1. To document and certify when compliance is achieved using the maximum allowed lighting power per square foot of sign method of compliance, and
2. To be used by the enforcement agency as a field inspection energy checklist for sign lighting.

- PROJECT NAME and DATE are the same as those at the top of Page 1 of 4 of this Certificate of Compliance.

Use a separate row for each sign.

- A. Enter the symbol or code used on the plans (when plans are required) and other documents.
- B. Enter a narrative description of the sign or the location of the sign on the building, and indicate the location of the sign on construction documents.
- C. OPTIONAL - Check this box only if this sign has a permanent, pre-printed, factory-installed ENERGY VERIFIED label, confirming that the sign complies with Section 148 of the California 2008 Title 24, Part 6 Standards, using the maximum allowed lighting power method of compliance. The only labels that will be recognized for this purpose are ENERGY VERIFIED Certification Marks authorized by Underwriters Laboratories (UL) or other Product Certification Body accredited to ISO/IEC Guide 65 by the American National Standards Institute in accordance with ISO/IEC 17011. Surveillance by the Accredited Certification Body shall be an ongoing annual inspection program carried out by a Type A Inspection body in accordance with ISO/IEC 17020. For signs with such an ENERGY VERIFIED label, columns 'D' through 'H' are not required to be filled out. Note: Using an ENERGY VERIFIED label is an optional method to validate compliance. An ENERGY VERIFIED label is not needed for compliance.
- D. Enter the sign area in square feet.
- E. Enter "I" if the sign is internally illuminated, or "E" if the sign is externally illuminated.
- F. Enter the allowed watts per square foot. Enter 12 if the sign is listed as "I" in column E. Enter 2.3 if the sign is listed as "E" in column E.
- G. Enter the maximum allowed lighting power. Multiply the square footage in column D by the allowed Lighting Power Density (LPD = watts) in column F.
- H. Enter the total actual installed watts used for the sign, as determined according to the applicable provisions of §130(d or e).
- I. Enter Y if the wattage entered in column H is less than or equal to the wattage entered in column G. Otherwise, the sign does not comply.
- J. This page doubles as a field inspection checklist. This column is reserved for the building inspector.

Project Name: \_\_\_\_\_

Date: \_\_\_\_\_

**5. Specific Lighting Source Method of Compliance**

**Certificate of Compliance and Field Inspection Energy Checklist**

Complete this part if there are signs using the Specific lighting source method of compliance. (Complete part 4 of this Certificate of Compliance if there are signs using the maximum allowed lighting power method of compliance)

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>
Symbol or Code	Description	<b>OPTIONAL ENERGY VERIFIED label</b> (see instructions below) <input checked="" type="checkbox"/>	Specific light source used for compliance Shall include only lighting technologies listed below List all that apply	Field Inspector Check that Sign Complies <input checked="" type="checkbox"/>
		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>		<input type="checkbox"/>

**A** Symbol or code used on the plans (when plans are required) and other documents.

**B** A narrative description of the sign, or location of sign on the building; and the location of sign on construction documents

**C** OPTIONAL - Check this box only if this sign has a permanent, pre-printed, factory-installed ENERGY VERIFIED label, confirming that this sign complies with the Section 148 of the California 2008 Title 24, Part 6 Standards, using the Specific Lighting Source Method of Compliance. The only labels that will be recognized for this purpose are ENERGY VERIFIED Certification Marks authorized by Underwriters Laboratories (UL) or other Product Certification Body accredited to ISO/IEC Guide 65 by the American National Standards Institute in accordance with ISO/IEC 17011. Surveillance by the Accredited Certification Body shall be an ongoing annual inspection program carried out by a Type A Inspection body in accordance with ISO/IEC 17020. For signs with such an ENERGY VERIFIED label, column 'D' is not required to be filled out. Note: Using an ENERGY VERIFIED label is an optional method to validate compliance. An ENERGY VERIFIED label is not needed for compliance.

**D** Specific Light Source Compliance Method. The sign(s) identified above use only the following technologies:  
List all applicable numbers (1 through 10) that apply in column D above for each row.

- |    |   |
|----|---|
| 1  | High pressure sodium lamps  |
| 2  | Pulse start or ceramic metal halide lamps served by a ballast with $\geq 88\%$ efficiency   |
| 3  | Pulse start metal halide lamps that are $\leq 320$ watts, are not 250 watt or 175 watt lamps, and are served by a ballast with $\geq 80\%$ efficiency   |
| 4  | Neon or cold cathode lamps with transformer or power supply efficiency $\geq 75\%$ with rated output current $< 50$ mA  |
| 5  | Neon or cold cathode lamps with transformer or power supply efficiency $\geq 68\%$ with rated output current $\geq 50$ mA   |
| 6  | Fluorescent lamps with a minimum color rendering index (CRI) of 80<br>(Note: when using electronic ballasts for compliance, lamps with a CRI $< 80$ may be used)  |
| 7  | Light emitting diodes (LEDs) with a power supply with $\geq 80\%$ efficiency  |
| 8  | Single voltage LED external power supplies designed to convert 120 volt AC input into lower voltage DC or AC output, having a nameplate output power less than or equal to 250 watts, and certified to the Energy Commission as complying with the applicable requirements of the Appliance Efficiency Regulations (Title 20) |
| 9  | Compact fluorescent lamps that do not contain a medium screw base sockets (E24/E26)   |
| 10 | Electronic ballasts with a fundamental output frequency $\geq 20$ kHz   |

**E** This page doubles as a field inspection checklist.

Field Inspector Notes:

**Instructions for filling out the Specific Lighting Source Method of Compliance SLTG-1C**  
**(Page 4 of 4)** (For convenience, these instructions may be printed on the back of SLTG-1C, page 4)

**Part 5 Specific Lighting Source Method of Compliance**

There are two methods available for sign lighting compliance. One option is to install no more than the maximum allowed lighting power. The other option is to use only specific lighting sources.

Complete Page 4 of 4 if compliance is achieved using the Specific Lighting Source method of compliance. Do not fill out this page if there are signs only using the allowed lighting power per square foot of sign method of compliance. Instead, complete Part 4 (page 3 of 4) of this Certificate of Compliance if there are signs using the allowed lighting power method of compliance.

This page two serves two functions:

1. To document and certify when compliance is achieved using the Specific Lighting Source method of compliance, and
  2. To be used by the enforcement agency as a field inspection energy checklist for sign lighting.
- PROJECT NAME and DATE are the same as those at the top of Page 1 of 4 of this Certificate of Compliance.

Use a separate row for each sign. Following are the instructions for filling out columns A through E:

- A. Enter the symbol or code used on the plans (when plans are required) and other documents.
- B. Enter a narrative description of the sign or the location of the sign on the building;, and indicate the location of the sign on the construction documents.
- C. OPTIONAL - Check this box only if this sign has a permanent, pre-printed, factory-installed ENERGY VERIFIED label, confirming that the sign complies with Section 148 of the California 2008 Title 24, Part 6 Standards, using the Specific Lighting Source method of compliance. The only labels that will be recognized for this purpose are ENERGY VERIFIED Certification Marks authorized by Underwriters Laboratories (UL) or other Product Certification Body accredited to ISO/IEC Guide 65 by the American National Standards Institute in accordance with ISO/IEC 17011. Surveillance by the Accredited Certification Body shall be an ongoing annual inspection program carried out by a Type A Inspection body in accordance with ISO/IEC 17020. For signs with such an ENERGY VERIFIED label, column 'D' is not required to be filled out. Note: Using an ENERGY VERIFIED label is an optional method to validate compliance. An ENERGY VERIFIED label is not needed for compliance
- D. From the list below, enter numbers 1 through 10 as appropriate. The sign shall use only lighting technologies listed below to comply with the Specific Lighting Source method of compliance. A sign using any lighting technologies other than those listed below cannot use this method of compliance. Instead, they must use the maximum allowed lighting power method of compliance on Page 3 of 4.
  - 1 High pressure sodium lamps
  - 2 Pulse start or ceramic metal halide lamps served by a ballast with  $\geq 88\%$  efficiency
  - 3 Pulse start metal halide lamps that are  $\leq 320$  watts, are not 250 watt or 175 watt lamps, and are served by a ballast with  $\geq 80\%$  efficiency
  - 4 Neon or cold cathode lamps with transformer or power supply efficiency  $\geq 75\%$  with rated output current  $< 50$  mA
  - 5 Neon or cold cathode lamps with transformer or power supply efficiency  $\geq 68\%$  with rated output current  $\geq 50$  mA
  - 6 Fluorescent lamps with a color rendering index (CRI) of  $\leq 80$  (Note: when using electronic ballasts for compliance, lamps with a CRI  $< 80$  may be used)
  - 7 Light emitting diodes (LEDs) with a power supply with  $\geq 80\%$  efficiency
  - 8 Single voltage LED external power supplies designed to convert 120 volt AC input into lower voltage DC or AC output, having a nameplate output power less than or equal to 250 watts, and certified to the Energy Commission as complying with the applicable requirements of the Appliance Efficiency Regulations (Title 20).
  - 9 Compact fluorescent lamps that do not contain a medium screw base sockets (E24/E26)
  - 10 Electronic ballasts with a fundamental output frequency  $\geq 20$  kHz
- E This page doubles as a field inspection checklist. Column E is reserved for the building inspector.