|   |  |   |   |  |  |  | <u> </u>                                 | ACTION TO A CONTROL OF THE CONTROL O |
|---|--|---|---|--|--|--|--|--|
| ,   |  |   |   |  |  |  |  |  |
|   |  |   | 2008 Nonre  | sidential Compliance Forms   |  |  |  |  |
|   |  |   | CERT  | IFICATE OF CO  | MPLIANCE   | 14.  | (Page 3 of 4)                            | ) LT   |
|   |  |   | Project Nam   | NEW ELEMENTA   |  | RGY CHECKLIST  | Date                                     | 4-12-11  |
|   |  |   | automatic d<br>general light                        | ls for all spaces a) area controls,<br>aylighting controls for daylit areas<br>ing controlled seperately from disj<br>res > 50,000ft, <sup>2</sup> in accordance with  | > 2,500ft, <sup>2</sup> d) shut-off controllers, ornamental and display.   | ols, e) display lighting cont                                      | rols, f) tailored lightii                | ina controls -   |
| <i>,</i>                                      |  |   | MANDATO   | RY LIGHTING CONTROLS - F   |  | IERGY  |  |  |
|   |  |   | CHECKLIS  | I  |  |  |  | uns lns  |
|   |  |   |   | Type / Description   | Number<br>of Units   | Location in B  | uilding                                  | Special<br>Features<br>Pass  |
|   |  |   |   |  |  |  |  |  |
|   |  |   |   |  |  |  |  |  |
|   |  |   |   |  |  |  |  |  |
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|   |  |   |   |  |  |  |  |  |
|   |  |   |   |  |  |  |  |  |
|   |  |   | SPECIAL I   | FEATURES INSPECTION CH   | ECKLIST (See Page 2 of 4   | of LTC 10)   |  |  |
|   |  |   | The local en<br>justification a                     | forcement agency should pay special very documentation, and special very building or design that otherwise of  | cial attention to the items s  | pecified in this checklist. T                                      | the adequacy of the                      | iustification a  |
|   |  |   |   |  |  |  |  |  |
|   |  |   |   |  |  |  |  | ٠  |
|   |  |   | Field Inspe   | ctor's Notes or Discrepancies  |  |  |  |  |
|   |  |   |   |  |  |  |  |  |
| ,   |  |   |   | 13.100 Medicande and Company (14.100 April 16.100 April 1 | THE STATE OF THE S |  |  |  |
| CERTIFIC                                      | ATE OF COMPL   | IANCE   | (Part 1 of 2)                                       | OLTG-1-  | cl Ici   | ERTIFICATE   | OF CON                                   | <b>ΙΡΙΙΔΙ</b>  |
| PROJECT NAME PROJECT ADDRESS                  |  |   |   | DATE 4-12-11   | PRO  | JECT NAME  | NEW ELEN                                 | MENTAR   |
| PRINCIPAL DESIGN                              | IN MALONEY PE  | RIVE, BAKERSF   | TELD, CA. TELEPHONE (661) 831-7851                  | Building Permit#   | _  | ighting power allowand   |  |  |
| GENERAL IN                                    | AUTHOR SAME<br>FORMATION   |   | TELEPHONE   | Checked by/Date<br>Enforcement Agency U  | se   | ot Applicable  ighting power allowand                              | ces for local ordin                      | nances or fo   |
| DATE OF PLANS FUNCTION TYPE                   | OUTDOOR  | R LIGHTING ZONE ( 🗸 C   | One) LZ1 LZ2 UTDOOR SIGNS                           | LZ3 LZ4  |  | lot Applicable<br>lighting power allowand<br>lot Applicable        | ces for specific a                       | pplications,   |
| PHASE OF CONSTR                               | OF COMPLIANCE  | RUCTION A   | DDITIONS   ALTERATIONS                              |  | <b>☑</b> N   | ighting power allowand<br>lot Applicable                           |  | ervice statio  |
| This Certificate of Cor                       | mpliance lists outdoor lighting system ertificate applies only to building ligh  | m specifications need to continuous requirements                                  | omply with Title 24, Parts 1 and 6                  | of the California Code   | ΔN   | ign lighting compliance<br>lot Applicable                          |  |  |
| DOCUMENTATION A                               | on preparer hereby certifies the   | at the documentation  | ·   | DATE<br>4-12-1   | Indicat  | itory Measures on Plans<br>le location on plans of Note B          | Hock for Mandatory Me                    | easure   |
| The Principal Lighting                        | N MALONEY PE  Designer hereby certifies that the project compliance forms and worksheets,  | posed outdoor lighting and  | signs design represented in this s                  | et of construction documents is  |  | stalled lighting power<br>ot Applicable<br>I permanently installed |  |  |
| proposed building has of Title 24, Part 6 Ple | been designed to meet the lighting re<br>ase ✓one:<br>tI am eligible under the provisions o  | equirements contained in the of Division 3 of the Busine                          | ne anolicable parts of Sections 110                 | , 119, 130 through 132, 146, and   | 149 CC   | ontrolled by a motion se<br>ot Applicable                          | ensor § 132(a)                           |  |
| responsible for its                           | preparation, and that I am licensed in the provisions of Division 3 of D | in the State of California a  | as a civil engineer or electrical en                | gineer, or I am a licensed archite   | al   | I Luminaires with lamp<br>I outdoor sales areas m<br>ot Applicable | rated greater that<br>leet the Cutoff Re | n 175 watts<br>equirements   |
| as the person respo                           | onsible for its preparation, and that I am<br>digible under Division 3 of the Busine   | n a licensed contractor perfo   | rming this work                                     |  | <b>V</b> A   | Il permanently installed<br>ot Applicable                          | d outdoor lighting                       | j meets the  |
| work described as (These sections of          | exempt pursuant to Business and P<br>the Business and Professions Code a   | Professions Code Sections are printed in full in the Nor                          | s 5537, 5538 and 6737 1                             | , איסיניפוווייס נט a structure or type o   | <b>⊻</b> Bo  | uilding facades, parking<br>ot Applicable                          | j lots, garages, ca                      | anopies, and   |
|   | LONEY PE   | An  |   | 5-30-II EI3083   | . I Secretario   | NTROL LOCATION   | ATIC CONTROL  CONTROL IDENTIFICATION     |  |
| For detailed instruc                          | APPLICANT OUTDOOR LIGHTING<br>trons on the use of this and all E<br>by the California Energy Commis  | Energy Efficiency Stan  |   | · · · · · · · · · · · · · · · · · · ·  | ial  |  |  |  |
| OLTG-1-C C in                                 | ertificate of Compliance Require corporated in schedules on the tither LTG-1-C or OLTG-1-C ma  | red on plans for all sub<br>plans.  |   | Part 2 of 2 may be   |  |  |  |  |
| 1 2 3   | Use LTG-1-C if the project con<br>Use LTG-1-C if the project cor<br>Use OLTG-1-C if the project co   | nsists solely of indoor s<br>nsists of indoor lighting<br>onsists solely of outdo | signs<br>i, and outdoor or indoor signs<br>or signs | •  | ng.  |  |  |  |
| T OLIG-2-C LI                                 | Use OLTG-1-C if the project co-<br>lighting<br>GHTING COMPLIANCE SUMM  | onsists of outdoor light  | ting, and indoor or outdoor si                      |  |  |  |  |  |
| OLTG-3-C A                                    | Igns)<br>REA CALCULATIONS WORKS<br>BN LIGHTING COMPLIANCE Requir   | SHEETS. Applicable pa   | arts required for all outdoor a                     | rea calculations   |  |  |  |  |
| OLTG-4-C out                                  | door signs   |   | ,wimacou signs, ior both                            | assi unu   |  |  |  |  |
| 2005 Nonresidential                           | Compliance Forms   | WARANA AND AND AND AND AND AND AND AND AND  |   |  |  |  |  |  |
| 2005 Nonresidential                           | Compliance Forms   |   |   | January 2  |  | Nonresidential Complis   | ance Forms                               |  |
| 2005 Nonresidential                           | Compliance Forms   |   |   | January 2  |  | Nonresidential Complia   | ance Forms                               |  |
| 2005 Nonresidential                           | Compliance Forms   |   |   | January 2  |  | Vonresidential Complia   | ance Forms                               |  |
| 2005 Nonresidential                           | Compliance Forms   |   |   | January 2  |  | Vonresidential Complia   | ance Forms                               |  |

LIGHTING MANDATORY MEASURES: NONRESIDENTIAL LTG-MM

For every floor, all interior lighting systems shall be equipped with a separate automatic control to shut off the lighting. This automatic control shall meet the requirements of Section 119 and may be an occupancy sensor, automatic time switch, or other

Override for Building Lighting Shut-off The automatic building shut-off system is provided with a manual, accessible override

Automatic Control Devices Certified All automatic control devices specified are certified, all alternate equipment shall be certified

Tandem Wiring for One and Three Lamp Fluorescent Fixtures All one and three lamp fluorescent fixtures are tandem wired with

Individual Room/Area Controls Each room and area in this building is equipped with a separate switch or occupancy sensor

Uniform Reduction for Individual Rooms All rooms and areas greater than 100 square feet and more than 0 8 watts per square

Daylight Area Control All rooms with windows and skylights that are greater than 100 square feet and that allow for the effective use of daylight in the area shall have 50% of the lamps in each daylit area controlled by a separate switch, or the effective use of

daylight cannot be accomplished because the windows are continuously shaded by a building on the adjacent lot. Diagram of

Fluorescent Ballast and Luminaires Certified All fluorescent fixtures specified for the project are certified and listed in the

§132 two lamp ballasts where required by Standards Section 132, or all one and three lamp fluorescent fixtures are specified with

foot of lighting load shall be controlled with bi-level switching for uniform reduction of lighting within the room

§132(a) All permanently installed luminaires with lamps rated over 100 Watts either have a lamp efficacy of at least 60 lumens per Watt

§132(c) Building facades, parking lots, garages, canopies, and outdoor sales meet the Multi-Level Lighting Requirements listed

All Luminaires with lamps rated greater than 175 Watts in hardscape area, including parking lots, building entrances, canopies,

August 2009

Field Inspector

August 2009

(Page 3 of 4) LTG-1C 4-12-11

NEW ELEMENTARY SCHOOL

and installed as directed by the manufacturer

Directory All installed fixtures shall be certified

device for each area with floor-to-ceiling walls

or are controlled by a motion sensor

shading during different times of the year is uncluded on plans

and all outdoor sales areas meet the Cut off Requirements §132(c)1 All permanently installed outdoor lighting meets the control requirements listed

switch in sight of the lights. The area of overriders not to exceed 5,000 square feet

electronic high-frequency ballasts and are exempt from tandem wiring requirements.

§131(c) Display Lighting Display lighting shall be separately switched on circuits that are 20 amps or less 6

§130(c)1 Mandatory lighting power determination for medium base sockets without permanently installed ballasts

Indoor Lighting Measures

Outdoor Lighting Measures:

| NEW ELEMENTARY SCHOOL  | Date 4-12-11                           |                     | INDOOR LIGHTING SCHEDULE and FIELD INSPEC   | TION ENE             | RGY CHECKLI          | .ST              |                         |                         |               |
|--|--|---------------------|---|----------------------|----------------------|------------------|-------------------------|-------------------------|---------------|
| ject Address 9801 HIGHLAND KNOLLS DRIVE Climate Zone   | Building CFA                           | Project N           | NEW ELEMENTARY SCHOOL   |                      |                      | Date             | 4                       | 1-12-11                 |               |
| BAKERSFIELD, CA.   | Unconditioned Floor Area.              | Installa            | Installation Certificate, LTG-1-INST (Retain a copy and verify form is completed and signed ) |                      |                      |                  |                         |                         |               |
| neral Information ding Type  | 7 - 51-4-1/M-4-1                       | Certifica           | ate of Acceptance, LTG-1-2A (Retain a copy and verify form                                    | ıs complete          | d and signed)        |                  | Field In:               | spector                 |               |
| Relocatable Public   | Hotel/Motel  Unconditioned Spaces      | A sepera            | ate Lighting Schedule Must Be Filled Out for Conditioned and Un                               | conditioned          | Spaces Installed     | Liahtina Pc      | <u> </u>                |                         |               |
| - Schools  | Alteration                             | this Ligh           | ting Schedule is only for 💢 CONDITIONED SPACE   | □ UNCO               | NDITIONED SP         | 'ACE             | 1101 110100             | 3 017                   |               |
| <u> </u>   | Tailored                               | ☼ The               | actual indoor lighting power listed below includes all installed pe. § 146(a)                 | rmanent and          | l portable lighting  | systems in       | accorda                 | nce                     |               |
| umentation Author's Declaration Statement  |  |                     | y for offices. Up to the first 0.2 watts per square foot of portable l                        | lahtına ehəll        | not be required t    | o ho includ      | ad in the               | coloulatio              |               |
| I certify that this Certificate of Compliance documentation is accurate and complete.    ORDER   ORDER   Signature   Sign      |  | actu                | al indoor lighting power density in accordance with the Exception are foot is totaled below   | n to <b>§14</b> 6(a) | . All portable ligh  | ting in exce     | ss of 0.2               | watts per               | n or<br>·     |
| JOHN MALONET PE  |  |                     | Luminaire Schedule (Type, Lamps, Ballasts)  |                      |                      | Installed        | I Matta                 |                         |               |
| npany JMPE   | ate 4-12-11                            | А                   | B   | СС                   | E                    |                  | F                       | G                       | Н             |
| 5500 MING AVENUE, SUITE 251  | applicable<br>EA#                      |                     |   | Features             | How watt<br>determ   |                  |                         |                         | Fiel<br>Inspe |
|  | ione (661) 831-7851                    | Name of<br>Item Tag | Complete Luminaire Description  | Special Feat         | CEC Default          | According to     | Number of<br>Luminaires | lled<br>5 (D x F)       |               |
| cipal Lighting Designer's Declaration Statement  |  | Nam                 | ( i e, 3 lamp fluorescent troffer,<br>F32T8, one dimmable electronic ballast )                | Special<br>Watts pe  | from NA8             | §130<br>(d or e) | Nem                     | Installed<br>Watts (D.) | Pass          |
| I am eligible under Division 3 of the California Business and Professiona Code to accept respon-   |  | Δ.                  | SEE FIXTURE SCHEDULE ON E.016   |                      | 3 -                  |                  |                         |                         |               |
| <ul> <li>This Certificate of Compliance identifies the lighting features and performance specifications req</li> <li>Title 24, Pages 1 and 6 of the California Code of Regulations.</li> </ul>   | uired for compliance with              | B                   | SEET INTOINE SOILEDOLL ON LOID  |                      | 2                    |                  | 250                     | 59800<br>3500           | 님             |
| The design features represented on this Certificate of Compliance are consistent with the inform   | ation provided to document this design | P                   |   |                      | 8 🗆                  |                  |                         | 10092                   |               |
| on the other applicable compliance forms, worksheets, calculations, plans and specifications sul approval with this building permit application  | omitted to the enforcement agency for  | F                   |   | □ 25<br>□ 34         |                      |                  | 16                      | 232<br>5440             |               |
| The state of the s |  | Ħ                   |   |                      | 5 🗆                  |                  | 20                      | 500                     |               |
| DE JOHN MALONEY PE Signature   |  |                     |   |                      | 5 0                  |                  | 16                      |                         |               |
| ipany JMPE ( )-  | Phone (805)569-9216                    |                     |   |                      | 5 0                  |                  | 4                       | 140                     |               |
| ress 156 W. ALAMAR AVE. SUITE B  | License# El3083                        | I M<br>N            |   | □ 4 <i>6</i>         | 24 -                 |                  | 2                       |                         |               |
| State/Zip SANTA BARBARA, CA. 93105   | Date 06-2011                           | P                   |   |                      | 4 🗆                  |                  | 1                       | 174                     | <u>-</u>      |
| ting Mandatory Measures icate location on building plans of Mandatory Measures Note Block  E-OI7   |  | Ř                   |   |                      |                      |                  |                         | 232                     |               |
| HTING COMPLIANCE FORMS & WORKSHEETS ( check box if worksheet is included )   |  |                     |   |                      | LLED WATTS           |                  |                         |                         |               |
| detailed instructions on the use of this and all Energy Efficiency Standards compliance forms, please  | refer to the Nonresidential Manual     |                     | Building total number of pages  |                      | Installed Wa         |                  |                         | <br>a=                  | 3714          |
| ished by the California Energy Commission  LTG-1C Pages 1 through 4 Certificate of Compliance. All Pages required on plans for all   | au byouthala                           |                     |   | _                    | (                    | Sum of all p     | ' ' L                   | LTG-1C                  |               |
| LTG-2C Lighting Controls Credit Worksheet  | submittals                             | 1 Watta             | age shall be determined according to Section 130(d and e) Watt                                | age shall be         | rating of light fixt | ure not rati     | ting of bul             | lh                      |               |
| LTG-3C Indoor Lighting Power Allowance   |  | 2 II Fall           | then describe on Page 2 of the Inspection Checklist Form and t                                | акө арргоры          | ate action to corre  | et Verify b      | uilding pl              | ans if nec              | :essary       |
| LTG-4C Pages 1 through 4 Tailored Method Worksheet   |  |                     |   |                      |                      |                  |                         |                         |               |
| LTG-5C Pages 1 and 2 Line Voltage Track Lighting Worksheet   |  |                     |   |                      |                      |                  |                         |                         |               |
|  |  |                     |   |                      |                      |                  |                         |                         |               |
|  |  |                     |   |                      |                      |                  |                         |                         |               |
|  |  |                     |   |                      |                      |                  |                         |                         |               |
| Nonresidential Compliance Forms  | August 2009                            | 2008 Noni           | esidential Compliance Forms   |                      |                      |                  |                         |                         | August        |
| <i>,</i>   | August 2000                            |                     | osasima. Compranto roma   |                      |                      |                  |                         | ,                       | augusi        |
|  |  |                     |   |                      |                      |                  |                         |                         |               |
|  |  |                     |   |                      |                      |                  |                         |                         |               |
| RTIFICATE OF COMPLIANCE  | (Page 4 of 4) LTG-1C                   | IND                 | OOR LIGHTING POWER ALLO   | \Λ/Δ Νι              | îE                   |                  |                         | <u>1</u>                | TC            |
| NEW ELEMENTARY SCHOOL  | Date 4-12-11                           | Project             |   | A A \                | <u> </u>             | Date             | e.                      | 4-l2-l                  | _TG-:<br>II   |
| tioned and Unconditioned space Lighting must not be combined for compliance  |  | ALLO                | WED LIGHTING POWER (Chose One Method)   |                      |                      |                  |                         |                         |               |
| Lighting Power for Conditioned Spaces Indoor Lighting Power for Uncon-   | ditioned Spaces                        |                     | rate LTG-3C must be filled out for Conditioned and Unconditione                               | ed Spaces I          | ndoor Lighting Po    | ower Allowa      | ances liste             | ed on                   |               |

(Page 1 of 4) LTG-1C

CERTIFICATE OF COMPLIANCE

January 2006

2008 Nonresidential Compliance Forms

| CERTIFICATE OF C  | <u>OMPLIANCE</u>  |   | (Page 4 of 4)   | LTG-1C   | INDOOR                                     | LIGH                                   | TING P                        | OWER                                    | R ALLOWAN  | CF                                      |                     | <del></del>                             | LTG-                                    |
|---|---|---|---|--|--|--|-------------------------------|---|--|---|---------------------|---|---|
| Project Name NEW ELEM   | Date  | 4-12-11   |   |  |  |  |                               |   | 4-   | 12-11                                   |                     |   |   |
| Conditioned and Unconditioned space   |   |   |   |  | ALLOWED LIGH                               |  |                               |   |  |   | I                   | *************************************** |   |
| Indoor Lighting Power for Conditione  |   | Indoor Lighting   | Power for Unconditioned Space   |  | A Seperate LTG-30                          | must be fil                            | led out for Co                | onditioned and                          | d Unconditioned Spaces I                           |   |                     | ices listed c                           | on                                      |
| Installed Lightin   | Watts   |   | Installed Lighting  | Watts  | this page are only f                       | 01 17 00                               | NOTHONED                      | spaces                                  | LJ U   | NCONDITIONED                            | spaces              |   |   |
| ( from Conditioned LTG-1C Page 2  |   | ( from U  | Inconditioned LTG-1C Page 2)  |  | COMPLETE BUI                               | LDING ME                               | THOD                          | · · · · · · · · · · · · · · · · · · ·   |  |   | W(1                 |   |   |
| Lighting Control Cred<br>Conditioned Spaces ( from LTG-2C   | ) -   | Uncond  | Lighting Control Credit ationed Spaces (from LTG-2C)  | -  |  |  | <del></del>                   | §146 Table 1                            | 146-E )  | WATTS<br>PER (ft²)                      |                     | MPLETE<br>G AREA                        | = ALLOW<br>WATT                         |
| Adjusted Installe<br>Lighting Powe  |   |   | Adjusted Installed<br>Lighting Power  | =  | SCHO                                       | 20L                                    |                               |   |  | 1.0                                     |                     | 0,005                                   | 110,00                                  |
| Complies if Ins   | talled <u>≤</u> Allowed   |   | Complies if Insta   | alled < Allowed  |  |  |                               |   |  | TOTAL                                   | _                   |   |   |
| Allowed Lighting Powe Conditioned Spaces (from LTG-3C   |   | Uncond  | Allowed Lighting Power itioned Spaces ( from LTG-3C )   |  |  |  |                               |   | **************************************             | TOTAL                                   |                     | REA                                     | WATT                                    |
| Required Acceptance Tests   |   |   |   |  | AREA CAREGO                                | RY METHO                               | DD - Part A                   | *************************************** |  | *************************************** |                     |   |   |
| Designer:   |   |   |   |  |  |  |                               | ~~~~                                    |  | В                                       |                     | С                                       | D                                       |
| This form is to be used by the designer ai<br>The designer is required to check the acc<br>the Acceptance Requirements for Code C<br>lighting and the number of systems. The l<br>Since this form will be part of the plans, or | eptance tests and list all co<br>compliance If all the lighting<br>NA7 Section in the Appendi | introl devices servi<br>g system or contro<br>ix of the Nonreside | ing the building or space shall be ce<br>I of a certain type requires a test, lis<br>Intial Reference Appandices Manual | rtified as meeting<br>t the different<br>I describes the test. | AREA                                       | CATEGOR                                | Y ( from § 146                | 3 Table 146-F                           | • )  | WATTS<br>PER (ft²)                      | X ARE               | EA (ft²)                                | ALLOWE<br>WATTS                         |
| Forms can be grouped by type of Luminal   | re controlled   | , and it in a reapoint  | own party to wadget for the ecope o   | т чист арргорналогу.   |  |  |                               |   |  | {                                       | ┨ ├──               |   |   |
| Enforcement Agency:   |   |   |   |  | <del></del>                                |  |                               |   |  |   |                     |   |   |
| Systems Acceptance, before Occupancy controls is installed in the building or space   | Permit is granted for a new   | ly constructed bui  | lding or space or when ever new ligi  | hting system with  |  |  |                               |   |  | -                                       |                     |   |   |
| The LTG-2A form is not considered a con   | plete form and is not to be   | accepted by the e   | enforcement agency unless the boxe  | es are checked and/or  |  |  |                               |   |  | 1                                       | <b>-</b>            |   |   |
| filled and signed. In addition, a Certificate   | of Acceptance forms shall   | be submitted to th  | e enforcement agency that certifies   | plans, specifications,   |  |  |                               |   |  |   |                     |   |   |
| installation certificates, and operating and must receive the properly filled out and sig   | maintenance information in<br>Ined forms before the build                                     | neet tne requireme<br>ling can receive fin                        | ents of \$10-103(b) of Title 24 Part 6.<br>Ial occupancy. A copy of the LTG-22  | The field inspector  A for each different                      |  | <del></del>                            |                               |   |  | <b>∤</b> }                              |                     |   |   |
| lighting luminaire control(s) must be provide   | led to the owner of the buil  | ding for their recoi  | rds.  |  |  |  |                               |   |  |   |                     |   |   |
|   | Luminaires Contr  | olled   |   | LTG-2A   |  |  |                               | *************************************** |  | <b> </b>                                |                     |   |   |
| <u> </u>  |   |   |   | Controls and<br>Sensors and                                    |  |  | Sum of Addit                  | tional Allowed                          | i Watts from Area Categor                          | II<br>rv Method - Part I                | Ll<br>B ( from tabl | e below )                               |   |
|   |   | Number<br>of like<br>Controls                                     |   | Automatic  |  |  |                               |   |  | TOTA                                    |                     |   |   |
| Equipment Requiring Testing   | Description   | N S S S S S S S S S S S S S S S S S S S                           | Location  | Daylighting Controls<br>Acceptance                             |  |  |                               |   |  |   | A                   | REA                                     | WATT                                    |
|   |   |   |   |  | AREA CAREGOR                               | Y METHO                                | ND - Dad B                    | Additio                                 | onal Wattage Allowance                             | o / from table 1                        | AG E Footo          | -11                                     | *************************************** |
|   | ,   |   |   |  | A  | В                                      | C                             | D                                       | · · · · · · · · · · · · · · · · · · ·              | E                                       | 40-r r00tii         | II F                                    | G                                       |
|   |   |   |   |  |  |  | Additional                    |   | ,  |   |                     | 1                                       | ALLOWE                                  |
|   |   |   |   |  | Primary                                    |  | Watts<br>Per ft <sup>2</sup>  | Wattage<br>Allowance                    | Description(s) ar                                  | nd Quantity of Sp                       | ocial               | Total<br>Design                         | WATTS<br>Smaller                        |
|   |   |   |   |  | Function                                   | Sq Ft                                  | Allowed                       | (BXC)                                   | Luminaire <sup>2</sup> Types in e                  | each Primary Fun                        | ction Area          | Watts                                   | D or F                                  |
|   |   |   |   |  |  |  |                               |   |  |   |                     | <b> </b>                                |   |
|   |   |   |   |  | Andrew A. A                                |  |                               | <u> </u>                                |  |   |                     | <b>∤├──</b> ─                           | <b> </b>                                |
|   |   |   |   |  |  |  |                               |   | TOTALS - Enter into Are                            |   | •                   | ,                                       | · •                                     |
|   |   |   |   |  | Additional watts av     assembly or manual | ailable only                           | when allowed                  | d according to                          | the footnotes on bottom on commercial/industrial v | of Table 146-F fo                       | r chandelier        | or sconce, a                            | art, craft,                             |
|   |   |   |   |  |  |  |                               |   |  | •                                       |                     |   |   |
|   |   |   |   |  | Special luminaires                         | are light fixt                         | ures describe                 | ed in the Table                         | e 146-F Footnotes that are                         | e subject to an ad                      | ditional watt       | ige allowan                             | ce                                      |
|   |   |   |   |  |  | ······································ |                               |   |  |   |                     |   |   |
|   |   |   |   |  | TAILORED METH                              |  |                               |   |  |   | WWW.                |   |   |
|   |   |   |   |  |  |  |                               |   | the Tailored Method take                           | •                                       | -                   |   |   |
|   |   |   |   |  | A seperate set of L                        | power allow<br>FG-4C form              | ance using the shall be fille | ne Tailored Me<br>ed out for COI        | ethod of compliance shall<br>NDITIONED and UNCONE  | be determined us<br>DITIONED spaces     | sing the LTG<br>s   | -4C set of fo                           | orms                                    |
|   |   |   |   |  |  |  |                               |   |  |   |                     |   |   |
| 2008 Nonresidential Compliance Forms  |   |   |   | August 2009  | A=-0.500.                                  |  |                               |   |  |   |                     |   |   |

CERTIFICATE OF COMPLIANCE

(Page 2 of 4) LTG-1C

August 2009

August 2009

2005 Nonresidential Compliance Forms

January 2006

| TE OF COMPLIA  | AIACE                            | (Part 2 of 2)                  | OLTG-1-C               |
|--|----------------------------------|--------------------------------|------------------------|
| NEW ELEMENTA   | RY SCHOOL                        | D                              | A-12-11                |
| ns Show that Outdoor Lighting I                                | Meets Allowed Lighting Power     |                                |                        |
| ances for general site illumin                                 | ation on OLTG-2-C Part 1 of      | 4                              |                        |
| ances for local ordinances or                                  | r for security multipliers on OL | .TG-2-C Part 2 of 4            |                        |
| ances for specific application                                 | s, other than vehicle service    | stations with canopies on 0    | OLTG-2-C Part 3 of 4   |
| ances for vehicle service sta                                  | tion canopies on OLTG-2-C F      | Part 4 of 4                    |                        |
| nce on OLTG-4-C  |                                  |                                |                        |
| ns Show that Outdoor Lighting<br>e Block for Mandatory Measure | Meets Outdoor Lighting Contro    | ls and Equipment               |                        |
| er has been determined in a                                    | ccordance with § 130(c)1         |                                |                        |
| ed luminaires with lamp rated sensor § 132(a)                  | over 100 watts either have a l   | amp efficacy of at least 60 l  | umens per watt or are  |
| np rated greater than 175 wat<br>meet the Cutoff Requiremen    | tts in hardscape areas, includin | ng parking lots, building entr | ances, canopies, and   |
|  |                                  |                                |                        |
| lled outdoor lighting meets th                                 | ne Control Requirements of §     | 132(C)1                        |                        |
|  | ne Control Requirements of §     |                                | uirements of § 132(c)2 |
| ing lots, garages, canopies, a                                 |                                  |                                | uirements of § 132(c)2 |
| ing lots, garages, canopies, a                                 |                                  | he Multi-Level Lighting Req    |                        |
| ng lots, garages, canopies, a  MATIC CONTROLS  CONTROL         | and outdoor sales areas meet t   | he Multi-Level Lighting Req    | D NOTE TO              |
| ing lots, garages, canopies, a  MATIC CONTROLS  CONTROL        | and outdoor sales areas meet t   | he Multi-Level Lighting Req    | D NOTE TO              |
| ing lots, garages, canopies, a  MATIC CONTROLS  CONTROL        | and outdoor sales areas meet t   | he Multi-Level Lighting Req    | D NOTE TO              |
| ing lots, garages, canopies, a  MATIC CONTROLS  CONTROL        | and outdoor sales areas meet t   | he Multi-Level Lighting Req    | D NOTE TO              |

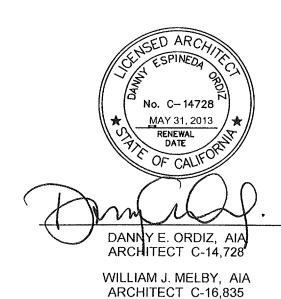
|  |   | Motted Watt                               |                           |                               | Luminaire   |                       | aria esperante establicare | Lamps/E                             | allasts           | A STATE OF THE PARTY OF THE PAR |                        | installe          | d Watts                |         |
|--|---|---|---------------------------|-------------------------------|-------------|-----------------------|----------------------------|-------------------------------------|-------------------|--|------------------------|-------------------|------------------------|---------|
| A  | В   | С   | D                         | E                             | F           | G                     | Н                          |                                     | J                 | К  | L                      | M                 | N                      | C       |
| Lighting Applications<br>Category<br>(Table 147-A) | Area (†1 <sup>2</sup> ) or<br>Length (LF) | Allotted LPD<br>W/ft <sup>2</sup> or W/LF | Allotted Watts<br>(B x C) | Code for<br>Luminaire<br>Type | Description | Cutoff<br>Designation | Lamp Type                  | Number<br>of Lamps per<br>Luminaire | Watts<br>per Lamp | Number<br>of Ballast per<br>Luminaire  | Watts<br>per Luminaire | If CEC<br>Default | Number<br>of Luminaire | (L × N) |
|  |   |   |                           |                               |             |                       |                            |                                     |                   |  |                        |                   |                        |         |
|  |   |   | -                         |                               |             |                       |                            |                                     |                   |  |                        |                   |                        |         |
|  |   |   |                           |                               |             |                       |                            |                                     |                   |  |                        |                   |                        |         |
|  |   |   |                           |                               |             |                       |                            |                                     |                   |  |                        |                   |                        |         |
|  |   |   |                           |                               |             |                       |                            |                                     |                   |  |                        |                   |                        |         |
|  |   |   |                           |                               |             |                       |                            |                                     |                   |  |                        |                   |                        |         |
|  |   |   |                           |                               |             |                       |                            |                                     |                   |  |                        |                   |                        |         |
|  | Total Allotte                             | d Watts                                   |                           |                               |             |                       |                            |                                     |                   | Total  | Installed              | Watts             |                        |         |

2008 Nonresidential Compliance Forms

| CT NAME NEW                                | N ELEMENTARY SCH  | 100L  |   |                   |   | DATE 4   | -12-11   |
|--|---|---|---|-------------------|---|--|--|
| ardscape - Method (i)                      |   |   |   |                   | and the second second second                            |  |  |
| . Hardscape for automotive vehi            | cular use, including parking le   | ots, driveways  | and site roads  | Markey or - Rosey |   |  | #2000 Martin and Control of Contr |
| Α  | В   | С   | D   | E                 | F   | G  | Н  |
|  | Actual Paved Area plus 5'   | Area  | as (ft <sup>2</sup> ) to Subtrac  | t from withi      | n Illuminated A   | rea  |  |
| List Specific Application<br>(Table 147-A) | perimeter of adjacent<br>unpaved land Includes<br>planters and landscaped<br>areas less than 10' wide<br>that are enclosed by<br>hardscape on at least 3<br>sides | Areas between poles or luminaires that are greater than 6' mounting height distance (if Applicable) | Overlapping<br>Areas of<br>Another<br>Application or<br>Luminaire                   | Building<br>Areas | Areas<br>Obstructed<br>By Sign or<br>Other<br>Structure | Sub Total<br>of areas to<br>Subtract<br>(C + D +<br>E + F) | Illuminated Area<br>(B - G)  |
|  |   |   |   |                   |   |  |  |
| 3. Hardscape for pedestrian u              | se, including plazas, sidewa  | alks, walkway   | s and bikewa  | ys                |   |  |  |
| B. Hardscape for pedestrian u              | se, including plazas, sidewa  | alks, walkway   | s and bikewa  | ys<br>E           | F   | G  | Н  |
|  |   | С   |   | E                 |   | 1 - 1  | Н  |
|  |   | С   | D   | E                 |   | 1 - 1  | H Illuminated Area (B - G)   |
| List Specific Application                  | Actual Paved Area plus 5' of unpaved land on either side of path of travel Shall include all contiguous paved area before including                               | C Areas between poles or luminaires that are greater than 6 mounting height distance                | D  S (ft <sup>2</sup> ) to Subtract  Overlapping  Areas of  Another  Application or | E from within     | Areas Obstructed By Sign or Other                       | Sub Total of areas to Subtract (C + D +                    | Illuminated Area   |
| A  List Specific Application               | Actual Paved Area plus 5' of unpaved land on either side of path of travel Shall include all contiguous paved area before including                               | C Areas between poles or luminaires that are greater than 6 mounting height distance                | D  S (ft <sup>2</sup> ) to Subtract  Overlapping  Areas of  Another  Application or | E from within     | Areas Obstructed By Sign or Other                       | Sub Total of areas to Subtract (C + D +                    | Illuminated Area   |

January 2006

5500 MING AVENUE SUITE 280 BAKERSFIELD, CALIFORNIA 93309 TELEPHONE (661) 832-5258 FACSIMILE (661) 832-4291



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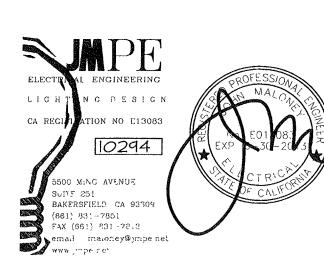
CONSULTANT

NEW ELEMENTARY SCHOOL 9801 HIGHLAND KNOLLS DR BAKERSFIELD CALIFORNIA 93306

NEW MIDDLE SCHOOL 4115 VINELAND ROAD BAKERSFIELD CALIFORNIA

BAKERSFIELD CITY SCHOOL DISTRICT 1300 BAKER STREET

BAKERSFIELD CALIFORNIA



MARK DATE DESCRIPTION

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