CERTIFICATE OF COMPLIANCE  PROJECT NAME Skyline Community College Building 7 Modernization  DATE 10/30/06  PROJECT ADDRESS 3300 College Drive, San Bruno, CA  PRINCIPAL DESIGNER - LIGHTING ALFA TECH INC - S.F.  DOCUMENTATION AUTHOR ALFA TECH INC - S.F.  COCUMENTATION AUTHOR ALFA TECH INC - S.F.  DOCUMENTATION DATE OF PLANS: 12/05/05  BUILDING CONDITIONED FLOOR AREA - 6,600 Square Feet CLIMATE ZONE - 3  BUILDING TYPE  NONDESIDENTAL HIGH RISE RESIDENTIAL CONDITIONED SPACES UNCONDITIONED SPACES UNCONDITIONED SPACES UNCONDITIONED SPACES UNCONDITIONED SPACES UNCONDITIONED SPACES NAME OF PLANS: 12/05/05  BUILDING TYPE AND CONDITIONED SPACES UNCONDITIONED SPACES UNCONDITIONED SPACES UNCONDITIONED SPACES UNCONDITIONED SPACES UNCONDITIONED SPACES UNCONDITIONED SPACES TALEMENT OF COMPLIANCE  This Certificate of Compliance lists the building features and performance specifications needed to comply with Title 24, Parts 1 and 6 of the California Code of Regulations. This certificate applies only to building lighting requirements.  The documentation preparer hereby certifies that the documentation is accurate and complete.  DOCUMENTATION AUTHOR Valeria Torres  Valeria Torres  DATE 02/23/07  The Principal Lighting Designer hereby certifies that the proposed building design represented in this set of construction	
Skyline Community College Building 7 Modernization  10/30/06  PROJECT ADDRESS 300 College Drive, San Bruno, CA  PRINCIPAL DESIGNER - LIGHTING ALFA TECH INC - S.F.  COCUMENTATION AUTHOR ALFA TECH INC - S.F.  COCUMENTATION AUTHOR ALFA TECH INC - S.F.  CHEEPHONE CHECKED BUILDING CONDITIONED FLOOR AREA - 6,800 Square Feet CLIMATE ZONE - 3  FULLDING TYPE X NONRESIDENTAL HIGH RISE RESIDENTIAL HOTELMOTEL GUEST ROOM CONDITIONED SPACES UNCONDITIONED SPACES INDOOR/OUTDOOR SIGNS  PHASE OF CONSTRUCTION NEW CONSTRUCTION ADDITION  ADDITION  ACTION FULL SHIP STATES AND ADDITION  ACTION FULL SHIP SHIP SHIP SHIP SHIP SHIP SHIP SHIP	
PROJECT ADDRESS 300 College Drive, San Bruno, CA  PRINCIPAL DESIGNER - LICHTING ALFA TECH INC - S.F.  COCUMENTATION AUTHOR ALFA TECH INC - S.F.  COCUMENTATION CATE OF PLANS: 1205/05  BUILDING CONDITIONED FLOOR AREA - 6,600 Square Feet  CLIMATE ZONE - 3  CONDITIONED SPACES  UNCONDITIONED SPACES  UNCONDITIONED SPACES  COMPLIANCE  COMPLIANCE  COMPLETE BLDG.  AREA CATEGORY  TAILORED  PERFORMANCE  COMPLIANCE  This Certificate of Compliance lists the building features and performance specifications needed to comply with Title 24, Parts 1 and 6 of the California Code of Regulations. This certificate applies only to building lighting requirements.  The documentation preparer hereby certifies that the documentation is accurate and complete.  COMMENTATION AUTHOR  Valeria Torres  Valeria Torres  Compliance lighting Designer hereby certifies that the proposed building design represented in this set of construction  DATE  02/23/107	
RINCIPAL DESIGNER - LIGHTING ALFA TECH INC - S.F.  COUMENTATION AUTHOR ALFA TECH INC - S.F.  COUMENTATION AUTHOR ALFA TECH INC - S.F.  COUMENTATION AUTHOR ALFA TECH INC - S.F.  ENERAL INFORMATION  ATE OF PLANS: 120505  BUILDING CONDITIONED FLOOR AREA - 6,600 Square Feet  CLIMATE ZONE - 3  UILDING TYPE  X NONRESIDENTAL HIGH RISE RESIDENTIAL HOTEL/MOTEL GUEST ROOM CONDITIONED SPACES UNCONDITIONED SPACES UNCONDITIONED SPACES INDOOR/OUTDOOR SIGNS  HASE OF CONSTRUCTION NEW CONSTRUCTION ADDITION X ALTERATION  ETHOD OF LIGHTING COMPLETE BLDG. X AREA CATEGORY TAILORED PERFORMANCE  STATEMENT OF COMPLIANCE This Certificate of Compliance lists the building features and performance specifications needed to comply with Title 24, Parts 1 and 6 of the California Code of Regulations. This certificate applies only to building lighting requirements.  The documentation preparer hereby certifies that the documentation is accurate and complete.  SIGNATURE Valeria Torres  DATE 02/23/107  The Principal Lighting Designer hereby certifies that the proposed building design represented in this set of construction	
ALFA TECH INC - S.F.  COCUMENTATION AUTHOR  ALFA TECH INC - S.F.  CHECKED BY/Date  Enforcement Agency Use  CLIMATE ZONE - 3  ENLIDING TYPE  X NONRESIDENTAL  HIGH RISE RESIDENTIAL  HOTEL/MOTEL GUEST ROOM  ADDITION  X ALTERATION  METHOD OF LIGHTING  COMPLETE BLDG.  X AREA CATEGORY  TAILORED  PERFORMANCE  COMPLIANCE  COMMON LIGHTING  COMPLIANCE  This Certificate of Compliance lists the building features and performance specifications needed to comply with Title 24, Parts 1  and 6 of the California Code of Regulations. This certificate applies only to building lighting requirements.  The documentation preparer hereby certifies that the documentation is accurate and complete.  DOCUMENTATION AUTHOR  Valeria Torres  The Principal Lighting Designer hereby certifies that the proposed building design represented in this set of construction	
Checked by/Date Enforcement Agency Use  ALFA TECH INC - S.F.  GENERAL INFORMATION  DATE OF PLANS: 12/05/05  BUILDING CONDITIONED FLOOR AREA - 6,600 Square Feet  CLIMATE ZONE - 3  BUILDING TYPE  X NONRESIDENTAL HIGH RISE RESIDENTIAL HOTEL/MOTEL GUEST ROOM  CONDITIONED SPACES UNCONDITIONED SPACES INDOOR/OUTDOOR SIGNS  CHASE OF CONSTRUCTION NEW CONSTRUCTION ADDITION  WETHOD OF LIGHTING COMPLETE BLDG. X AREA CATEGORY TAILORED PERFORMANCE  COMPLIANCE  COMPLIANCE  STATEMENT OF COMPLIANCE  This Certificate of Compliance lists the building features and performance specifications needed to comply with Title 24, Parts 1 and 6 of the California Code of Regulations. This certificate applies only to building lighting requirements.  The documentation preparer hereby certifies that the documentation is accurate and complete.  SIGNATURE  Valeria Torres  Checked by/Date Enforcement Agency Use  Chicked by/Date Enforcement Agency Use  Chicked by/Date Enforcement Agency Use  Chicked by/Date Enforcement Agency  Checked by/Date Enforcement Agency  Checked by/Date Enforcement Agency  Checked by/Date Enforcement Agency  Chicked by/Date Enforcement	
ALFA TECH INC - S.F.  (415) 403-3000 Enforcement Agency Use  SENERAL INFORMATION  INTE OF PLANS: 12/05/05 BUILDING CONDITIONED FLOOR AREA - 6,600 Square Feet CLIMATE ZONE - 3  INILIDING TYPE X NONRESIDENTAL HIGH RISE RESIDENTIAL HOTEL/MOTEL GUEST ROOM  CONDITIONED SPACES UNCONDITIONED SPACES INDOOR/OUTDOOR SIGNS  PHASE OF CONSTRUCTION NEW CONSTRUCTION ADDITION X ALTERATION  METHOD OF LIGHTING COMPLETE BLDG. X AREA CATEGORY TAILORED PERFORMANCE  COMPLIANCE COMMON LIGHTING  STATEMENT OF COMPLIANCE  This Certificate of Compliance lists the building features and performance specifications needed to comply with Title 24, Parts 1 and 6 of the California Code of Regulations. This certificate applies only to building lighting requirements.  The documentation preparer hereby certifies that the documentation is accurate and complete.  DOCUMENTATION AUTHOR  Valeria Torres  The Principal Lighting Designer hereby certifies that the proposed building design represented in this set of construction	
SENERAL INFORMATION  NATE OF PLANS: 12/05/05  BUILDING CONDITIONED FLOOR AREA - 6,600 Square Feet  CLIMATE ZONE - 3  UILDING TYPE  X NONRESIDENTAL  HIGH RISE RESIDENTIAL  HOTEL/MOTEL GUEST ROOM  CONDITIONED SPACES  UNCONDITIONED SPACES  HASE OF CONSTRUCTION  NEW CONSTRUCTION  NEW CONSTRUCTION  ADDITION  X ALTERATION  METHOD OF LIGHTING  COMPLETE BLDG.  X AREA CATEGORY  TAILORED  PERFORMANCE  COMMON LIGHTING  STATEMENT OF COMPLIANCE  This Certificate of Compliance lists the building features and performance specifications needed to comply with Title 24, Parts 1 and 6 of the California Code of Regulations. This certificate applies only to building lighting requirements.  The documentation preparer hereby certifies that the documentation is accurate and complete.  SIGNATURE  Valeria Torres  DATE  02/23/07	
UILDING TYPE    X   NONRESIDENTAL	
CONDITIONED SPACES UNCONDITIONED SPACES INDOOR/OUTDOOR SIGNS  HASE OF CONSTRUCTION NEW CONSTRUCTION ADDITION X ALTERATION  IETHOD OF LIGHTING COMPLETE BLDG. X AREA CATEGORY TAILORED PERFORMANCE  COMPLIANCE COMMON LIGHTING  STATEMENT OF COMPLIANCE This Certificate of Compliance lists the building features and performance specifications needed to comply with Title 24, Parts 1 and 6 of the California Code of Regulations. This certificate applies only to building lighting requirements.  The documentation preparer hereby certifies that the documentation is accurate and complete.  DATE Valeria Torres  DATE 02/23/07	
PHASE OF CONSTRUCTION NEW CONSTRUCTION ADDITION X ALTERATION  METHOD OF LIGHTING COMPLETE BLDG. X AREA CATEGORY TAILORED PERFORMANCE  COMPLIANCE COMMON LIGHTING  STATEMENT OF COMPLIANCE  This Certificate of Compliance lists the building features and performance specifications needed to comply with Title 24, Parts 1 and 6 of the California Code of Regulations. This certificate applies only to building lighting requirements.  The documentation preparer hereby certifies that the documentation is accurate and complete.  DOCUMENTATION AUTHOR  Valeria Torres  DATE  02/23/07  The Principal Lighting Designer hereby certifies that the proposed building design represented in this set of construction	
METHOD OF LIGHTING COMPLETE BLDG. X AREA CATEGORY TAILORED PERFORMANCE  COMPLIANCE COMMON LIGHTING  COMPLIANCE  This Certificate of Compliance lists the building features and performance specifications needed to comply with Title 24, Parts 1 and 6 of the California Code of Regulations. This certificate applies only to building lighting requirements.  The documentation preparer hereby certifies that the documentation is accurate and complete.  COCUMENTATION AUTHOR  Valeria Torres  COCUMENTATION AUTHOR  Valeria Torres  DATE  02/23/07	
COMPLIANCE COMMON LIGHTING  STATEMENT OF COMPLIANCE  This Certificate of Compliance lists the building features and performance specifications needed to comply with Title 24, Parts 1 and 6 of the California Code of Regulations. This certificate applies only to building lighting requirements.  The documentation preparer hereby certifies that the documentation is accurate and complete.  DOCUMENTATION AUTHOR Valeria Torres  DATE 02/23/07  The Principal Lighting Designer hereby certifies that the proposed building design represented in this set of construction	
COMPLIANCE COMPLIANCE  This Certificate of Compliance lists the building features and performance specifications needed to comply with Title 24, Parts 1 and 6 of the California Code of Regulations. This certificate applies only to building lighting requirements.  The documentation preparer hereby certifies that the documentation is accurate and complete.  DOCUMENTATION AUTHOR Valeria Torres  DATE 02/23/07  The Principal Lighting Designer hereby certifies that the proposed building design represented in this set of construction	
STATEMENT OF COMPLIANCE This Certificate of Compliance lists the building features and performance specifications needed to comply with Title 24, Parts 1 and 6 of the California Code of Regulations. This certificate applies only to building lighting requirements.  The documentation preparer hereby certifies that the documentation is accurate and complete.  SIGNATURE Valeria Torres  DATE 02/23/07  The Principal Lighting Designer hereby certifies that the proposed building design represented in this set of construction	
This Certificate of Compliance lists the building features and performance specifications needed to comply with Title 24, Parts 1 and 6 of the California Code of Regulations. This certificate applies only to building lighting requirements.  The documentation preparer hereby certifies that the documentation is accurate and complete.  SIGNATURE  Valeria Torres  DATE  02/23/07  The Principal Lighting Designer hereby certifies that the proposed building design represented in this set of construction	
The documentation preparer hereby certifies that the documentation is accurate and complete.  SIGNATURE Valeria Torres  DATE 02/23/07  The Principal Lighting Designer hereby certifies that the proposed building design represented in this set of construction	
OCUMENTATION AUTHOR Valeria Torres  SIGNATURE 02/23/07  The Principal Lighting Designer hereby certifies that the proposed building design represented in this set of construction	100
OCCUMENTATION AUTHOR Valeria Torres  SIGNATURE 02/23/07  The Principal Lighting Designer hereby certifies that the proposed building design represented in this set of construction	SOURCE STATE OF THE STATE OF TH
Valeria Torres 02/23/07  The Principal Lighting Designer hereby certifies that the proposed building design represented in this set of construction	
locuments is consistent with the other compliance forms and worksheets, with the specifications, and with any other calculations submitted with this permit application. The proposed building has been designed to meet the lighting	
equirements contained in the applicable parts of Sections 110, 119, 130 through 132, 146, 148, and 149 of Title 24, Part 6.	
The plans & specifications meet the requirements of Part 6 (Sections 10-103a).	
The installation certificates meet the requiremetns of Part 6 (10-103a 3).	
The operation & maintenance information meet the requirements of Part 6 (10-103c).	
Please check one: (These sections of the Business and Professions Code are printed in full in the Nonresidential Manual.)	ŀ
I hereby affirm that I am eligible under the provisions of Division 3 of the Business and Professions Code to sign this	
document as the person responsible for its prepration; and that I am licensed in the State of California as a civil	
engineer or electrical engineer, or I am a licensed architect.	
I affirm that I am eligible under the provisions of Division 3 of the Business and Professions Code by Section 5537.2 or 6737.3 to sign this document as the person responsible for its prepration; and that I am a licensed contractor	
performing this work.	
I affirm that I am eligible under Division 3 of the Business and Professions Code to sign this document because it pertains to a structure or type of work described as exempt pursuant to Business and Professions Code Sections	
5537, 5538, and 6737.1	
PRINCIPAL LIGHTING DESIGNER-NAME SIGNATURE.	
Dio Liu 02/23/07 E10457	
LIGHTING MANDATORY MEASURES	
ndicate location on plans of Note Block for Mandatory Measures E0.03	
IGHTING COMPLIANCE FORMS & WORKSHEETS (check box if worksheet is included)	
LTG-1-C, Parts 1 of 4 & 2 of 4 Certificate of Compliance. Part 1 of 4 and 2 of 4 are reqired on all submittals	
LTG-1-C, Part 3 of 4 Certificate of Compliance. Part 3 of 4 submittal is required only if Control Credits are claimed	
LTG-1-C, Part 4 of 4 Certificate of Compliance. Part 4 of 4 submittal is required when lighting controls are installed.	
X LTG-2-C Interior Lighting Schedule	
X LTG-3-C Portable Lighting Worksheet	
LTG-4-C Lighting Controls Credit Worksheet	
X LTG-5-C Interior Lighting Power Allowance	
Lallored Method Worksheet	
LTG-6-C Tailored Method Worksheet  Room Cavity Ratio Worksheet	
LTG-7-C Room Cavity Ratio Worksheet	
LTG-7-C Room Cavity Ratio Worksheet  LTG-8-C Common Lighting Systems Method Worksheet	
LTG-7-C Room Cavity Ratio Worksheet  LTG-8-C Common Lighting Systems Method Worksheet  LTG-9-C Line Voltage Track Lighting Worksheet	
LTG-7-C Room Cavity Ratio Worksheet  LTG-8-C Common Lighting Systems Method Worksheet	Apr-05

CERTIFICATE OF COROLLECT NAME	OMPLIANCE		(Part 2 of 4)		LTG-1-
Skyline Community College Buildin	ng 7 Modernization				10/30/200
NSTALLED INTERIOR LIGHTING PO	OWER FOR CONDITIONED A	AND UNCONDITIONED SPAC	ES		
ä		e e	a.		INSTALLED WATTS
		INSTALLED	LIGHTING, CONDITIONED SF	ACES (From LTG-2-C)	35020
	u .	90 X.,	PORTABLE LIGI	HTING (From LTG-3-C)	. 0
	2	LIGHTING CONTR	OL CREDIT, CONDITIONED SF	ACES (From LTG-4-C)	0
		CONDITIONE	D SPACE ADJUSTED INSTALL	ED LIGHTING POWER	35020
¥		INSTALLED LI	GHTING, UNCONDITIONED SF	ACES (From LTG-2-C)	0
		LIGHTING CONTROL	CREDIT, UNCONDITIONED SE	ACES (From LTG-4-C)	0
		UNCONDITIONE	D SPACE ADJUSTED INSTALL	ED LIGHTING POWER	0
ALLOWED INTERIOR LIGHTING	POWER FOR CONDITIO	NED SPACES		w H a	
COMPLETE BUILDING METH	IOD (from LTG-5-C)				*
AREA CATEGORY METHOD					8
	2				
TAILORED METHOD (from LT	ГG-5-C)				ALL OVACED
					ALLOWED WATTS
			ALLOW	ED LIGHTING POWER	35235
				3	
ALTERNATE COMPLIANCE					
_	a.			*	
PERFORMANCE METHOD			e si		
COMMON LIGHTING SYSTE	M (from LTG-8-C)				
ALLOWED INTERIOR LIGHTING		TIONED SPACES (From LT	'G-5-C)	0	Watts
TEOMED INVENTOR EIGHTING	TOTAL CIT CIT CONTENTS				Trans
MANDATORY LIGHTING MEASU	IRES FOR INTERIOR LIG	HTING AND DAYLIT AREA	S		
MANDATORY INTERIOR AND DA					
		CONTROL TYPE			
CONTROL LOCATION		(Auto Time Switch,	SPACE CONTROLLED	(X) If Control is	
(Room #, Area #, or	CONTROL	Dimmimg,	Lists the location of	for	NOTE TO
Description )	IDENTIFICATION	Photosensor, etc.)	controlled lights	Daylighting	FIELD
Public spaces	Ltg Control Pni	Low Voltage Ltg Ctrl	Public spaces		
**************************************					

CERTIFICATE OF COMPLIANCE	(Part 4 of 4)	LTG-1-
ROJECT NAME	-	DATE
Skyline Community College Building 7 Modernization		10/30/2006
Designer:		
This form is to be used by the designer and attached to the plans. Listed below are all the acceptance tests by all acceptances tests that apply and list all equipment that require an acceptance test. If all equipment of the number of systems to be tested in parentheses. The NJ number designates the Section in the Appendibution of the person responsible for performing the tests (i.e. the installing contractor, designing professional the plans, completion of this section will allow the responsible party to budget for the scope of work appropriate.	f a certain type requries a test, list the eq x of the Nonresidential ACM Manual that I or an agent selected by the owner). Sin	uipment description ar describes the test. Al
Building Departments:	¥	
Systems Acceptances. Before an occupancy permit is granted for a newly constructed building or so or space is operated for normal use, all control devices serving the building or space shall be certificompliance. In addition a Certificate of Acceptance, MECH-1-A, Forms shall be submitted to the building or space shall be submitted to the building or space.	ed as meeting the Acceptance Require	stem serving a build ements for Code
A. Certifies plans, specifications, installation certificates, and operating and maintenance information meg 10-103(b) and Title 24 Part 6.	eet the requirements of	
Test Description	Test Performed	Ву:
LTG-2-A: Lighting Control Acceptance Document  Occupancy Sensor Acceptance  Manual Daylight Controls Acceptance  Automatic Time Switch Control Acceptance		
Equipment requiring acceptance test: Lighting Control Panel/Occupancy Sensors	<del></del>	
LTG-3-A: Automatic Daylighting Controls Acceptance Document	,	
Equipment requiring acceptance test:		
equipment requiring acceptance test.		
	e e e e e e e e e e e e e e e e e e e	
		······································

	unity College Building 7 Modernization					1.		DATE	
INSTALLED LIG								10/30/200	)6
	SHTING POWER FOR CONDITIONED SPACES								4
	Luminaire		Lamps/B	allasts			Installed	Watts	
Α	В	С	D	E	F	G	Н	ı	AND DESCRIPTION OF THE PERSON.
		Lamp Type	Number of Lamps per	Watts per Lamp	Number of Ballasts per Luminaire	Watts per Luminaire	(X) If CEC Default	Number of Luminaires	The state of the s
Name	Type Description		_					-	STATE STREET, SALL
A	See Fixture Schedule	Fluorescent	. 3	32	1	93	X	133	ł
A1	See Fixture Schedule	Fluorescent	2	32	1	62	Х	222	ļ
A2	See Fixture Schedule	Fluorescent	2	32	1	62	Х	33	
A3	See Fixture Schedule	Fluorescent	2	32	1	62	Х	6	ł
A4	See Fixture Schedule	Fluorescent	2	32	1	62	Х	1	-
В	See Fixture Schedule	Fluorescent	2	32	1	62	X	13	ł
B1	See Fixture Schedule	Fluorescent	2	32	1	62	Х	9	-
С	See Fixture Schedule	Compact Fluor	1	32	1	35	Х	5	
C1	See Fixture Schedule	Fluorescent	1	32	1	35	X	8	
D	See Fixture Schedule	Fluorescent	2	32	1	62	X	22	
D1	See Fixture Schedule	Fluorescent	2	32	1	62	X	3	
F1	See Fixture Schedule	Fluorescent	2	32	1	62	X	15	
G	See Fixture Schedule	Fluorescent	4	32	2	124	X	17	CONTRACTOR STATEMENT
									CONTRACTOR DESCRIPTION OF THE PERSON NAMED IN
									and department of the last
2									CHICAGO CONTRACTOR
		3.							İ
ēs .									
		24			*				Ī

	R LIGHTING SCHEDULE		(P	art 1 of	f 2)	· Par		The second secon	G-2-C
OJECT NAME Lyline Commu	unity College Building 7 Modernization						n 1984	DATE 10/30/200	6
STALLED LIGH	ITING POWER FOR CONDITIONED SPACES								
	Luminaire		Lamps/E	Ballasts		Installed Watts			
Α	В	С	D	E	F	G	Н	ı	J
Name	Type Description	Lamp Type	Number of Lamps per Luminaire	Watts per Lamp	Number of Ballasts per Luminaire	Watts per Luminaire	(X) If CEC Default	Number of Luminaires	Installed Watts (G x I)
A	See Fixture Schedule	Fluorescent	. 3	32	1	93	х	133	12369
A1	See Fixture Schedule	Fluorescent	2	32	1	62	X	222	13764
A2	See Fixture Schedule	Fluorescent	2	32	1	62	X	33	2046
A3	See Fixture Schedule	Fluorescent	2	32	1	62	Х	6	372
A4	See Fixture Schedule	Fluorescent	2	32	1	62	X	1	62
В	See Fixture Schedule	Fluorescent	2	32	1	62	х	13	808
B1	See Fixture Schedule	Fluorescent	2	32	1	62	х	9	558
С	See Fixture Schedule	Compact Fluor	1	32	1	35	Х	5	175
C1	See Fixture Schedule	Fluorescent	1	32	1	35	Х	8	280
D	See Fixture Schedule	Fluorescent	2	32	1	62	Х	22	1364
D1	See Fixture Schedule	Fluorescent	2	32	1	62	Х	3	186
F1	See Fixture Schedule	Fluorescent	2	32	1	62	Х	15	930
G	See Fixture Schedule	Fluorescent	4	32	2	124	х	17	2108
					4				
			1	,					
7									
			1						
		24			·				

			*)
		1.5	
			100
	(	E - monatabil	35.00
S4	3	TO MESON TO SERVICE I	2 P
		22	with the
	Ta.		- 117.50
	and the same of th	The second second	
	1.00	13. ACC. 12. ACC.	
	47979	THE STATE OF THE PARTY OF THE P	1
	N. Sec.		-
	A CONTRACTOR OF THE CONTRACTOR	Service Control	
		A THE REAL PROPERTY.	
			2.0
		Sal evilopida	7 72.8
	Territoria de la compansión de la compan	8	10.564
	484	ALL AREA	
		数别温	100
	1.00	Jestin Rep	
	49.50	The state of the s	
		AL AL	
		-	
			A CONTRACT OF THE PARTY OF THE
		A Charles	
	a second possess	And the second second second second	
	2		
		7/2	

April 2005

SKYLINE COLLEGE

STEINBERG ARCHITECTS 60 Pierce Avenue San Jose CA 95110

ABLE 1 - PORTABLE LIGHTING NOT FOR OFFICE AREA > 250 SQUARE FE			
A	В	с	D
ROOM # OR ZONE ID	DEFAULT	AREA (SF)	TOTAL WATTS (BxC)
	0.2	0	0
, v	,		
	TOTAL	0	. 0

Α	В	С	D	E .	F	G	
DOOM # OD 70NE ID	PORTABLE LIGHTING DESCRIPTION(S) PER TASK AREA	LUMINAIRE(S) WATTS PER TASK AREA	TASK AREA (SF)	NUMBER OF TASK AREAS	TOTAL AREA (SF) (D X E)	TOTAL WATTS E)	(CX
ROOM # OR ZONE ID							
*							$\neg$
<u>, , , , , , , , , , , , , , , , , , , </u>							$\neg$
NAME OF THE OWNER OWNER OF THE OWNER OWNE							$\neg$
							$\neg$
							$\neg$
			AND DESCRIPTION OF THE PERSON	TOTAL	0	0	$\neg$

3 - PLANS SHOW PORTABLE DR OFFICE AREAS > 250 SQUARE I		
ROOM # OR ZONE ID	TOTAL AREA (SF)	Designer needs to provide detailed documentation that the lighting level provided by the overhead lighting meets the needs of the space.  The details include luminaire types and mounting locations relative to
·		work areas.

TOTAL AREA (SF)

TOTAL WATTS

Enter in LTG-2-C: Portable Lighting

BUILDING SUMMARY

2005 Nonresidential Compliance Forms

**BUILDING SUMMARY** 

BUILDING TOTAL (SUM OF TABLES 1,2,3)

NTERIOR LIGHTING POWER ALLOWANCE			LTG-5-C
ROJECT NAME Skyline Community College Building 7 Modernization		DATE 10/30/2006	
ALLOWED LIGHTING POWER (Choose One Method)		10/30/2000	
ALLOWED LIGHTING FOWER (Citions One Method)			
COMPLETE BUILDING METHOD			
	WATTS	COMPLETE	ALLOWED
BUILDING CATEGORY (From § 146 Table 146-B)	PER SF	BLDG AREA	WATTS
AREA CATEGORY METHOD			
		•	
A	В	C	ALLOWED
AREA CATEGORY (From § 146 Table 146-C)	WATTS	AREA (SF)	ALLOWED
Office/Classrooms/Labs/Computer Labs/Lecture Hall	PER SF	24651	29581
Electrical Rm/Mechanical Room/IDF Rooms	0.7	734	513.8
Corridors/Restrooms/Storage/Support Areas	0.6	8566	5139.6
		a l	
*			
e e	1		
		33951	35235
	TOTALS	AREA	WATTS
			2
TAILORED METHOD - CONDITIONED SPACES			
THEOREM IN THE STATE OF THE STA		9	
	Т	OTAL ALLOWED WATTS	0
		(From LTG-6-C)	
UNCONDITIONED SPACES			
			2*
A	¬ [ В	С	D
Complete Building and Area Category Methods	WATTS	AREA (SE)	ALLOWED
CATEGORY (From § 146 Table 146-B &C)	PER SF	(SF)	WATTS
			·
	TOTALS	AREA	WATTS
, ¥			
TAILORED METHOD - UNCONDITIONED SPACES			
	TOTAL UNCONDITIONED SP	ACES ALLOWED WATER	
		om LTG-5-C and LTG-6-C)	

## BUILDING LIGHTING ACCEPTANCE TESTING AND DOCUMENTATION

- 1. THIS SECTION DESCRIBES THE ACCEPTANCE TESTING AND DOCUMENTATION OF THE LIGHTING SYSTEM(S) AND OUTLINES THE DUTIES AND RESPONSIBILITIES OF THE CONTRACTING TEAM FOR ACCEPTANCE TESTING.
- 2. THE ACCEPTANCE REQUIREMENTS SHALL BE APPLIED TO ALL PRODUCTS, EQUIPMENT AND SYSTEMS PROVIDED UNDER THIS DIVISION, WHERE INDICATED ON PLANS, AND WHERE REQUIRED BY CALIFORNIA TITLE 24
- 3. THE ELECTRICAL CONTRACTOR SHALL ENGAGE THE SERVICES OF A FIRM SPECIALIZING IN COMMISSIONING OF LIGHTING SYSTEMS OR SHALL SUBMIT CONTRACTOR QUALIFICATIONS FOR REVIEW BY ARCHITECT WHERE TESTING AND DOCUMENTATION IS TO BE PERFORMED BY CONTRACTOR.
- 4. THE COMMISSIONING TEAM SHALL BE FORMED AND CONSISTS OF:
- A. ELECTRICAL CONTRACTOR'S REPRESENTATIVE B. LIGHTING CONTROLS MANUFACTURER'S REPRESENTATIVE
- C. INSPECTOR OF RECORD D. OWNER'S STAFF REPRESENTATIVE
- 5. THE ELECTRICAL CONTRACTOR SHALL PLAN, ORGANIZE AND IMPLEMENT THE ACCEPTANCE TESTING PROCESS AND SHALL WITHIN ONE MONTH OF THE AWARD OF THE CONTRACT, SUBMIT THE NAMES AND ADDRESSES OF THE TESTING TEAM MEMBER(S).
- 6. THE ACCEPTANCE TESTING TEAM SHALL SUBMIT A COMPLETE DESCRIPTION OF THE TESTING PROCEDURES AND SYSTEMS TO BE TESTED TO THE ARCHITECT FOR REVIEW.
- 7. THE ACCEPTANCE TESTING TEAM SHALL CO-ORDINATE ALL TESTS OF SYSTEMS AND EQUIPMENT AND ASSEMBLE ALL DOCUMENTATION RELATED TO TESTS. ALL DOCUMENTATION RELATIVE TO TESTS AND PROPOSED PROCEDURES SHALL BE SUBMITTED TO DESIGN ENGINEER FOR REVIEW PRIOR TO SUBMITTING DOCUMENTATION TO AUTHORITY HAVING JURISDICTION. TEAM SHALL BE RESPONSIBLE FOR PERFORMING DATA ANALYSIS, CALCULATION OF PERFORMANCE INDICES AND CROSSCHECKING OF RESULTS WITH THE REQUIREMENTS OF TITLE 24 AND THE CONTRACT DOCUMENTS. THE INSTALLING CONTRACTOR OR AGENT RESPONSIBLE FOR TESTING AND DOCUMENTATION SHALL RECORD THEIR STATE OF CALIFORNIA CONTRACTOR'S LICENSE NUMBER OR THEIR STATE OF CALIFORNIA PROFESSIONAL REGISTRATION LICENSE NUMBER ON EACH CERTIFICATE OF ACCEPTANCE FOR
- 8. CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR SUBMITTING CERTIFICATE OF ACCEPTANCE INCLUDING PAPER AND ELECTRONIC COPIES OF ALL MEASUREMENTS AND MONITORING RESULTS AND ALL SUPPORTING DOCUMENTATION TO THE AUTHORITY HAVING JURISDICTION. WHERE AUTHORITY HAVING JURISDICTION QUESTIONS RESULTS OR REQUIRES ADDITIONAL TESTING, CONTRACTOR SHALL COMPLETE ADDITIONAL TESTING AND PROVIDE REQUIRED DOCUMENTATION AT NO ADDITIONAL COST TO THE OWNER.
- 9. THE TIME PERIOD OF THE COMMISSIONING OF THE SYSTEMS SHALL BE DETERMINED BY THE GENERAL CONTRACTOR AND ACCEPTANCE TESTING TEAM. IT IS IMPORTANT TO NOTE THAT AUTHORITY HAVING JURISDICTION WILL NOT RELEASE A FINAL CERTIFICATE OF OCCUPANCY UNTIL A CERTIFICATE OF ACCEPTANCE IS SUBMITTED THAT DEMONSTRATES THAT THE SPECIFIED SYSTEMS AND EQUIPMENT HAVE BEEN SHOWN TO BE PERFORMING IN ACCORDANCE WITH THE TITLE 24 STANDARDS.
- 10. TEAM SHALL ASSEMBLE DOCUMENTATION SHOWING ALL LIGHTING FIXTURE LOCATIONS, LIGHTING CONTROL DEVICE LOCATIONS, CONTROL SEQUENCES AND NOTES.
- 11. PER TITLE 24 REQUIREMENTS, TEAM SHALL PROVIDE RECORD DRAWINGS TO BUILDING OWNER WITHIN 90 DAYS OF RECEIVING A FINAL OCCUPANCY PERMIT (REFER TO OTHER SPECIFICATION SECTIONS FOR REQUIREMENTS ON RECORD DRAWINGS.)
- 12. PER TITLE 24 REQUIREMENTS, TEAM SHALL PROVIDE OPERATING AND MAINTENANCE MANUALS TO THE BUILDING OWNER (REFER TO OTHER SPECIFICATION SECTIONS FOR REQUIREMENTS ON OPERATION AND MAINTENANCE MANUALS.)
- 13. TEAM SHALL REVIEW THE INSTALLATION, PERFORM ACCEPTANCE TESTING AND DOCUMENT RESULTS FOR THE
- A. OCCUPANCY SENSORS
- B. MANUAL DAYLIGHT CONTROLS
- C. AUTOMATIC DAYLIGHT CONTROLS D. AUTOMATIC TIME SWITCH CONTROLS
- 14. REVIEW OF INSTALLATION SHALL CONFIRM LIGHTING FIXTURES AND LIGHTING CONTROLS ARE PROPERLY LOCATED, IDENTIFIED, CALIBRATED, AND SET POINTS AND SCHEDULES PROGRAMMED PER CONTRACT DOCUMENT
- 15. TEAM SHALL DOCUMENT OPERATING AND MAINTENANCE INFORMATION, COMPLETE INSTALLATION CERTIFICATE, AND INDICATE TEST RESULTS ON THE CERTIFICATE OF ACCEPTANCE, AND SUBMIT THE CERTIFICATE TO THE AUTHORITY HAVING JURISDICTION PRIOR TO RECEIVING FINAL OCCUPANCY PERMIT. TEAM SHALL SUBMIT FORMS
- LTG-1-A THROUGH LTG-3-A AS REQUIRED BY TITLE 24 REQUIREMENTS. 16. REFER TO CALIFORNIA TITLE 24, NON-RESIDENTIAL MANUAL FOR SPECIFIC TESTING PROCEDURES AND DOCUMENTATION REQUIREMENTS. THE DETAILED REQUIREMENTS CAN BE FOUND AT <http://www.energy.ca.gov/title 24/2005standards/index.html>. The contractor is responsible for REVIEWING AND COMPLYING WITH THESE STANDARDS

## LIGHTING MANDATORY MEASURES

X Shut-off Controls 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 device capable of automatically shutting off the lighting.

X Automatic Control Devices Certified

All automatic control devices specified are

2005 Nonresidential Compliance Forms

certified, all atternate equipment shall be certified and installed as directed by the

All fluorescent fixture specified for the project are certified and listed in the Directory. All installed fixtures shall be

Display lighting shall be separately switched on circuits that are 20 amps or less. Luminaire Cutoff Requirements All outdoor luminaires with lamps greater than 175 watts shall be designated Cutoff for light distribution, where the candela per 1000

90 degrees above nadir.

lamp lumens does not exceed 25 at or above

Each room and area in this building is equipped with a separate switch or occupancy sensor device for each area with floor-to-ceiling walls.

X Multi-Level Lighting Controls All rooms and areas greater than 100 square feet and more than 0.8 watts per square foot of lighting load shall have multi-level lighting switching for uniform reduction of lighting within the room by dimming all lamps or switching alternate lamps or luminaires.

All rooms with windows and skylights, that are greater than 250 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; and provide separate switching between vertically daylit

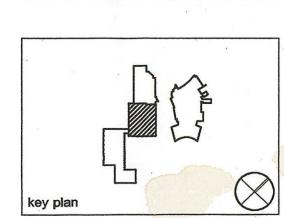
and horizontally daylit areas. Control of Outdoor Lighting All outdoor lighting shall be controlled by a photocontrol or astronomical time switch that automatically turns off the lights when daylight is available and allow for reduction of lighting load by at least 50%.

Outdoor Lighting Over 100 Watts
Exterior lighting attached to or powered by the electrical service in the building have a minimum efficacy of 60 lumens/watt.



	APPL. # 01-108385	5
A ,	2/2	
ic B	FLS VIY	: 2 K
ATE _	3-12-2007	

	-	
	02.27.07	DSA BACK CHECK
	11.02.06	DSA SUBMITTAL
	10.13.06	75% CD
	09.12.06	40% PROGRESS
ev.	date	issue



**STEINBERG** ARCHITECTS

project no: 06015 date: 02.27.07 drawn by: MAMP checked by: NONE

TITLE 24 COMPLIANCE FORMS