

CERTIFICATE OF COMPLIANCE (Part 1 of 4) LTG-1-C

PROJECT NAME: CANADA COLLEGE MODERNIZATION - BUILDING 16, 17, 18 RENOVATION
 PROJECT ADDRESS: 4200 FARM HILL BOULEVARD, REDWOOD CITY, CA 94061-1099
 PRINCIPAL DESIGNER: YEI ENGINEERS, INC. 510-383-1050
 DOCUMENTATION AUTHOR: DENNIS DIAS 510-383-1050

GENERAL INFORMATION
 BUILDING TYPE: NONRESIDENTIAL HIGH RISE RESIDENTIAL HOTEL/MOTEL/GUEST
 BUILDING CONDITIONED FLOOR AREA: 4,995 SQ FT CLIMATE ZONE: 3
 PHASE OF CONSTRUCTION: NEW ADDITION ALTERATION

METHOD OF COMPLIANCE
 PERFORMANCE COMPLETE BUILDING AREA CATEGORY TAILORED 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.

PRINCIPAL LIGHTING DESIGNER: DENNIS DIAS

LIGHTING MANDATORY MEASURES
 Indicate location on plans of Note Block for Mandatory Measure DRAWING E0.21

LIGHTING COMPLIANCE FORMS & WORKSHEETS (check box if worksheet is included)
 LTG-1-C, Parts 1 of 4 and 2 of 4 Certificate of Compliance, Part 1 of 4 and 2 of 4 are required for 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
 LTG-2-C Indoor Lighting Schedule
 LTG-3-C Portable Lighting Worksheet
 LTG-4-C Lighting Controls Credit Worksheet
 LTG-5-C Indoor Lighting Power Allowance
 LTG-6-C Tailored 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
 OLTG-4-C Signs (See OLTG-4-C Sign Worksheet in Chapter 6, Outdoor Lighting and Signs Chapter)

CERTIFICATE OF COMPLIANCE (Part 2 of 4) LTG-1-C

PROJECT NAME: CANADA COLLEGE MODERNIZATION - BUILDING 16, 17, 18 RENOVATION
 PROJECT ADDRESS: 4200 FARM HILL BOULEVARD, REDWOOD CITY, CA 94061-1099

ALLOWED INDOOR LIGHTING POWER FOR CONDITIONED SPACES
 COMPLETE BUILDING METHOD (from LTG-5-C)
 AREA CATEGORY METHOD (from LTG-5-C)
 TAILORED METHOD (from LTG-5-C)

ALLOWED INDOOR LIGHTING POWER FOR UNCONDITIONED SPACES: 6677.1 Watts

MANDATORY LIGHTING MEASURES FOR INDOOR LIGHTING AND DAYLIT AREAS
 MANDATORY INDOOR AND DAYLIGHTING AUTOMATIC CONTROLS

CONTROL LOCATION (Room #, Area #, or Description)	CONTROL IDENTIFICATION	CONTROL TYPE (Auto Time Switch, Dimming, Photosensor, etc.)	SPACE CONTROLLED (List the location of controlled lights)	Control is for Daylighting	NOTE TO FIELD
INDIVIDUAL ROOMS	OS	OCCUPANCY SENSOR	ALL INDIVIDUAL ROOMS		

CERTIFICATE OF COMPLIANCE (Part 4 of 4) LTG-1-C

PROJECT NAME: CANADA COLLEGE MODERNIZATION - BUILDING 16, 17, 18 RENOVATION

Designer:
 This form is to be used by the designer and attached to the plans. Listed below are all the acceptance tests for lighting systems. The designer is required to check the boxes by all acceptance tests that apply and list all equipment that require an acceptance test. If all equipment of a certain type requires a test, list the equipment description and the number of systems to be tested in parentheses. The NJ number designates the Section in the Appendix of the Nonresidential ACM Manual that describes the test. Also indicate the person responsible for performing the tests (i.e. the installing contractor, design professional or an agent selected by the owner). Since this form will be part of the plans, completion of this section will allow the responsible party to budget for the scope of work appropriately.

Building Departments:
 Systems Acceptance. Before an occupancy permit is granted for a newly constructed building or space, or a new space-conditioning system serving a building or space is operated for normal use, all control devices serving the building or space shall be certified as meeting the Acceptance Requirements for Code Compliance. In addition a Certificate of Acceptance, MECH-1-A, Forms shall be submitted to the building department that:

A. Certifies plans, specifications, installation certificates, and operating and maintenance information meet the requirements of §15-103(b) and Title 24 Part 6.

Test Description: LTG-2-A: Lighting Control Acceptance Document
 • Occupancy Sensor Acceptance
 • Manual Daylight Controls Acceptance
 • Automatic Time Switch Control Acceptance
 Equipment requiring acceptance testing: **NJ.6.2 OCCUPANCY SENSOR ACCEPTANCE - ALL INDIVIDUAL ROOMS**

Test Performed By: INSTALLING CONTRACTOR

Test Description: LTG-3-A: Automatic Daylighting Controls Acceptance Document
 Equipment requiring acceptance testing: _____

MANDATORY MEASURES

- N/A BUILDING LIGHTING SHUT-OFF
 THE BUILDING LIGHTING SHUT-OFF SYSTEM CONSISTS OF AN AUTOMATIC TIME SWITCH, WITH A ZONE FOR EACH FLOOR; OR THE BUILDING IS SEPARATELY METERED AND EXEMPT FROM THE SHUT-OFF REQUIREMENT.
- N/A OVERRIDE FOR BUILDING LIGHTING SHUT-OFF
 THE AUTOMATIC BUILDING SHUT-OFF SYSTEM IS PROVIDED WITH A MANUAL, ACCESSIBLE OVERRIDE SWITCH IN SIGHT OF THE LIGHTS. THE AREA OF OVERRIDE NOT TO EXCEED 5,000 SF.
- AUTOMATIC CONTROL DEVICES CERTIFIED
 ALL AUTOMATIC CONTROL DEVICES SPECIFIED ARE CERTIFIED; ALL ALTERNATE EQUIPMENT SHALL BE CERTIFIED AND INSTALLED AS DIRECTED BY THE MANUFACTURER.
- CERTIFIED BALLAST AND LUMINARIES
 ALL FLUORESCENT FIXTURES SUBJECT TO CERTIFICATION AND SPECIFIED FOR THE PROJECT ARE CERTIFIED.
- INDIVIDUAL ROOM/AREA CONTROLS
 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.
- UNIFORM REDUCTION FOR INDIVIDUAL ROOMS
 ALL ROOMS AND AREAS GREATER THAN 100 SQUARE FEET AND MORE THAN 0.8 WATTS PER SQUARE FOOT OF LIGHTING LOAD SHALL BE CONTROLLED WITH MULTI-LEVEL SWITCHING FOR UNIFORM REDUCTION OF LIGHTING WITHIN THE ROOM.
- N/A DAYLIT AREA CONTROL
 ALL ROOMS THAT ARE GREATER THAN 250 SQUARE FEET AND CONTAIN WINDOWS AND SKYLIGHTS, 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.



CAÑADA COLLEGE
 BUILDING 16, 17, 18 RENOVATION
 SMCCCD
 3401 CSM Drive
 San Mateo, CA 94402
 Cañada College
 4200 Farm Hills Blvd.
 Redwood City, CA 94061

SHEET TITLE
ELECTRICAL
 TITLE 24 - SHEET 1 OF 2
 BUILDING 17

REVISIONS		
NO.	DATE	DESCRIPTION

DATE
 DRAWN K. SCHWARTZ
 CHECKED D. DIAS
 SCALE NONE
 N&T JOB NO.:
 SHEET NUMBER

E0.21

PROJECT RECORD DOCUMENT
 BID: 86519 DATED 2-7-07
 PREPARED BY:

 ELECTRIC CO. INC.
 SERVES THE PENINSULA
 ELECTRICAL CONTRACTOR • LICENSE #3399195
 1052 Commercial Street, San Carlos, Ca. 94070
 Bus: (650) 595-1091 • Fax: (650) 595-5489

