

CERTIFICATE OF COMPLIANCE (Part 1 of 3) ENV-1C
AND FIELD INSPECTION ENERGY CHECKLIST

Project Name: *New Office Building* Date: *12/1/2011*
 Project Address: *32246 Clinton Keith Road Wildomar* Climate Zone: *10* Total Cond. Floor Area: *6,287* Addition Floor Area: *n/a*

GENERAL INFORMATION
 Building Type: Nonresidential High-Rise Residential Hotel/Motel Guest Room
 Schools (Public School) Relocatable Public School Bldg. Conditioned Spaces Unconditioned Spaces
 Skylight Area for Large Enclosed Space ≥ 8000 ft² (If checked include the ENV-4C with submittal)
 Phase of Construction: New Construction Addition Alteration
 Approach of Compliance: Component Overall Envelope Unconditioned (file affidavit)
 Front Orientation: N, E, S, W or in Degrees: *180 deg*

FIELD INSPECTION ENERGY CHECKLIST

TagID	Assembly Type	INSULATION										Joint Appendix 4	Condition Status	Pass	Fail
		Area (ft ²)	Orientation N, E, S, W	U-Factor	Cavity R-Value	Exterior R-Value	Exterior Finning	Interior R-Value	Interior Finning	SHCC Source	Overlaping				
25	Slab	108	(N)	0.730	None							4.4.7-A1	New	<input type="checkbox"/>	<input type="checkbox"/>
26	Roof	108	(N)	0.035	R-30							4.2.2-A17	New	<input type="checkbox"/>	<input type="checkbox"/>
27	Slab	69	(N)	0.730	None							4.4.7-A1	New	<input type="checkbox"/>	<input type="checkbox"/>
28	Roof	69	(N)	0.035	R-30							4.2.2-A17	New	<input type="checkbox"/>	<input type="checkbox"/>
29	Slab	121	(N)	0.730	None							4.4.7-A1	New	<input type="checkbox"/>	<input type="checkbox"/>
30	Roof	121	(N)	0.035	R-30							4.2.2-A17	New	<input type="checkbox"/>	<input type="checkbox"/>
31	Slab	129	(N)	0.730	None							4.4.7-A1	New	<input type="checkbox"/>	<input type="checkbox"/>
32	Wall	145	(N)	0.074	R-19							4.3.1-A5	New	<input type="checkbox"/>	<input type="checkbox"/>

1. See Instructions in the Nonresidential Compliance Manual, page 3-96.
 2. If Fail then describe on Page 2 of the Inspection Checklist Form and take appropriate action to correct. A fail does not meet compliance.

FENESTRATION SURFACE DETAILS

TagID	Fenestration Type	Area (ft ²)	Orientation N, E, S, W	Max U-Factor	U-Factor Source	Max (R)SHGC	SHCC Source	Overlaping	Condition Status	Pass	Fail
<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"/>

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EnergyPro 5.1 by EnergySoft User Number: 4964 RunCode: 2011-12-01T11:05:22 ID: Page 7 of 31

CERTIFICATE OF COMPLIANCE (Part 1 of 3) ENV-1C
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9	Wall	63	(W)	0.074	R-19							4.3.1-A5	New	<input type="checkbox"/>	<input type="checkbox"/>
10	Roof	115	(N)	0.035	R-30							4.2.2-A17	New	<input type="checkbox"/>	<input type="checkbox"/>
11	Slab	117	(N)	0.730	None							4.4.7-A1	New	<input type="checkbox"/>	<input type="checkbox"/>
12	Wall	110	(W)	0.074	R-19							4.3.1-A5	New	<input type="checkbox"/>	<input type="checkbox"/>
13	Roof	117	(N)	0.035	R-30							4.2.2-A17	New	<input type="checkbox"/>	<input type="checkbox"/>
14	Slab	117	(N)	0.730	None							4.4.7-A1	New	<input type="checkbox"/>	<input type="checkbox"/>
15	Wall	68	(W)	0.074	R-19							4.3.1-A5	New	<input type="checkbox"/>	<input type="checkbox"/>
16	Roof	117	(N)	0.035	R-30							4.2.2-A17	New	<input type="checkbox"/>	<input type="checkbox"/>

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FENESTRATION SURFACE DETAILS

TagID	Fenestration Type	Area (ft ²)	Orientation N, E, S, W	Max U-Factor	U-Factor Source	Max (R)SHGC	SHCC Source	Overlaping	Condition Status	Pass	Fail
<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"/>

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EnergyPro 5.1 by EnergySoft User Number: 4964 RunCode: 2011-12-01T11:05:22 ID: Page 5 of 31

PERFORMANCE CERTIFICATE OF COMPLIANCE (Part 3 of 3) PERF-1C
AND FIELD INSPECTION ENERGY CHECKLIST

Project Name: *New Office Building* Date: *12/1/2011*
 Project Address: *32246 Clinton Keith Road Wildomar* Climate Zone: *10* Total Cond. Floor Area: *6,287* Addition Floor Area: *n/a*

ZONE INFORMATION

System Name	Zone Name	Occupancy Type	Floor Area (sqft)	Inst. LPD (W/sqft)	Ctrl. Credits (W/sqft)	Allowed LPD (W/sqft)	Tailored (W/sqft)	Proc. Loads (W/sqft)
Suite A RTU-1	Recept	Waiting Area	242	*1.100				
	Office	Office <= 250 sqft	64	*1.100				
	Treatment Areas	Medical and Clinical Care	468	*1.200				
	Support	Corridor/Restroom/Support	54	*0.600				
Suite A RTU-2	Offices	Office <= 250 sqft	272	*1.100				
	Treatment Areas	Medical and Clinical Care	319	*1.200				
	Break Room	All Others	179	*0.600				
	Support Areas	Corridor/Restroom/Support	568	*0.600				
Suite B RTU-3	Waiting Area	Waiting Area	315	*1.100				
	Office	Office <= 250 sqft	442	*1.100				
	Treatment Areas	Medical and Clinical Care	103	*1.200				
	Support Areas	Corridor/Restroom/Support	60	*0.600				
Suite B RTU-4	Treatment Areas	Medical and Clinical Care	783	*1.200				
	Support Areas	Corridor/Restroom/Support	342	*0.600				
	Break Room	All Others	171	*0.600				
Suite C RTU-5 & 6	Office Suite C	Office <= 250 sqft	1,895	*1.100				

Notes: 1. See LTG-1C. 2. See LTG-2C. 3. See LTG-3C. 4. See LTG-4C. Items above require special documentation.

EXCEPTIONAL CONDITIONS COMPLIANCE CHECKLIST
 The local enforcement agency should pay special attention to the items specified in this checklist. These items require special written justification and documentation, and special verification to be used with the performance approach. The local enforcement agency determines the adequacy of the justifications, and may reject a building or design that otherwise complies based on the adequacy of the special justification and documentation submitted.

The HVAC System Carrier 48TCLAC1C-5 includes an Economizer. This system has a cooling output < 75,000 Btu/h or a supply cfm < 2500.
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The exceptional features listed in this performance approach application have specifically been reviewed. Adequate written justification and documentation for their use have been provided by the applicant.

Authorized Signatures or Stamp

EnergyPro 5.1 by EnergySoft User Number: 4964 RunCode: 2011-12-01T11:05:22 ID: Page 3 of 31

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STATEMENT OF COMPLIANCE
 This certificate of compliance lists the building features and specifications needed to comply with Title 24, Parts 1 and 6 of the California Code of Regulations. This certificate applies only to a Building using the performance compliance approach.

The documentation author hereby certifies that the documentation is accurate and complete.

Documentation Author
 Name: *Stephen C. Lily-CEA* Signature: _____ Date: *12/1/2011*
 Company: *Southland Energy Consultants F. V.* Phone: *714-848-3756*
 Address: *8992 La Casita Avenue*
 City/State/Zip: *Fountain Valley, CA 92708*

The Principal Designer hereby certifies that the proposed building design represented in this set of construction documents 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 energy efficiency requirements contained in sections 110, 116 through 118, and 140 through 149 of Title 24, Part 6. Please check one:
 ENV. LTG. MECH.

I hereby affirm that I am eligible under the provisions of Division 3 of the Business and Professions Code to sign this document as a civil engineer, mechanical engineer, 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 preparation; 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 Envelope Designer
 Name: *William Handley* Signature: _____ Date: _____
 Company: *Handley Engineering* License #: _____
 Address: *130 El Camino Real #200* Phone: *714-669-1141*
 City/State/Zip: *Tustin, CA 92780*

Principal Mechanical Designer
 Name: *Gary Daugherty* Signature: _____ Date: _____
 Company: *Southland Energy Consultants* License #: _____
 Address: *1491 Gleaney Street* Phone: *949-497-3591*
 City/State/Zip: *Laguna Beach, CA 92651*

Principal Lighting Designer
 Name: _____ Signature: _____ Date: _____
 Company: *Lighting Compliance Not In The Scope Of This Submittal* License #: _____
 Address: _____ Phone: _____
 City/State/Zip: _____

INSTRUCTIONS TO APPLICANT COMPLIANCE & WORKSHEETS (check box if worksheets are included)
 ENV-1C Certificate of Compliance. Required on plans. MECH-1C Certificate of Compliance. Required on plans.
 LTG-1C Certificate of Compliance. Required on plans. MECH-2C Air/Water Side/Service Hot Water & Pool Requirements.
 LTG-2C Lighting Controls Credit Worksheet. MECH-3C Mechanical Ventilation and Exhaust.
 LTG-3C Indoor Lighting Power Allowance. MECH-5C Mechanical Equipment Details.

EnergyPro 5.1 by EnergySoft User Number: 4964 RunCode: 2011-12-01T11:05:22 ID: Page 1 of 31

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33	Wall	109	(W)	0.074	R-19							4.3.1-A5	New	<input type="checkbox"/>	<input type="checkbox"/>
34	Roof	129	(N)	0.035	R-30							4.2.2-A17	New	<input type="checkbox"/>	<input type="checkbox"/>
35	Slab	179	(N)	0.730	None							4.4.7-A1	New	<input type="checkbox"/>	<input type="checkbox"/>
36	Wall	112	(N)	0.074	R-19							4.3.1-A5	New	<input type="checkbox"/>	<input type="checkbox"/>
37	Door	21	(N)	0.500	Insul							4.5.1-A3	New	<input type="checkbox"/>	<input type="checkbox"/>
38	Roof	179	(N)	0.035	R-30							4.2.2-A17	New	<input type="checkbox"/>	<input type="checkbox"/>
39	Slab	45	(N)	0.730	None							4.4.7-A1	New	<input type="checkbox"/>	<input type="checkbox"/>
40	Roof	45	(N)	0.035	R-30							4.2.2-A17	New	<input type="checkbox"/>	<input type="checkbox"/>

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<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"/>

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17	Slab	119	(N)	0.730	None							4.4.7-A1	New	<input type="checkbox"/>	<input type="checkbox"/>
18	Wall	109	(S)	0.074	R-19							4.3.1-A5	New	<input type="checkbox"/>	<input type="checkbox"/>
19	Roof	119	(N)	0.035	R-30							4.2.2-A17	New	<input type="checkbox"/>	<input type="checkbox"/>
20	Slab	64	(N)	0.730	None							4.4.7-A1	New	<input type="checkbox"/>	<input type="checkbox"/>
21	Wall	96	(W)	0.074	R-19							4.3.1-A5	New	<input type="checkbox"/>	<input type="checkbox"/>
22	Roof	64	(N)	0.035	R-30							4.2.2-A17	New	<input type="checkbox"/>	<input type="checkbox"/>
23	Slab	164	(N)	0.730	None							4.4.7-A1	New	<input type="checkbox"/>	<input type="checkbox"/>
24	Roof	164	(N)	0.035	R-30							4.2.2-A17	New	<input type="checkbox"/>	<input type="checkbox"/>

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<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"/>

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1	Slab	242	(N)	0.730	None							4.4.7-A1	New	<input type="checkbox"/>	<input type="checkbox"/>
2	Wall	105	(S)	0.074	R-19							4.3.1-A5	New	<input type="checkbox"/>	<input type="checkbox"/>
3	Wall	119	(W)	0.074	R-19							4.3.1-A5	New	<input type="checkbox"/>	<input type="checkbox"/>
4	Roof	242	(N)	0.035	R-30							4.2.2-A17</			