

HAWAI'I COUNTY ENERGY CODE

2015 IECC, HAWAI'I REVISED STATUTES [HRS 107-24 TO 28](#) & HAWAI'I ADMINISTRATIVE RULES [HAR 3-181.1](#)

COMMERCIAL BUILDING ENERGY EFFICIENCY STANDARDS

I CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE, THIS PROJECTS DESIGN SUBSTANTIALLY CONFORMS TO THE BUILDING ENERGY EFFICIENCY STANDARDS PERTAINING TO THE **COMMERCIAL PROVISIONS FOR BUILDING ENVELOPE COMPONENTS (C402)** OF THE 2015 IECC WITH AMENDMENTS PER HAR 3-181.1:

COMPLIANCE METHOD

- 2015 IECC as amended. Mandatory & Prescriptive
- 2015 IECC as amended. Mandatory & Total Building Performance
- ASHRAE Standard 90.1-2013. Mandatory & Prescriptive
- ASHRAE Standard 90.1-2013. Mandatory & Energy Cost Budget Method

INFORMATION IN CONSTRUCTION DOCUMENTS

	Yes	N/A
Roof insulation R-value	<input type="checkbox"/>	<input type="checkbox"/>
Roof insulation type and location	<input type="checkbox"/>	<input type="checkbox"/>
Roof membrane solar reflectance and thermal emittance	<input type="checkbox"/>	<input type="checkbox"/>
Wall insulation R-value	<input type="checkbox"/>	<input type="checkbox"/>
Wall insulation type and location	<input type="checkbox"/>	<input type="checkbox"/>
Window SHGC	<input type="checkbox"/>	<input type="checkbox"/>
Window U-factor	<input type="checkbox"/>	<input type="checkbox"/>
Skylight SHGC	<input type="checkbox"/>	<input type="checkbox"/>
Skylight U-factor	<input type="checkbox"/>	<input type="checkbox"/>

NOTES

Signature: _____ Date: _____ Stamp, Date & Two-Part Statement

Name: _____

Title : _____

License No. : _____

Project Name: _____

Project TMK: (3) _____

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Effective Date: 08/15/2019

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I CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE, THIS PROJECTS DESIGN SUBSTANTIALLY CONFORMS TO THE BUILDING ENERGY EFFICIENCY STANDARDS PERTAINING TO THE **COMMERCIAL PROVISIONS FOR MECHANICAL SYSTEMS (C403, C404 & C405)** OF THE 2015 IECC WITH AMENDMENTS PER HAR 3-181.1:

COMPLIANCE METHOD

- 2015 IECC as amended. Mandatory & Prescriptive
- 2015 IECC as amended. Mandatory & Total Building Performance
- ASHRAE Standard 90.1-2013. Mandatory & Prescriptive
- ASHRAE Standard 90.1-2013. Mandatory & Energy Cost Budget

INFORMATION IN CONSTRUCTION DOCUMENTS

	Yes	N/A
HVAC Systems		
Equipment capacity and efficiency. C403.2.3	<input type="checkbox"/>	<input type="checkbox"/>
Thermostatic controls C403.2.4	<input type="checkbox"/>	<input type="checkbox"/>
Guest room door switches. C403.2.4.2.4	<input type="checkbox"/>	<input type="checkbox"/>
Ventilation rate C403.2.6	<input type="checkbox"/>	<input type="checkbox"/>
Demand control ventilation controls C403.2.6.1	<input type="checkbox"/>	<input type="checkbox"/>
Enclosed parking garage ventilation control. C403.2.6.2	<input type="checkbox"/>	<input type="checkbox"/>
Energy recovery ventilation system. C403.2.7	<input type="checkbox"/>	<input type="checkbox"/>
Kitchen exhaust systems. C403.2.8	<input type="checkbox"/>	<input type="checkbox"/>
Duct and plenum insulation thickness/R-value. C403.2.9	<input type="checkbox"/>	<input type="checkbox"/>
Duct and plenum sealing requirements. C403.2.9	<input type="checkbox"/>	<input type="checkbox"/>
Pipe insulation thickness/R-value. C403.2.10	<input type="checkbox"/>	<input type="checkbox"/>
Fan motor horsepower. C403.2.12	<input type="checkbox"/>	<input type="checkbox"/>
Fan efficiency. C403.2.12	<input type="checkbox"/>	<input type="checkbox"/>
Fan motor efficiency. C405.8	<input type="checkbox"/>	<input type="checkbox"/>
Pump motor efficiency. C405.8	<input type="checkbox"/>	<input type="checkbox"/>
Variable-flow fan control. C403.4.1	<input type="checkbox"/>	<input type="checkbox"/>
Static pressure sensor location. C403.4.1.2	<input type="checkbox"/>	<input type="checkbox"/>
Static pressure reset control. C403.4.1.3	<input type="checkbox"/>	<input type="checkbox"/>
Chilled water variable flow control. C403.4.2.4	<input type="checkbox"/>	<input type="checkbox"/>
Chiller isolation. C403.4.2.6	<input type="checkbox"/>	<input type="checkbox"/>
Cooling tower fan control. C403.4.3	<input type="checkbox"/>	<input type="checkbox"/>
Terminal unit minimum and maximum airflow. C403.4.4	<input type="checkbox"/>	<input type="checkbox"/>
Commissioning requirements. C408.2	<input type="checkbox"/>	<input type="checkbox"/>
Refrigeration		
Refrigeration equipment efficiency. C403.2.14	<input type="checkbox"/>	<input type="checkbox"/>
Walk-in coolers and freezers. C403.2.15, C403.2.16 & C403.5	<input type="checkbox"/>	<input type="checkbox"/>
Refrigerated warehouses. C403.2.15 & C403.5	<input type="checkbox"/>	<input type="checkbox"/>
Refrigerated display cases. C403.2.17 & C403.5	<input type="checkbox"/>	<input type="checkbox"/>
Service Water Heating		
Heat recovery for service water heating. C403.4.5	<input type="checkbox"/>	<input type="checkbox"/>
Equipment capacity and efficiency. C404.2	<input type="checkbox"/>	<input type="checkbox"/>
Pipe insulation. C404.4	<input type="checkbox"/>	<input type="checkbox"/>
Hot water pipe length/volume. C404.5	<input type="checkbox"/>	<input type="checkbox"/>
Hot water circulation controls. C404.6	<input type="checkbox"/>	<input type="checkbox"/>
Heated pool and spa covers. C404.9.3	<input type="checkbox"/>	<input type="checkbox"/>
Commissioning requirements. C408.2	<input type="checkbox"/>	<input type="checkbox"/>

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COMPLIANCE METHOD

- 2015 IECC as amended. Mandatory & Prescriptive
- 2015 IECC as amended. Mandatory & Total Building Performance
- ASHRAE Standard 90.1-2013. Mandatory & Prescriptive
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INFORMATION IN CONSTRUCTION DOCUMENTS

	Yes	N/A
Interior Lighting		
Occupant sensor controls. C405.2.1	<input type="checkbox"/>	<input type="checkbox"/>
Time switch controls. C405.2.2	<input type="checkbox"/>	<input type="checkbox"/>
Daylight responsive controls. C405.2.3	<input type="checkbox"/>	<input type="checkbox"/>
Daylight zones on plans. C405.2.3.2 & C405.2.3.3	<input type="checkbox"/>	<input type="checkbox"/>
Guest room controls. C405.2.4	<input type="checkbox"/>	<input type="checkbox"/>
Interior lighting fixture schedule	<input type="checkbox"/>	<input type="checkbox"/>
Input power for interior lighting fixtures. C405.4.1	<input type="checkbox"/>	<input type="checkbox"/>
Interior lighting fixture locations	<input type="checkbox"/>	<input type="checkbox"/>
Lighting control functional performance testing requirement. C408.3	<input type="checkbox"/>	<input type="checkbox"/>
Exterior Lighting		
Exterior lighting controls. C405.2.5	<input type="checkbox"/>	<input type="checkbox"/>
Exterior lighting fixture schedule	<input type="checkbox"/>	<input type="checkbox"/>
Input power for exterior lighting fixtures	<input type="checkbox"/>	<input type="checkbox"/>
Exterior lighting fixture locations	<input type="checkbox"/>	<input type="checkbox"/>
Electrical		
Electrical transformer efficiency. C405.7	<input type="checkbox"/>	<input type="checkbox"/>
Tenant submetering. C405.10	<input type="checkbox"/>	<input type="checkbox"/>

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