What is Title 20 and How Does it Apply?

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This application note will outline the purpose of California’s Title 20 code, what products it applies to and how to find a list of approved Title 20 products.

What is Title 20

Title 20 is part of the Appliance Efficiency Regulation and California Code of Regulations that requires manufacturer certification of “self-contained” lighting control devices in California.

“Self-contained” lighting control devices are defined as discrete lighting control devices that can perform their designed function without the requirement of being connected to additional devices.

Common devices that may fall under the category of “Self-contained” include:

- Self-contained Automatic Daylighting Controls
- Dimmers
- Line powered Occupancy Sensors
- Line power Vacancy Sensors

How to find a list of approved Title 20 products

Manufacturers self-certify products to meet the Title 20 requirements outlined on the California Energy Commission (CEC) web site. The manufacturer also must provide a declaration that the information about the products is accurate for the submitted products.

The CEC reviews each submission and supports an online database to find the list of approved Title 20 products by manufacturer or technology type.

Approved self-contained Title 20 products can be found on the CEC Appliance Efficiency Database at http://www.energy.ca.gov/appliances/database/

This location also contains a list of historical Title 20 databases for products that previously applied to Title 20.
**What is not covered by Title 20**

Lighting Control Systems do not apply to Title 20 and are not listed in the database. Devices that require the connection of an additional component to provide lighting control functionality are considered a Lighting Control System and not a “self-contained” device. Lighting Control Systems cannot be listed in the Title 20 database.

An example of a lighting control system could include a Greengate Low Voltage Ceiling Occupancy Sensor that requires a connection to a Switchpack could not be listed in the Title 20 database.

**What happened to the Title 24 database:**

Prior to July 1st 2014 a separate Title 24 database was maintained by the CEC listing lighting control systems that were self-certified by manufactures to meet the requirements outlined in California’s Title 24 energy code.

On July 1st 2014 the 2013 version of Title 24 went into effect. This new code no longer maintains a list of manufacturer certified products. The 2013 version of Title 24 now require on-site acceptance testing to ensure the products are installed and functioning properly. These testing requirements are outlined in the 2013 Building Energy Efficiency Standards. More information on the Acceptance Testing process, please visit the CEC website [http://www.energy.ca.gov/title24/attcp/](http://www.energy.ca.gov/title24/attcp/)

If your building permit was applied for prior to July 1st 2014 the 2008 version of Title 24 may still be used to show compliance. The Title 24 historical database can be found at [http://www.energy.ca.gov/appliances/database/historical_excel_files/Lighting/](http://www.energy.ca.gov/appliances/database/historical_excel_files/Lighting/)