



# Appliance Unit

## Compliance Assistance Tutorial





# **Title 20 Appliance Efficiency Compliance Assistance Tutorial**

Efficiency Division  
Appliances Unit

**THE WEBINAR WILL BEGIN AT 10 a.m.**

Compliance Assistance Tutorial



# Participation Guidelines

To ensure a successful webinar for all

- Please use the chat feature to ask questions or make comments.
- Please mute your phone until you wish to speak.
- Please do not place your phone on HOLD.

Contact us for further info: [appliances@energy.ca.gov](mailto:appliances@energy.ca.gov)



# Resources - Listservers

Main conduit for communicating with stakeholders

- Sign up at:

<http://www.energy.ca.gov/efficiency/listservers.html>

Subscribe to the following Efficiency Lists:

- **Title 20 Compliance**
- Appliances (info on new standards and rulemakings)



# Resources - Listservers

Main conduit for communicating with stakeholders

- Title 20 Compliance Assistance Hotline

Toll free inside California      **(888) 838-1467**

From outside of California      **(916) 651-7100**

[appliances@energy.ca.gov](mailto:appliances@energy.ca.gov)



# Introduction to MAEDBS

Modernized Appliance Efficiency Database System



## PRESENTATION POINTS

1. Creating a user account
2. Submitting appliance data (certifying)
3. Searching in the database
  - Appliance Database
  - Advanced Database
  - Company Database



## New features of the modernized database

- Account management function that allows authorized users to register and maintain their own accounts.
- Users log-on to submit securely.
- Multiple search engines provided to query submittals, third party certifiers, active and archived appliances, manufactures, and approved test labs.
- Ability to submit data as well as test Lab, third party certifier and delegation of authority applications.
- A public search feature for test Labs and third party certifiers has been added to the new system.



# Create New Account

**CA .GOV** CALIFORNIA ENERGY COMMISSION

### Log In

\*User ID

\*Password

I have read and agree to the [Login Policy](#)

[Forgot your User ID?](#)   [Forgot your Password?](#)

**Don't have an account**  
Create an authorized CEC account

**Public Search**  
Search for publically available appliance information

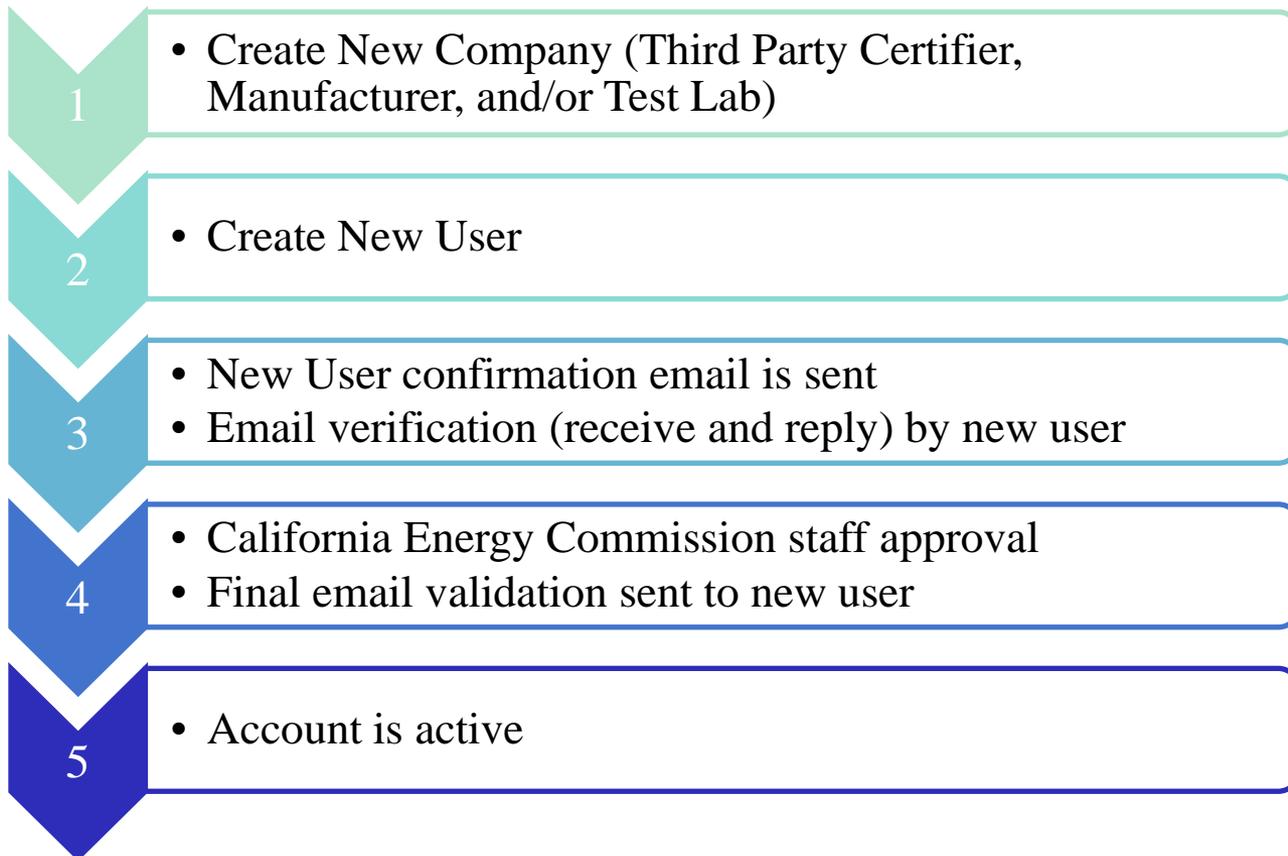
**3rd Party and Test Laboratory Approvals**  
Search for publically available approval information for 3rd party certifiers and test labs.

Current Build: Version 1.0 Deployed on 04/27/2015



# Create New Account

A new account is created following this sequential order:





# Create New Account

1. Create New Company  
Fill out all fields.
2. Click button. 



**CA.GOV** CALIFORNIA ENERGY COMMISSION  
HOME SEARCH

### Create new company

**Instructions**

- Please fill out all the required fields marked by \*
- Please select all company types that apply.

**Company Information**

\*Company Name

Company Website (Follow Format: http://www.energy.ca.gov)

**Company Type**

Manufacturer  Test Lab  3rd Party Certifier  
(Note: Selecting a company type does not grant immediate access by the California Energy Commission. A company will still need to submit an approval application before they are able to submit data. Checking a company type box allows access to applications specific to that company type.)

**Address**

\*Country  
USA

\*Address Line 1  Address Line 2

\*City  \*USA State  Foreign State/Province  \*ZIP/Postal Code

 **Create User**



# Create New Account



- 3. Create New User  
Fill out all fields.  
Create a unique user ID.

- 4. Click  .

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HOME SEARCH

Create New User [Save](#)

**Instructions**

- Please enter phone number and fax in following formats: 1-999-999-9999
- Please add extension for phone number, if applicable, by indicating x
- When creating User ID, use the first initial of your first name and your complete last name. i.e. John Doe, ID: JDoe. If the User ID is already taken, add a number i.e. JDoe1. User ID is not case sensitive.

**Add User**

\*Last Name  \*First Name

\*Email Address  \*Phone Number  Fax Number

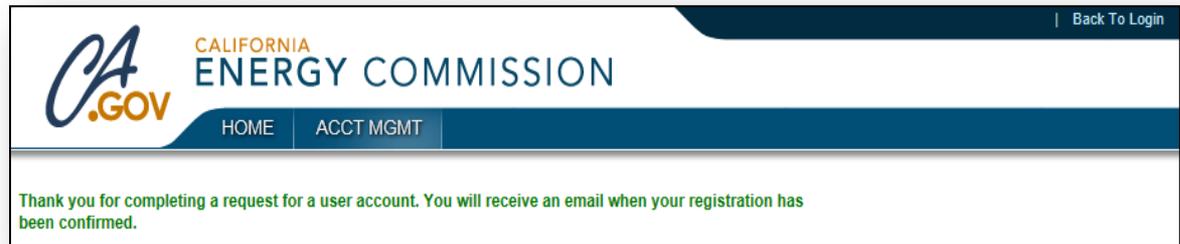
\*User ID



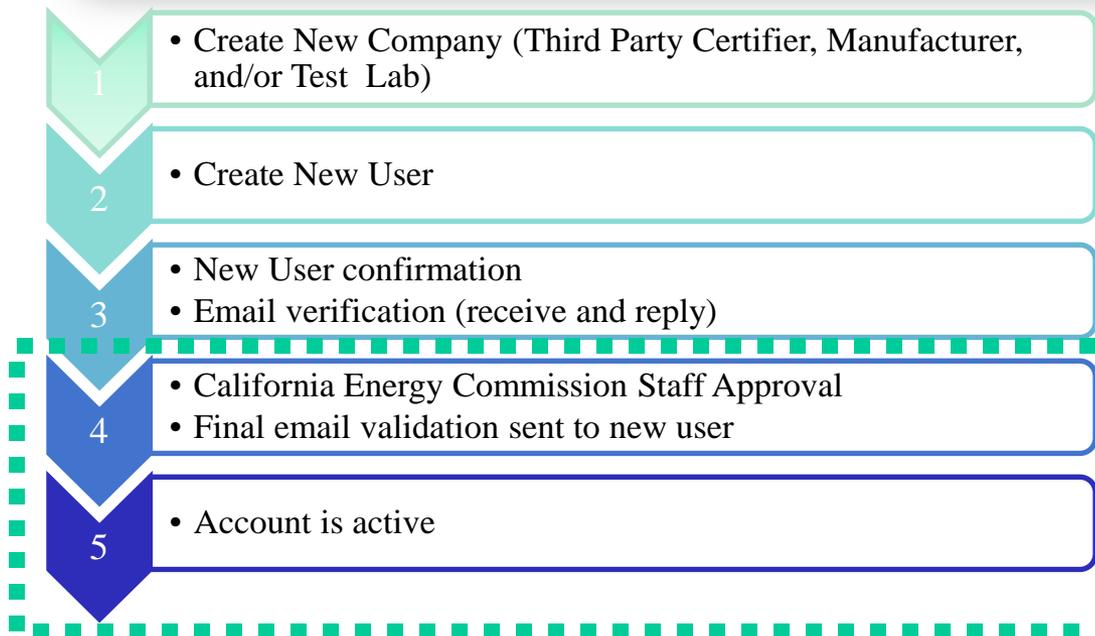
# Create New Account



5. After you click Save this screen will appear:



6. Your account is now active.





# Questions?





# Submitting Appliance Data *Certifying to the Energy Commission*



# Submitting Appliance Data

1

- Select appliance category and type

2

- Choose how to submit appliance data
  - Enter Manually
  - Upload excel file

3

- Appliance submittal declaration

4

- Submit appliance data for first stage validation



## Submitting Appliance Data from Company Type Login

Company Login

Company Type

Please select the company type you would like to proceed as:

Manufacturer  Test Lab  3rd Party Certifier

Company Login

Company Type

Please select the company type you would like to proceed as:

Manufacturer  Test Lab  3rd Party Certifier

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HOME APPLICATIONS ACCT MGMT SEARCH

- Submit Appliance Data
- Delegation of Authority Application

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HOME APPLICATIONS ACCT MGMT SEARCH

- Submit Appliance Data
- Third Party Certifier Application

CA .GOV HOME APPLICATIONS ACCT MGMT SEARCH

Select Appliance

Select Category

Select Appliance

Type of Entry

Next

CA .GOV HOME APPLICATIONS ACCT MGMT SEARCH

Select Appliance

Select Category

Select Appliance

Type of Entry

Please select the manufacturer you are submitting on behalf of

Next



# Submitting Appliance Data



HOME APPLICATIONS ACCT MGMT SEARCH

### Select Appliance

Select Category: Please Select  
 Select Appliance: Please Select  
 Type of Entry: Please Select

Please select the manufacturer you are submitting on behalf of: Please Select

\*Available to 3<sup>rd</sup> Party Certifier user only

Next



## 14 Categories

- Please Select
- Central Air Conditioners
- Central Heat Pumps
- Cooking and Washing Products
- Electronics
- Fans and Dehumidifiers
- Heating Products
- Lighting Products
- Motor Products
- Non-Central AC & HP Products
- Plumbing Products
- Pool Products
- Refrigeration Products
- Transformer Products
- Water Heater Products

66 Appliance Types

HOME APPLICATIONS ACCT MGMT SEARCH

### Select Appliance

Select Category: Electronics  
 Select Appliance: Consumer Audio & Video  
 Type of Entry: Please Select

Upload Excel  
Manual

Upload Excel vs. Manual



# Submitting Appliance Data

3

Select Appliance

Select Category: Electronics

Select Appliance: Consumer Audio & Video

Type of Entry: Upload Excel

or

Select Appliance

Select Category: Electronics

Select Appliance: Consumer Audio & Video

Type of Entry: Manual

## Appliance Submittal Declaration

To meet the requirements of Title 24, companies wishing to certify appliances with the California Energy Commission must provide complete and accurate contact information for themselves and for the test laboratory used to produce the certification data. Companies must then sign this Declaration on the following page. If a test lab was not used (for example, if a manufacturer is requesting only that models be deleted from the certification database), or if an appropriate exception has been met, the Test Laboratory section may be left blank.

### Certifying Company

\*Certifying Company Name: [Text Field]

Address 1: [Text Field] Address 2: [Text Field]

City: [Text Field] State: [Text Field] ZIP/Postal Code: [Text Field] Country: [Text Field]

Company Website (URL): [Text Field]

\*Contact First Name: [Text Field] \*Contact Last Name: [Text Field]

Phone Number: [Text Field] Fax: [Text Field] Email Address: [Text Field]

### Manufacturer (if different from Certifying Company)

\*Manufacturer Company Name: [Text Field]

Address 1: [Text Field] Address 2: [Text Field]

City: [Text Field] State: [Text Field] ZIP/Postal Code: [Text Field] Country: [Text Field]

Company Website (URL): [Text Field]

Contact First Name: [Text Field] Contact Last Name: [Text Field]

Phone Number: [Text Field] Fax: [Text Field] Email Address: [Text Field]

### Test Laboratory

Name	Test Methods
No records found	

Check this to skip adding Test Lab if submittal is for Deleting appliances only

### Declaration

- I declare under penalty of perjury of the laws of the State of California that:
- All the information in this statement is true, complete, accurate, and in compliance with all applicable provisions of Sections 1601 - 1608 of Title 20 of the California Code of Regulations.
  - Units of each basic model of appliance for which certification is requested have been tested in accordance with all applicable requirements of

4

## Upload Excel

### Upload Document - Consumer Audio & Video

Instructions

- Model data must first be processed by CEC prior to any submissions to change or delete previously submitted model data.
- Upload appliance data using the report template provided by the instructions for this specific appliance type.
- Please note that only one excel file can be added at a time.

No file chosen

or

Consumer Audio & Video

Instructions

- Fill in appliance data according to associated fields in the report template provided in the instructions for this specific appliance type. If the appliance brand name does not appear in the dropdown, enter it in the free entry field; this will be added to the system after CEC staff processing.
- Model data must first be processed by CEC prior to any submissions to change or delete previously submitted model data.

\*Action: Please Select

\*Model Number: [Text Field]

Manufacturer: [Text Field] Add Date: [Text Field]

Brand: Please Select

\*Regulatory Status: Please Select

Audio Video Type: Standby Power Usage (Watts): [Text Field]

Standby Power Usage (Watts) Std: [Text Field] On Mode Power Usage (Watts): [Text Field]

On Mode Power Usage (Watts) Std: [Text Field]





## Submitting Appliance Data – Upload Excel

1. Click **Browse**.

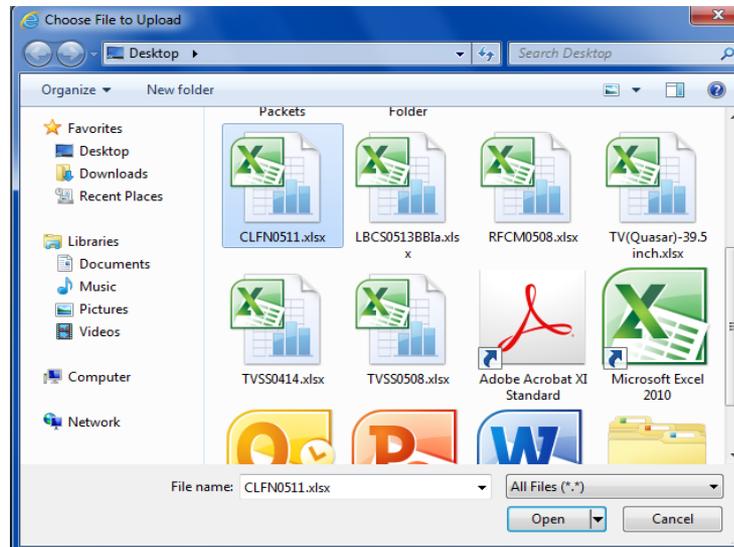
Upload Document - Consumer Audio & Video

**Instructions**

- Model data must first be processed by CEC prior to any submissions to change or delete previously submitted model data.
- Upload appliance data using the import template provided by the instructions for this specific appliance type.
- Please note that only one excel file can be added at a time

No file chosen

2. Locate and upload your excel file.





## Submitting Appliance Data – Upload Excel

3. Verify uploaded appliance data and click **Next** to complete the first stage validation process.

Appliance Data List

	<input type="checkbox"/>	Action	Appliance Category	Appliance Type	Model #	Manufacturer	Brand
Select	<input type="checkbox"/>	Add	Electronics	AudioVideo	TestModelA01	CAVI	Memorex
Select	<input type="checkbox"/>	Add	Electronics	AudioVideo	TestModelA02	CAVI	Memorex
Select	<input type="checkbox"/>	Add	Electronics	AudioVideo	TestModelA03	CAVI	Memorex
Select	<input type="checkbox"/>	Add	Electronics	AudioVideo	TestModelB01	CAVI	Memorex

Buttons: Delete, Add, Previous, Next

Results

Submit Cancel

Passed

Appliance Type	Model #	Manufacturer	Brand
AudioVideo	TestModelA01	CAVI	Memorex
AudioVideo	TestModelA02	CAVI	Memorex
AudioVideo	TestModelA03	CAVI	Memorex
AudioVideo	TestModelB01	CAVI	Memorex

Failed

Appliance Type	Model #	Manufacturer	Brand
No records found			

View Failure Reasons by Category

Certification Date

\*Please enter the date these models can be displayed to the public

Re-Upload

Previous

- 4. Select the **date** the models can be displayed to the public.
- 5. After all entries pass successfully, **Submit**



## Submitting Appliance Data – Manual Entry

1. Fill out **fields** with  respective information.

2. Click .

Consumer Audio & Video  

**Instructions**

- Key in appliance data according to associated fields in the import template provided in the instructions for this specific appliance type. If the appliance brand name does not appear in the dropdown, enter it in the free entry field, this will be added to the system after CEC staff processing
- Model data must first be processed by CEC prior to any submissions to change or delete previously submitted model data

\*Action  
Please Select

\*Model Number

Manufacturer  Add Date

Brand  New Brand

\*Regulatory Status  
Please Select

Audio Video Type  Standby Power Usage (Watts)

Standby Power Usage (Watts) Std  On Mode Power Usage (Watts)

On Mode Power Usage (Watts) Std



## Submitting Appliance Data – Manual Entry

- 3. “Add” additional models as needed.
- 4. Verify appliance data entries and click **Next** to complete the first stage validation process.

Appliance Data List

	<input type="checkbox"/>	Action	Appliance Category	Appliance Type	Model #	Manufacturer	Brand
Select	<input type="checkbox"/>	Add	Electronics	AudioVideo	TestModelA01	CAVI	Memorex
Select	<input type="checkbox"/>	Add	Electronics	AudioVideo	TestModelA02	CAVI	Memorex
Select	<input type="checkbox"/>	Add	Electronics	AudioVideo	TestModelA03	CAVI	Memorex
Select	<input type="checkbox"/>	Add	Electronics	AudioVideo	TestModelB01	CAVI	Memorex

Results

Passed

Appliance Type	Model #	Manufacturer	Brand
AudioVideo	TestModelA01	CAVI	Memorex
AudioVideo	TestModelA02	CAVI	Memorex
AudioVideo	TestModelA03	CAVI	Memorex
AudioVideo	TestModelB01	CAVI	Memorex

Failed

Appliance Type	Model #	Manufacturer	Brand
No records found			

[View Failure Reasons by Category](#)

Certification Date

\*Please enter the date these models can be displayed to the public

- 5. Select the **date** the models can be displayed to the public.
- 6. After all entries pass successfully, click  .



## Submitting Appliance Data

Results Submit Cancel

Passed

Appliance Type	Model #	Manufacturer	Brand
AudioVideo	TestModelA01	CAVI	Memorex
AudioVideo	TestModelA02	CAVI	Memorex
AudioVideo	TestModelA03	CAVI	Memorex
AudioVideo	TestModelB01	CAVI	Memorex

1. Submit successful appliance data through MAEDBS.

2. Confirmation message appears with submittal number.

HOME APPLICATIONS ACCT MGMT SEARCH

Results Go Back

Record saved successfully. Your information has been successfully submitted to the California Energy Commission. The submittal number is: SUB111. Please allow 30 days for processing. If you do not receive a response in 30 days, please contact CEC staff at 555-555-5555

Passed

Appliance Type	Model #	Manufacturer	Brand
----------------	---------	--------------	-------

3. User receives a confirmation email with submittal number.

**Receipt of Appliance Data Certification**  
dev no reply <devnoreplycec@gmail.com>  
Sent: Thu 6/11/2015 2:34 PM  
To: [REDACTED]  
Retention Policy: Enforced: Deleted Items 90 Day PermDelete (90 days) Expires: 9/9/2015

Your appliance data certification submission has been received. Your submittal # SUB1154. You will receive a response within 30 days. For assistance, please email [appliances@energy.ca.gov](mailto:appliances@energy.ca.gov) or call 1-800- XXX-XXXX.



## First Stage vs. Second Stage Validation

- First Stage Validation
  - Submitting data through MAEDBS for quality check of the appliance data.
- Second Stage Validation
  - Successful submissions through the MAEDBS are processed by Energy Commission staff.
  - Compliance with federal and state standards is verified.



## Second Stage Validation Results

- Second stage validation results:
  - Successful
    - Appliance data is available in the Appliance Efficiency Database
  - Partially Successful
    - Unsuccessful data must be re-submitted
  - Unsuccessful
    - Appliance data must be re-submitted
- Results are emailed to the certifier.

Demo: <https://cecwats2.org/Login.aspx>



# Questions?





# Accessing the Appliance Search



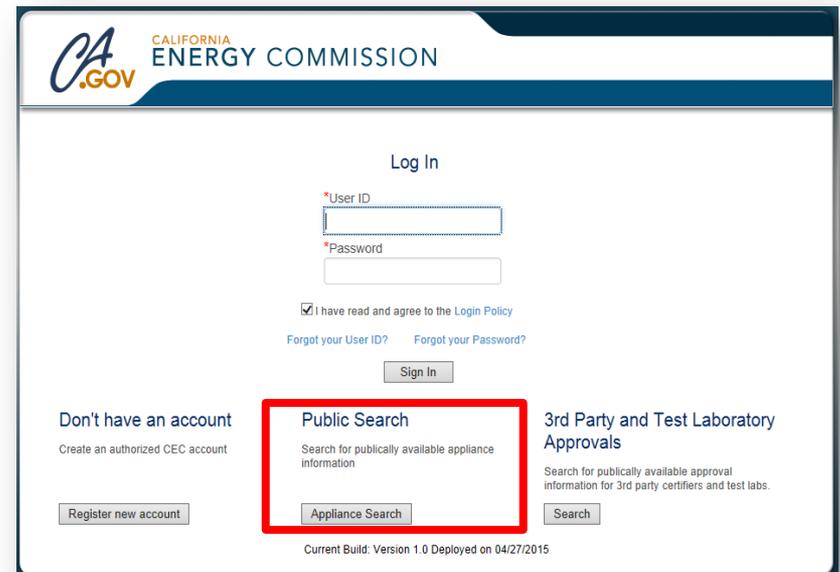
# Accessing the Appliance Search



User log-in global home tab (Internal)

Log-in home page (External)

OR





# Accessing the Appliance Search

The screenshot shows the "Appliance Search" page on the CA.GOV website. The page has a dark blue header with the CA.GOV logo and "CALIFORNIA ENERGY COMMISSION" text. A navigation bar below the header contains links for "HOME", "APPLICATIONS", "ACCT MGMT", and "SEARCH". In the top right corner, there are links for "Help" and "Logout", and a red "Acceptance" button. The main content area is titled "Appliance Search" and includes a brief instruction: "To begin your search enter model criteria and click search. Use the additional fields if necessary. The quick search also allows search results to be narrowed to currently approved models or to search archived models." Below this instruction, there are five search criteria buttons: "Model Number", "Appliance Type", "Company", "Brand", and "Appliance Status". The "Model Number" button is highlighted with a blue border. Below these buttons is a text input field labeled "Model Number" and two buttons: "Search" and "Clear".

There are five categories to choose from to begin your appliance search.





## Accessing the Advanced Search

CA .GOV CALIFORNIA ENERGY COMMISSION

Log In

\*User ID  
\*Password

I have read and agree to the Login Policy

[Forgot your User ID?](#) [Forgot your Password?](#)

Don't have an account  
Create an authorized CEC account

**Public Search**  
Search for publically available appliance information

3rd Party and Test Laboratory Approvals  
Search for publically available approval information for 3rd party certifiers and test labs.



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HOME **SEARCH**

- Search Company
- Appliance Search
- Advanced Search



## Accessing the Advanced Search

### Advanced Search

The Advanced Search allows you to create a narrower search by selecting unique model criteria. You will be guided to select the category, type, then narrow your search results with additional filters. In this search you can select the fields displayed in the results by checking the "Select All" box. There are also additional filters that can be applied to look up specific model information.

#### Recent Searches

Televisions

#### Select Appliance Type

Select Category

Electronics

Select Appliance

Consumer Audio & Video

Select Appliance Status

Approved

#### Select Fields to Display

Select/Deselect All

Manufacturer

Brand

Model Number

Audio Video Type

Standby Power Usage (Watts)  Standby Power Usage (Watts) Std  On Mode Power Usage (Watts)  On Mode Power Usage (Watts) Std

Regulatory Status

Add Date

#### Filters

Standby Power Usage (Watts)

Greater Than

3.5

Please Select

Please Select

Please Select

Please Select

1. Select Appliance Type.

2. Select the fields you want displayed in your results.

3. Narrow your results by using the filters.



# Accessing the Advanced Search

4. To modify results, use search options.

### Advanced Search

The Advanced Search allows you to create a narrower search by selecting unique model criteria. You will be guided to select the category, type, then narrow your search results with additional filters. In this search you can select the fields displayed in the results by checking the "Select All" box. There are also additional filters that can be applied to look up specific model information.

Recent Searches

---

Televisions

Select Appliance Type

---

Select Fields to Display

---

Filters

---

**Search Results** 47 record(s) found Export To:

<input type="checkbox"/>	ModelNumber	Manufacturer	Brand	ModelStatus	RegulatoryStatus	Add Date	TV Type	Screen Size (Diag Inches)	Automatic Brightness Control	Luminance Ratio	Standby Passive Power Watts	On Mode Power Watts
Select <input type="checkbox"/>	UN50H6350AF	SAMSUNG ELECTRONICS CO., LTD.	Samsung	Approved	Non Federally-Regulated	12/05/2014	LCD	50	True	75.7	0.3	47
Select <input type="checkbox"/>	UN50HU6900F	SAMSUNG ELECTRONICS CO., LTD.	Samsung	Approved	Non Federally-Regulated	11/12/2014	LCD	50	True	73.6	0.5	72
Select <input type="checkbox"/>	PN51F5300BF	SAMSUNG ELECTRONICS CO., LTD.	Samsung	Approved	Non Federally-Regulated	05/19/2014	Plasma	51	True	78.7	0.3	83
Select <input type="checkbox"/>	UN55HU7250F	SAMSUNG ELECTRONICS CO., LTD.	Samsung	Approved	Non Federally-Regulated	11/12/2014	LCD	55	True	73.5	0.3	87
Select <input type="checkbox"/>	UN50HU7000F	SAMSUNG ELECTRONICS CO., LTD.	Samsung	Approved	Non Federally-Regulated	12/05/2014	LCD	50	True	77.6	0.5	72

Results



# Accessing the Company Search



# Accessing the Company Type Search Database

A screenshot of the California Energy Commission website. The header includes the "CA .GOV" logo and "CALIFORNIA ENERGY COMMISSION". The main content area is titled "Log In" and contains a form with fields for "\*User ID" and "\*Password", a checkbox for "I have read and agree to the Login Policy", and links for "Forgot your User ID?" and "Forgot your Password?". Below the login form are three search options: "Don't have an account" with a "Register new account" button, "Public Search" with an "Appliance Search" button, and "3rd Party and Test Laboratory Approvals" with a "Search" button. The "3rd Party and Test Laboratory Approvals" section is highlighted with a red dashed border, and a red arrow points to its "Search" button. At the bottom, it says "Current Build: Version 1.0 Deployed on 04/27/2015".



# Company Search Database - Third Party Certifier

1. Select criteria to begin search.

3. Click "Select" to view company info from results.

2. Click Search

**Company Search**

Enter company search criteria and click search to view results

Company Name:  Country:  Company Type:

Company Status:  Approval Start Date:  Approval End Date:

**Search Results** Export To:

Company	Type	Address1	City	State	Country
<a href="#">Select</a> Accurate Technology Co., Ltd.	3rd Party Certifier	F1, Bldg. A, Changyuan New Material Port, Keyuan Rd., Science & Industry Park, Nanshan	Shenzhen	Guangdong	China
<a href="#">Select</a> Anhui CQC-CHEARI Technology Co., Ltd.	3rd Party Certifier	Building 10, Zhao Yang Industrial Park, Economic and Technological Development Zone	Chuzhou City	Anhui Province	China
<a href="#">Select</a> ATT Product Service Co., Ltd.	3rd Party Certifier	No. 3, ChangLianShan Industrial Park	DongGuan	Guangdong	China
<a href="#">Select</a> Attestation of Global Compliance (Shenzhen) Co., Ltd.	3rd Party Certifier	2F, No. 2 Building, Huafeng No. 1 Technical Industrial Park	Shenzhen	Guangdong	China
<a href="#">Select</a> Audix Technology (Shanghai) Co., Ltd.	3rd Party Certifier	3-4F 34 Bldg., No. 680 Guiping Rd.	Caohejing Hi-Tech Park	Shanghai	China
<a href="#">Select</a> Audix Technology (Shenzhen) Co., Ltd.	3rd Party Certifier	No. 6 Ke Feng Road, Block 52, Shenzhen Science & Industry Park	Shenzhen	Guangdong	China
<a href="#">Select</a> Bay Area Compliance Laboratories Corp. (Dongguan)	3rd Party Certifier	Pu Long Cun 69, Puxinghu Industrial Area, Tangxia Town	Dongguan	Guangdong	China



# Company Search Database-Test Lab

## Company Search

Enter company search criteria and click search to view results

Company Name  Country  Company Type  Appliance Type

Company Status  Approval Start Date  Approval End Date

1. Use different search criteria to begin search.

3. Click "Select" to view company info from results.

2. Click Search

Search Results 8 record(s) found

Export To:

	Company	Type	Address1	City		
<a href="#">Select</a>	3rd Party Test	Test Lab	test	test		
<a href="#">Select</a>	A.O. Smith (McBee)	Test Lab	25731 Highway 1	McBee	South Carolina	
<a href="#">Select</a>	Accurate Testing	Test Lab	123 accuracy	accuracy	Kentucky	USA
<a href="#">Select</a>	AmitTestExternal	Test Lab	Addr'1	city	Alabama	USA
<a href="#">Select</a>	April Company	Test Lab	123 April	Aprilcity	Alabama	USA
<a href="#">Select</a>	Cesar Chavez Testing	Test Lab	123 Agriculture Way	Farmingdale	California	USA
<a href="#">Select</a>	State TestLab	Test Lab	1234 Anywhere You Want	Roseville	Alabama	USA
<a href="#">Select</a>	Vadzim Savenok Testing Co.	Test Lab	6000J St.	Sacramento	California	USA



# Company Type Search Database

Company Information (Name and Website)

Companies can have multiple company types.

Address

Account users

If a test lab, approved test methods per appliance type.

**Company Information**

\*Company Name

Company Website (Follow Format: http://www.energy.ca.gov)

---

**Company Type**

Manufacturer  Test Lab  3rd Party Certifier  
(Note: Selecting a company type does not grant immediate access by the California Energy Commission. A company will still need to submit an approval application before they are able to submit data. Checking a company type box allows access to applications specific to that company type.)

---

**Address**

\*Country

\*Address Line 1   
 Address Line 2

\*City  \*USA State  Foreign State/Province  \*ZIP/Postal Code

---

**Users**

First Name	Last Name	Email Address
Seven	Tang	seven_tang@atc-lab.com
Wang	Wei	wangwei@atc-lab.com
Leven	Ma	leven@atc-lab.com

---

**Approved Appliance Types and Test Methods**

Appliance Type	Test Method
Televisions	10 C.F.R. section 430.23(h) (Appendix H to Subpart B of Part 430)
AudioVideo	IEC 62087:2002(E)
SmallBatteryCharger	10 C.F.R. section 430.23(aa) (Appendix Y to Subpart B of Part 430)
ExternalPS	External Power Supplies, state-regulated (US EPA "Test Method for Calculating the Energy Efficiency of Single-Voltage External AC-DC and AC-AC Power Supplies", dated August 11, 2004)



# Questions?





# Title 20 Enforcement Authority Senate Bill 454



## Title 20 Enforcement Authority

- SB 454 (9/2011) gave Energy Commission the authority to assess administrative civil penalties for violations of the appliance efficiency regulations.
- “Any person, including a **retailer, manufacturer, contractor, importer or distributor**, that sells or offers for sale an appliance, which is not listed in the Appliance Efficiency Database, is in violation of Section 1608(a)(1) and may be subject to an administrative civil penalty for each unit of the appliance that was sold or is offered for sale.”
- Effective date is July 1, 2015



## Section 1608. Compliance, Enforcement, and General Administrative Matters.

### General Requirements for the Sale or Installation of All Appliances.

Any unit of any appliance within the scope of Section 1601 may be sold or offered for sale in California only if:

- (1) the appliance model number appears in the appliance efficiency database.
- (2) the manufacturer has:
  - (a) **tested** the appliance as required by Sections 1603 and 1604;
  - (b) **marked** the unit as required by Section 1607;
  - (c) for any appliance for which there is an applicable standard, **certified to the Energy Commission** that the appliance complies with the standard.



## Emergency Plumbing Fittings and Fixtures Efficiency Regulations

Effective date for new regulations is January 1, 2016.

There is **no** sell through of older, non-compliant stock permitted, regardless of the date of manufacture. This is different than for other appliances regulated by the California Energy Commission.

- Toilets shall not consume more than **1.28 gallons per flush**.
- Wall mounted urinals shall not consume more than **0.125 gallons per flush**.
- Lavatory faucets shall not exceed **1.2 gallons per minute** flow rate.
- Kitchen faucets shall not exceed **1.8 gallons per minute** flow rate and may have capability to increase to 2.2 gallons per minute momentarily for filling pots and pans.
- Public lavatory faucets shall not exceed **0.5 gallon per minute** flow rate.



## California sets more stringent standards than US DOE

**Federal Register / Vol. 75, No. 245 / Wednesday, December 22, 2010 / Rules and Regulations**

The provisions in 42 U.S.C. 6295(j)(3)(C) and 6295(k)(3)(C) represent a choice by Congress to deviate from the general rule of Federal preemption, where the relevant industry consensus body has failed to act to improve water efficiency for a significant period of time.

ASME/ANSI last made a substantive amendment to its standards:

- for faucets on May 29, **1996** and
- for water closets and urinals on April 19, **1996**

Because more than five years have passed since ASME/ANSI last amended the water efficiency requirements in either of these standards, California may set more stringent standards than the U.S. Department of Energy standards for most water-consuming appliances (75 Fed. Reg. 80289 (Dec. 22, 2010).)



## More stringent water use standards in California

**Federal regulations will not pre-empt California regulations due to following exceptions:**

- Industry consensus body has not acted to improve water efficiency for 5 years
- New California regulation is more stringent than industry standard

**Appliance standard updated to more stringent value than federal standard for:**

- lavatory faucets,
- kitchen faucets, and
- wall mounted urinals.

### Standards for Toilets, Urinals, and Faucets

Item	Industry Standard	Industry Standard Date	Previous CA Title 20 Regulation	CA Title 20 Regulation January 2016	Comment
Showerhead	ASME A112-18.1	May 29, 1996	2.5 GPM	2.5 GPM	No Change
Residential Lavatory Faucet	ASME A112-18.1	May 29, 1996	2.2 GPM	1.2 GPM	New regulation
Public Lavatory Faucet	ASME A112-18.1	May 29, 1996	2.2 GPM	0.5 GPM	CA standard catch up to Federal standard
Kitchen (Sink) Faucet	ASME A112-18.1	May 29, 1996	2.2 GPM	1.8 GPM	New regulation
Non Wall Mount Urinal	ASMEA112.19.6	April 19, 1996	1.0 GPF	.5 GPF	CEC standard catch up to CHSC standard
Wall Mount Urinal	ASMEA112.19.6	April 19, 1996	1.0 GPF	.125 GPF	New regulation
Water Closet (Toilet)	ASMEA112.19.6	April 19, 1996	1.6 GPF	1.28 GPF	CEC standard catch up to CHSC standard
				Means more stringent value than previously required in CA	



## Emergency Plumbing Fittings & Fixtures Efficiency Test Procedures

- These regulations require manufacturers to use the U.S. DOE test procedures.
- Toilets also require an additional performance test procedure.

### Test Procedures for Toilets, Urinals, and Faucets

Tested Item	Measured Quantity	Federal Mandated Test Procedure	California Mandated Test Procedure	Watersense Voluntary Test Procedure
Showerhead	Water flowrate	ANSI/ASME A112.18.1-2012	ANSI/ASME A112.18.1-2012	ASME A112.18.1/CSA B125.1
Residential Lavatory Faucet	Water flowrate	ANSI/ASME A112.18.1-2012	ANSI/ASME A112.18.1-2012	ASME A112.18.1/CSA B125.1 NSF/ANSI Standard 61
Public Lavatory Faucet	Water flowrate	ANSI/ASME A112.18.1-2012	ANSI/ASME A112.18.1-2012	None-product not covered by Watersense
Kitchen (Sink) Faucet	Water flowrate	ANSI/ASME A112.18.1-2012	ANSI/ASME A112.18.1-2012	None-product not covered by Watersense
Urinal (wall mount and non-wall mount)	Water flush volume	ASME A112.19.6-2008	ASME A112.19.6-2008	ASME A112.19.2/CSA B45.1 (Ceramic Urinal) ASME A112.19.3/CSA B45.4 (Stainless Urinal) IAPMO Z124.9 (Plastic Urinal)
Water Closet (Toilet)	Water flush volume	ASME A112.19.6-2008	ASME A112.19.6-2008	ASME A112.19.2/CSA B45.1-2013
Water Closet (Toilet)	Flushing performance	None	ASME A112.19.2/CSA B45.1-2013	ASME A112.19.2/CSA B45.1-2013



<http://www.energy.ca.gov/drought/rebate/>

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## California's Drought Rebate Program

### Overview

Following the lowest snowpack ever recorded and with no end in sight to the multi-year drought, Governor Edmund G. Brown Jr. signed [Executive Order B-29-15](#) in April 2015 directing the first ever statewide mandatory water reductions. These actions will save water, increase enforcement to prevent wasteful water use, streamline the state's drought response, and invest in new technologies to address California's drought this year and beyond.

Today, household water-use accounts for approximately 64 percent of total urban water use in California. One of the four California Energy Commission responsibilities in the Executive Order calls for a short-term, statewide rebate program for water-efficient appliances and devices. It will provide monetary incentives for the replacement of inefficient water consuming appliances and devices in homes including single- and multi-family. The program—run jointly by the Energy Commission, the California Department of Water

### More Information

- [Comment on the Drought Rebate Program](#)
- [View Comments and Documents](#)
- [Fact Sheet](#)

### Related Links

- [Water Energy Technology \(WET\) program](#)
- [Idea Exchange](#)
- [California Drought Page](#)
- [Governor's Executive Order B-29-15](#)



## Appliance Submittal Declaration – Declaration Section

### Declaration

I declare under penalty of perjury of the laws of the State of California that:

1. All the information in this statement is true, complete, accurate, and in compliance with all applicable provisions of Sections 1601 – 1608 of Title 20 of the California Code of Regulations.
2. Units of each basic model of appliance for which certification is requested have been tested in accordance with all applicable requirements of Sections 1603 – 1604 of Title 20 of the California Code of Regulations.
3. Section 1606(g) of Title 20 of the California Code of Regulations have been and are being complied with.
4. All units manufactured, distributed or otherwise intended for sale within the State of California have been and are being marked as required by Section 1607 of Title 20 of the California Code of Regulations.
5. The (i) manufacturer's name or brand name or trademark; (ii) model number; and (iii) date of manufacture are permanently, legibly, and conspicuously displayed on an accessible place on each unit.
6. Each unit does comply with the provisions in Tables 6.8.1 A through F of ANSI/ASHRAE/IES Standard 90.1-2007 and is marked, permanently and legibly on an accessible and conspicuous place on the unit, with a statement that the equipment complies with the requirements of ASHRAE Standard 90.1.
7. Each unit does not comply with the provisions in Tables 6.8.1 A through F of ANSI/ASHRAE/IES Standard 90.1-2007 and, therefore, is not marked with a statement that the equipment complies with the requirements of ASHRAE Standard 90.1.
8. The appliance complies with the applicable energy efficiency, energy consumption, energy design, water efficiency, water consumption, and water design standards in Sections 1605.1, 1605.2, and 1605.3 of Title 20 of the California Code of Regulations.

\*Name

\*Title

\*Date



Previous

Next





# Search Appliance by:

## Model Number

**Appliance Search**

To begin your search enter model criteria and click search. Use the additional fields if necessary. The quick search also allows search results to be narrowed to currently approved models or to search archived models.

Model Number

## Appliance Type

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Select Manufacturer

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Model Number    Appliance Type    Company    **Brand**    Appliance Status

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Select Brand

Please Select

## Appliance Status

**Appliance Search**

To begin your search enter model criteria and click search. Use the additional fields if necessary. The quick search also allows search results to be narrowed to currently approved models or to search archived models.

Model Number    Appliance Type    Company    Brand    **Appliance Status**

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Select Appliance Status

Approved  
Archived

