



# Appliance Unit

## Compliance Assistance Tutorial





# Title 20 Appliance Efficiency Compliance Assistance Tutorial

Efficiency Division – Appliances Unit

WEBINAR BEGINS AT THE TOP OF THE HOUR

## Introduction to MAEDBS



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



## Resources - Listservers

To subscribe to the Title 20 Compliance Assistance Efficiency and Appliances lists sign up at:

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

To contact the Title 20 Compliance Assistance Hotline, dial toll free inside California, (888) 838-1467, and from outside of California, (916) 651-7100 or email [appliances@energy.ca.gov](mailto:appliances@energy.ca.gov)



# Introduction to MAEDBS

Modernized Appliance Efficiency Database System



## PRESENTATION POINTS

1. Create a user account
2. Submit appliance data (certifying)
3. Search the database
  - Appliance Database
  - Advanced Database
  - Company Database



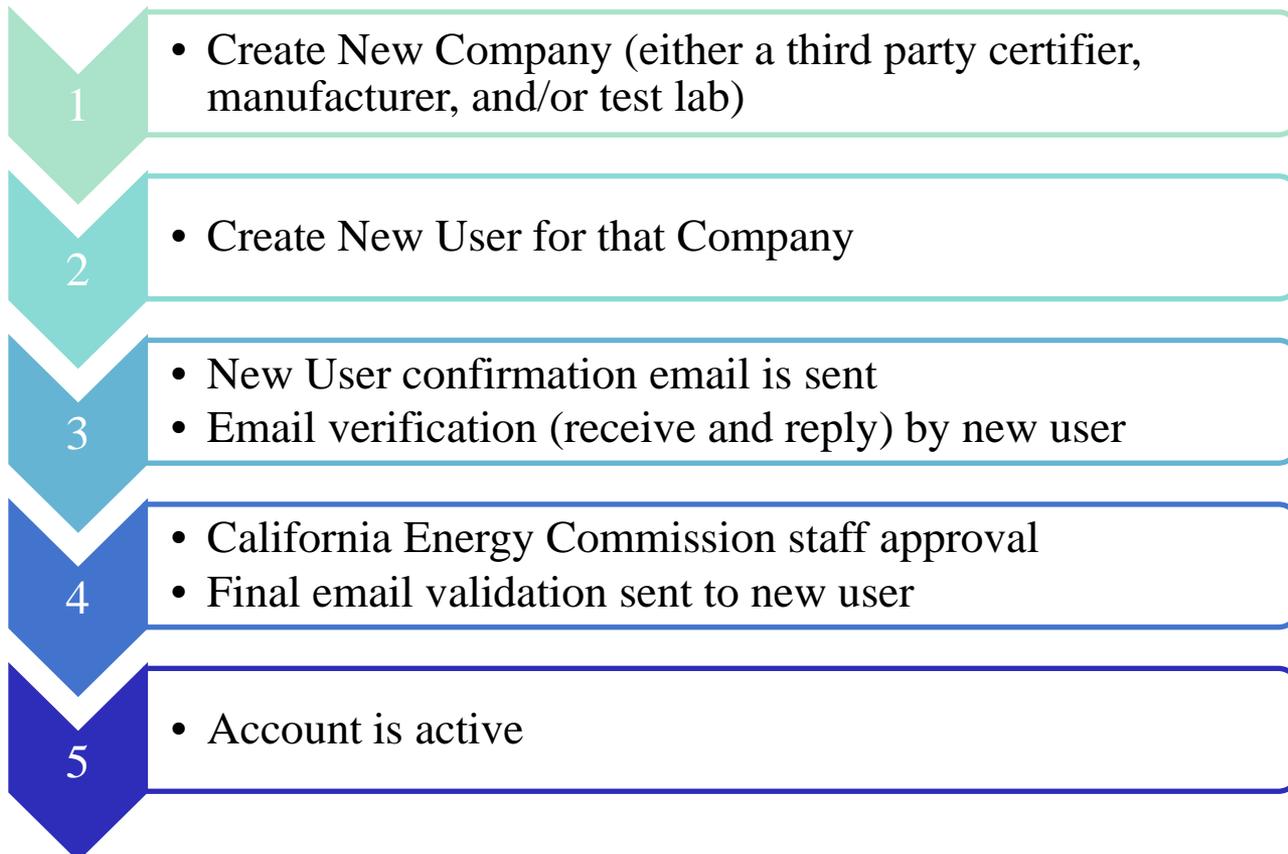
## Features of MAEDBS

- Account management function allows authorized users to register and maintain their own accounts.
- Users logon to submit securely.
- Multiple search engines provided to query submittal status, third party certifiers, active and archived appliances, manufactures, and approved test labs.
- Able to certify data and submit 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 a New Account

A new account is created following this sequential order:





# Create New Account

The screenshot shows the California Energy Commission website's login and registration interface. At the top left is the CA.GOV logo. The main heading is "Log In". Below it are two input fields: "\*User ID" and "\*Password". A checkbox is checked with the text "I have read and agree to the Login Policy". Below the checkbox are two links: "Forgot your User ID?" and "Forgot your Password?". A "Sign In" button is centered below these links. On the left side, there is a box titled "Don't have an account" with the text "Create an authorized CEC account" and a "Register new account" button, which is highlighted with a red arrow. On the right side, there are two sections: "Public Search" with the text "Search for publically available appliance information" and an "Appliance Search" button; and "3rd Party and Test Laboratory Approvals" with the text "Search for publically available approval information for 3rd party certifiers and test labs." and a "Search" button. At the bottom center, it says "Current Build: Version 1.0 Deployed on 04/27/2015".



# 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  .

CA .GOV CALIFORNIA ENERGY COMMISSION

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

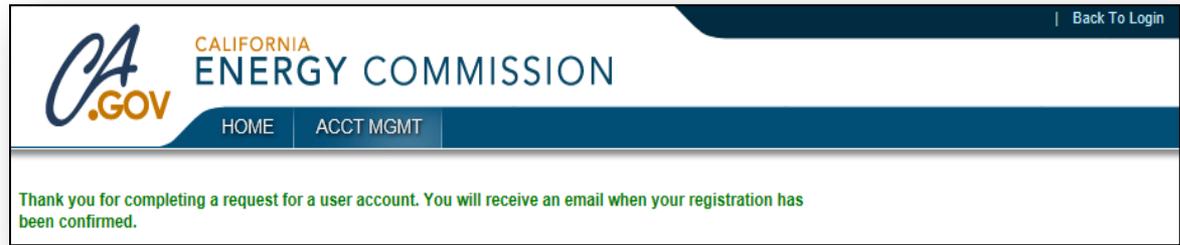
\*User ID



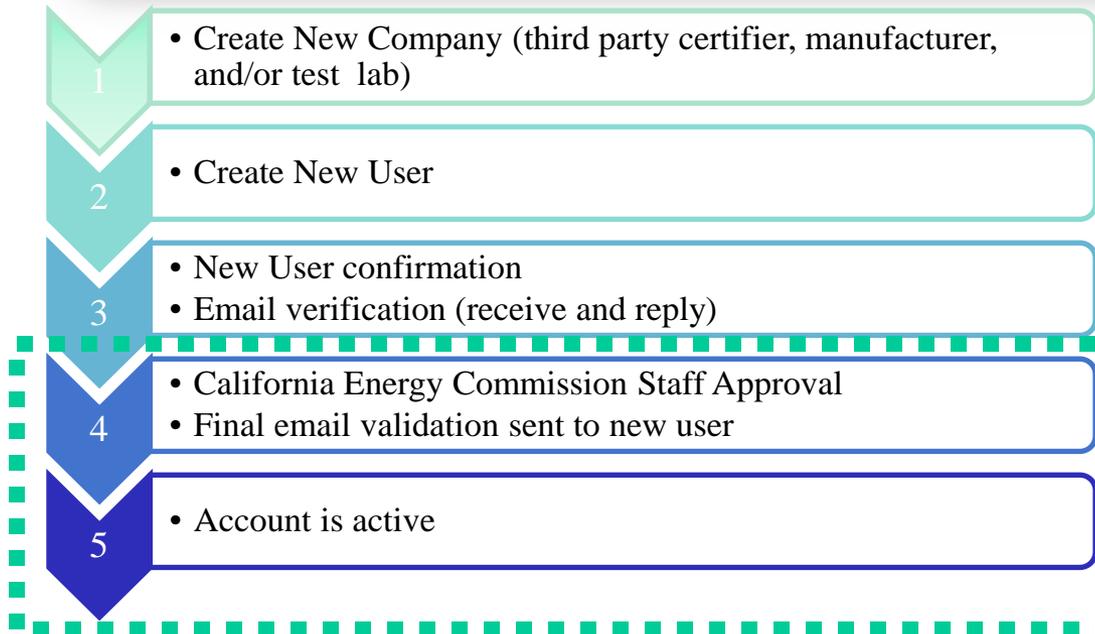
# Create New Account



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
  - Manually (direct input)
  - Upload Excel file

3

- Accept and Sign the 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

CALIFORNIA ENERGY COMMISSION

CA.GOV

HOME APPLICATIONS ACCT MGMT SEARCH

Submit Appliance Data

Delegation of Authority Application

CALIFORNIA ENERGY COMMISSION

CA.GOV

HOME APPLICATIONS ACCT MGMT SEARCH

Submit Appliance Data

Third Party Certifier Application

CA.GOV

HOME APPLICATIONS ACCT MGMT SEARCH

Select Appliance

Select Category: Please Select

Select Appliance: Please Select

Type of Entry: Please Select

Next

CA.GOV

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

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] Search

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] Search

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

### Manufacturer (if different from Certifying Company)

\*Manufacturer Company Name: [Text Field] Search

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] Search

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.

[Choose File] No file chosen

Previous Next

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]

Save Cancel





## Submitting Appliance Data – Upload Excel

1. Click **Browse**.

Upload Document - Consumer Audio & Video

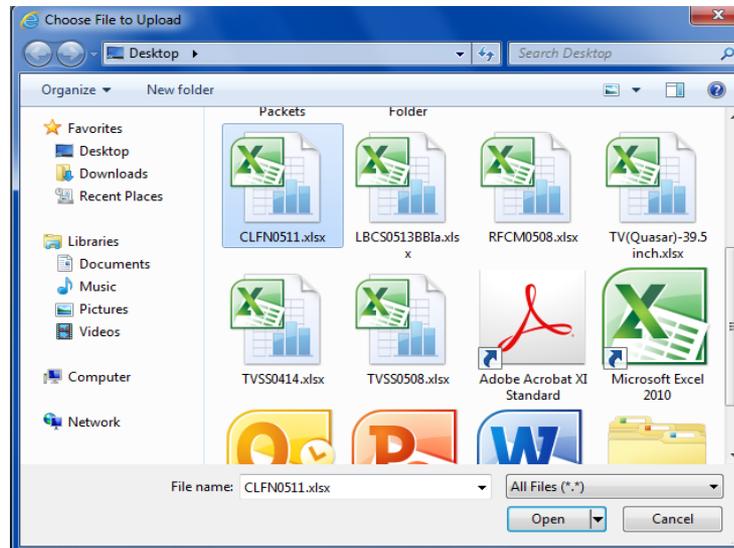
**Instructions**

- 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 all **fields** . 

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

\*Model Number

Manufacturer  Add Date

Brand  New Brand

\*Regulatory Status

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

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

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



## 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 submitted data format.
- 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.



# Questions?





# Accessing the Appliance Search



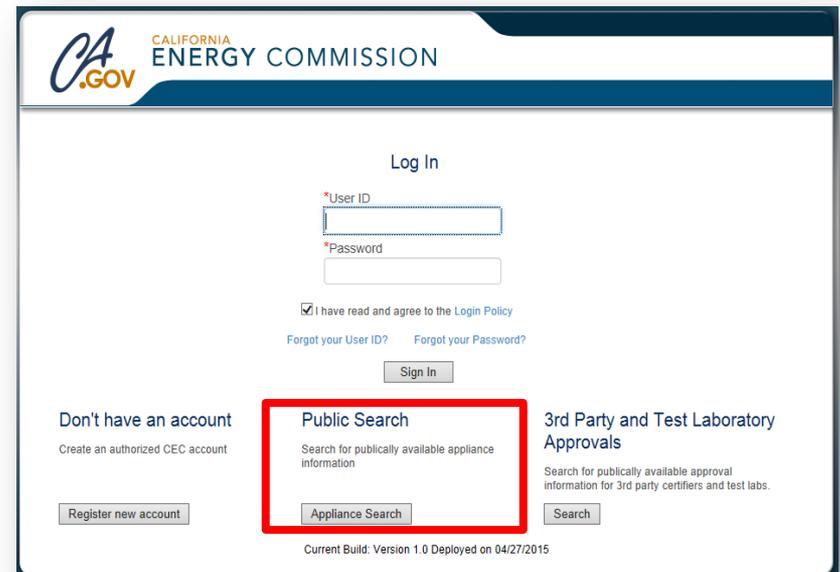
# Accessing the Appliance Search



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 header includes the CA.GOV logo, the text "CALIFORNIA ENERGY COMMISSION", and navigation links for "HOME", "APPLICATIONS", "ACCT MGMT", and "SEARCH". There are also links for "Help" and "Logout" in the top right corner, and a red "Acceptance" button. The main content area is titled "Appliance Search" and contains a paragraph of instructions: "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 text are five filter buttons: "Model Number", "Appliance Type", "Company", "Brand", and "Appliance Status". The "Model Number" button is highlighted with an orange border. Below these buttons is a text input field labeled "Model Number" and two buttons: "Search" and "Clear".

Choose a category 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 two input fields: "\*User ID" and "\*Password". Below these is a checkbox for "I have read and agree to the Login Policy" and two links: "Forgot your User ID?" and "Forgot your Password?". A "Sign In" button is positioned below the links. At the bottom of the page, there are three sections: "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 the "Search" button. The footer text reads "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

- Senate Bill 454 (2011) gave the California Energy Commission the authority to assess administrative civil penalties for violations of the appliance efficiency regulations.
- Title 20, Section 1609. Administrative Civil Penalties.
- “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.”
- Four violation types: failure to certify, subperformance, failure to mark properly, and providing material false information.



## Four violation types under Title 20

1608(a)(2)(C) Failure to certify.

1608(a)(2)(A) Does not meet the efficiency standard.

1608(a)(2)(B) Failure to mark properly.

1609(a)(3) Providing material false information.



## Who may be subject to penalties?

Anyone **selling** an appliance that is in violation of the *Appliance Efficiency Regulations*, including retailers, internet and catalog sellers, wholesalers, distributors, and contractors, may be subject to a monetary penalty.

The Energy Commission may also take appropriate legal and administrative actions, including removal of an appliance model number from the Appliance Efficiency Database, to restrain and discourage the sale of appliances that are in violation of the Appliance Efficiency Regulations.



## How are penalties calculated?

The Commission takes into account specific facts and circumstances—that may vary from case to case—and applies them to ten factors specified in the Regulations.

These factors include:

- The nature and seriousness of a violation.
- The efforts to correct a violation before the start of an enforcement action.
- Whether a penalty would impose an undue burden.



## 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.



# Resources

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)

Subscribe to the **Title 20 Compliance Assistance** listserv:

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

**Webinar** documents are located here:

<http://www.energy.ca.gov/appliances/forms/index.html#webdocs>



## 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.

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Model Number

## Appliance Type

**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.

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Select Category

- 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

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 Decisions Pending and Opportunities for Public Participation  
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# Search Appliance by:

## Company (Manufacturer)

**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

---

Select Manufacturer

Please Select

## Brand

**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

---

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

