State of California-Natural Resources Agency Gavin Newsom, Governor

California Energy Commission
1516 Ninth Street
Sacramento, Ca, 95814-5512
www.energy.ca.gov

Instructions for Federally Tested Televisions

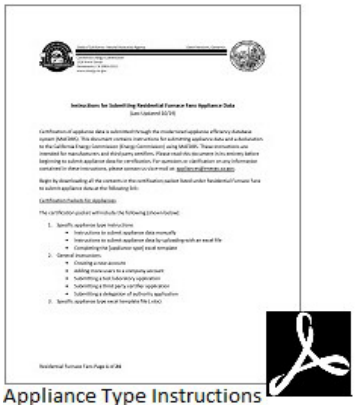
(Last Updated August 2024)

Introduction

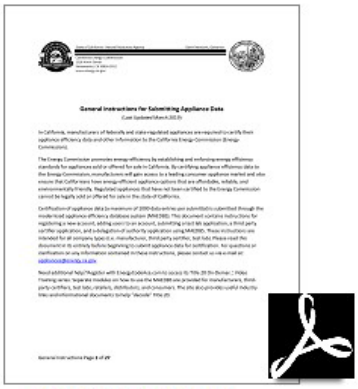
Certification of appliance data to the California Energy Commission (CEC) is done through the Modernized Appliance Efficiency Database System (MAEDbS). This document contains instructions for submitting appliance data and declarations to the CEC using MAEDbS. These instructions are for manufacturers and third-party certifiers. Please read this document in its entirety before submitting appliance data for certification. For questions or clarification on any information contained in these instructions, please contact us via e-mail at appliances@energy.ca.gov.

The certification packet you have downloaded includes the following (shown below):

1. These specific appliance type instructions
    - Instructions to submit appliance data manually
    - Instructions to complete and submit the Torchieres excel template
2. General instructions
    - Creating a new account
    - Adding additional users to a company account
    - Submitting a test laboratory application
    - Submitting a third-party certifier application
    - Submitting a delegation of authority application
3. Specific appliance type excel template file (.xlsx)



Appliance Type Instructions



General Instructions

Appliance Type Template

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Appliance data submitted to the MAEDBS must adhere to the following rules: **14**

Action [Action]: **16**

- **Manufacturer [Manufacturer]*:** **17**
- **Brand [Brand]*:** **17**
- **Model Number [ModelNumber]*:** **17**
- **Regulatory Status [RegulatoryStatus]:** **18**
- **Display Technology Type [01DisplayTechnologyType]*:** **19**
- **Viewable Screen Area (Total Square Inches) [02ViewableScreenArea_in2]:** **20**
- **Screen Size (Diag Inches) [03ScreenSize_in]:** **20**
- **Horizontal Screen Resolution (Horizontal Pixel Count) [04ScreenResolutionHorizontal_pixel]:** **20**
- **Vertical Screen Resolution (Vertical Pixel Count) [05ScreenResolutionVertical_pixel]:** **20**
- **High Dynamic Range 10 (HDR10) Capable (T/F) [06HighDynamicRange10Capable_HDR10]:** **21**
- **Automatic Brightness Control (ABC) Capable (T/F) [07AutomaticBrightnessControlCapable_ABC]:** **21**
- **8 Quick Start Capable (T/F) [8QuickStartCapable]:** **22**
- **Quick Start Enabled by Default (T/F) [09QuickStartDefaultEnabled]:** **22**
- **Internet Connection Capable (T/F) [10InternetConnectionCapable]:** **23**
- **Smart Wake Capable (T/F) [11SmartWakeCapable]:** **23**
- **Default SDR PPS: ABC Enabled by Default (T/F) [12Default_SDR_PPS_ABCDefaultEnabled]:** **24**

Required if Automatic Brightness Control (ABC) capable is true, otherwise leave blank. **24**

- **ABC Enabled by Default: On Mode Power at Default Backlight Level with ABC Off (Default SDR PPS) (watts)** [13DfSDR_DfABC_ABCOff_DfBL_OnPwr_watts]:** **24**

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default SDR PPS) is true, otherwise leave blank. **24**

- **ABC Enabled by Default: On Dynamic Luminance at the Default Backlight Level with**

ABC Off (Default SDR PPS) (cd/m2) [14DfSDR_DfABC_ABCOff_DfBL_DyLumin_cdm2]: 25**

***Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default SDR PPS) is true, otherwise leave blank.* 25**

- **ABC Enabled by Default: On Mode Power at Approximately 4 Lux Ambient Light with ABC On (Default SDR PPS) (watts)** [15DfSDR_DfABC_ABCOn_4lux_OnPwr_watts]: . 25**

***Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default SDR PPS) is true, otherwise leave blank.* 25**

- **ABC Enabled by Default: On Mode Power at Approximately 17 Lux Ambient Light with ABC On (Default SDR PPS) (watts)** [16DfSDR_DfABC_ABCOn_17lux_OnPwr_watts]: 26**

***Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default SDR PPS) is true, otherwise leave blank.* 26**

- **ABC Enabled by Default: On Mode Power at Approximately 50 Lux Ambient Light with ABC On (Default SDR PPS) (watts)** [17DfSDR_DfABC_ABCOn_50lux_OnPwr_watts]: 26**

***Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default SDR PPS) is true, otherwise leave blank.* 26**

- **ABC Enabled by Default: On Mode Power at Approximately 140 Lux Ambient Light with ABC On (Default SDR PPS) (watts)** [18DfSDR_DfABC_ABCOn_140lux_OnPwr_watts]: 27**

***Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default SDR PPS) is true, otherwise leave blank.* 27**

- **ABC Enabled by Default: Dynamic Luminance at Approximately 4 Lux Ambient Light with ABC On (Default SDR PPS) (cd/m2)** [19DfSDR_DfABC_ABCOn_4lux_DyLumin_cdm2]: 27**

***Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default SDR PPS) is true, otherwise leave blank.* 27**

- **ABC Enabled by Default: Dynamic Luminance at Approximately 17 Lux Ambient Light with ABC On (Default SDR PPS) (cd/m2)** [20DfSDR_DfABC_ABCOn_17lux_DyLumin_cdm2]: 28**

***Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default SDR PPS) is true, otherwise leave blank.* 28**

- **ABC Enabled by Default: Dynamic Luminance at Approximately 50 Lux Ambient Light with ABC On (Default SDR PPS) (cd/m2)** [21DfSDR_DfABC_ABCOn_50lux_DyLumin_cdm2]: 28**

***Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default SDR PPS) is true, otherwise leave blank.* 28**

- **ABC Enabled by Default: Dynamic Luminance at Approximately 140 Lux Ambient Light with ABC On (Default SDR PPS) (cd/m2)** [22DfSDR_DfABC_ABCOn_140lux_DyLumin_cdm2]: 29**

***Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default SDR PPS) is true, otherwise leave blank.* 29**

- **ABC Not Enabled by Default: On Mode Power at Default Backlight Level with ABC Off (Default SDR PPS) (watts)** [23DfSDR_NoDfABC_ABCOff_DfBL_OnPwr_watts]: 29**

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default SDR PPS) is false, otherwise leave blank. **..... 29**

- **ABC Not Enabled by Default: On Mode Power at Minimum Backlight Level with ABC Off (Default SDR PPS) (watts)** [24DfSDR_NoDfABC_ABCOff_MinBL_OnPwr_watts]: 30**

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default SDR PPS) is false, otherwise leave blank. **..... 30**

- **ABC Not Enabled by Default: On Mode Power at Approximately Halfway Between Minimum and Default Level with ABC Off (Default SDR PPS) (watts)** [25DfSDR_NoDfABC_ABCOff_MidBL_OnPwr_watts]: 30**

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default SDR PPS) is false, otherwise leave blank. **..... 30**

- **ABC Not Enabled by Default: Dynamic Luminance at Default Backlight Level with ABC Off (Default SDR PPS) (cd/m2)** [26DfSDR_NoDfABC_ABCOff_DfBL_DyLumin_cdm2]: 31**

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default SDR PPS) is false, otherwise leave blank. **..... 31**

- **ABC Not Enabled by Default: Dynamic Luminance at Minimum Backlight Level with ABC Off (Default SDR PPS) (cd/m2)** [27DfSDR_NoDfABC_ABCOff_MinBL_DyLumin_cdm2]: 31**

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default SDR PPS) is false, otherwise leave blank. **..... 31**

- **ABC Not Enabled by Default: Dynamic Luminance at Approximately Halfway Between Minimum and Default Level with ABC Off (Default SDR PPS) (cd/m2)** [28DfSDR_NoDfABC_ABCOff_MidBL_DyLumin_cdm2]: 32**

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default SDR PPS) is false, otherwise leave blank. **..... 32**

- **Brightest SDR PPS: ABC Enabled by Default (T/F) [29Brightest_SDR_PPS_ABCDefaultEnabled]: 32**

Required if Automatic Brightness Control (ABC) capable is true, otherwise leave blank. **..... 32**

- **ABC Enabled by Default: On Mode Power at Default Backlight Level with ABC Off (Brightest SDR PPS) (watts)** [30BrSDR_DfABC_ABCOff_DfBL_OnPwr_watts]: 33**

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Brightest SDR PPS) is true, otherwise leave blank. **..... 33**

- **ABC Enabled by Default: On Dynamic Luminance at the Default Backlight Level with ABC Off (Brightest SDR PPS) (cd/m2)** [31BrSDR_DfABC_ABCOff_DfBL_DyLumin_cdm2]: 33**

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Brightest SDR PPS) is true, otherwise leave blank. **..... 33**

- **ABC Enabled by Default: On Mode Power at Approximately 4 Lux Ambient Light with**

ABC On (Brightest SDR PPS) (watts) [32BrSDR_DfABC_ABCOn_4lux_OnPwr_watts]: 34**

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Brightest SDR PPS) is true, otherwise leave blank. **..... 34**

- **ABC Enabled by Default: On Mode Power at Approximately 17 Lux Ambient Light with ABC On (Brightest SDR PPS) (watts)** [33BrSDR_DfABC_ABCOn_17lux_OnPwr_watts]: 34**

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Brightest SDR PPS) is true, otherwise leave blank. **..... 34**

- **ABC Enabled by Default: On Mode Power at Approximately 50 Lux Ambient Light with ABC On (Brightest SDR PPS) (watts)** [34BrSDR_DfABC_ABCOn_50lux_OnPwr_watts]: 35**

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Brightest SDR PPS) is true, otherwise leave blank. **..... 35**

- **ABC Enabled by Default: On Mode Power at Approximately 140 Lux Ambient Light with ABC On (Brightest SDR PPS) (watts)** [35BrSDR_DfABC_ABCOn_140lux_OnPwr_watts]: 35**

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Brightest SDR PPS) is true, otherwise leave blank. **..... 35**

- **ABC Enabled by Default: Dynamic Luminance at Approximately 4 Lux Ambient Light with ABC On (Brightest SDR PPS) (cd/m2)** [36BrSDR_DfABC_ABCOn_4lux_DyLumin_cdm2]: 36**

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Brightest SDR PPS) is true, otherwise leave blank. **..... 36**

- **ABC Enabled by Default: Dynamic Luminance at Approximately 17 Lux Ambient Light with ABC On (Brightest SDR PPS) (cd/m2)** [37BrSDR_DfABC_ABCOn_17lux_DyLumin_cdm2]: 36**

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Brightest SDR PPS) is true, otherwise leave blank. **..... 36**

- **ABC Enabled by Default: Dynamic Luminance at Approximately 50 Lux Ambient Light with ABC On (Brightest SDR PPS) (cd/m2)** [38BrSDR_DfABC_ABCOn_50lux_DyLumin_cdm2]: 37**

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Brightest SDR PPS) is true, otherwise leave blank. **..... 37**

- **ABC Enabled by Default: Dynamic Luminance at Approximately 140 Lux Ambient Light with ABC On (Brightest SDR PPS) (cd/m2)** [39BrSDR_DfABC_ABCOn_140lux_DyLumin_cdm2]: 37**

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Brightest SDR PPS) is true, otherwise leave blank. **..... 37**

- **ABC Not Enabled by Default: On Mode Power at Default Backlight Level with ABC Off (Brightest SDR PPS) (watts)** [40BrSDR_NoDfABC_ABCOff_DfBL_OnPwr_watts]: 38**

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Brightest SDR PPS) is false, otherwise leave blank. 38

- **ABC Not Enabled by Default: On Mode Power at Minimum Backlight Level with ABC Off (Brightest SDR PPS) (watts)** [41BrSDR_NoDfABC_ABCOff_MinBL_OnPwr_watts]:** 38

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Brightest SDR PPS) is false, otherwise leave blank. 38

- **ABC Not Enabled by Default: On Mode Power at Approximately Halfway Between Minimum and Default Level with ABC Off (Brightest SDR PPS) (watts)** [42BrSDR_NoDfABC_ABCOff_MidBL_OnPwr_watts]:** 39

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Brightest SDR PPS) is false, otherwise leave blank. 39

- **ABC Not Enabled by Default: Dynamic Luminance at Default Backlight Level with ABC Off (Brightest SDR PPS) (cd/m2)** [43BrSDR_NoDfABC_ABCOff_DfBL_DyLumin_cdm2]:** 39

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Brightest SDR PPS) is false, otherwise leave blank. 39

- **ABC Not Enabled by Default: Dynamic Luminance at Minimum Backlight Level with ABC Off (Brightest SDR PPS) (cd/m2)** [44BrSDR_NoDfABC_ABCOff_MinBL_DyLumin_cdm2]:** 40

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Brightest SDR PPS) is false, otherwise leave blank. 40

- **ABC Not Enabled by Default: Dynamic Luminance at Approximately Halfway Between Minimum and Default Level with ABC Off (Brightest SDR PPS) (cd/m2)** [45BrSDR_NoDfABC_ABCOff_MidBL_DyLumin_cdm2]:** 40

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Brightest SDR PPS) is false, otherwise leave blank. 40

- **Default HDR PPS: ABC Enabled by Default (T/F) [46Default_HDR_PPS_ABCDefaultEnabled]:** 41

Required if Automatic Brightness Control (ABC) capable is true and High Dynamic Range (HDR) Capable is true. Otherwise, leave blank. 41

- **ABC Enabled by Default: On Mode Power at Default Backlight Level with ABC Off (Default HDR PPS) (watts)** [47DfHDR_DfABC_ABCOff_DfBL_OnPwr_watts]:** 41

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default HDR PPS) is true, otherwise leave blank. 41

- **ABC Enabled by Default: On Dynamic Luminance at the Default Backlight Level with ABC Off (Default HDR PPS) (cd/m2)** [48DfHDR_DfABC_ABCOff_DfBL_DyLumin_cdm2]:** 42

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default HDR PPS) is true, otherwise leave blank. 42

- **ABC Enabled by Default: On Mode Power at Approximately 4 Lux Ambient Light with**

ABC On (Default HDR PPS) (watts) [49DfHDR_DfABC_ABCOn_4lux_OnPwr_watts]: 42**

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default HDR PPS) is true, otherwise leave blank. **.....42**

- **ABC Enabled by Default: On Mode Power at Approximately 17 Lux Ambient Light with ABC On (Default HDR PPS) (watts)** [50DfHDR_DfABC_ABCOn_17lux_OnPwr_watts]: 43**

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default HDR PPS) is true, otherwise leave blank. **.....43**

- **ABC Enabled by Default: On Mode Power at Approximately 50 Lux Ambient Light with ABC On (Default HDR PPS) (watts)** [51DfHDR_DfABC_ABCOn_50lux_OnPwr_watts]: 43**

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default HDR PPS) is true, otherwise leave blank. **.....43**

- **ABC Enabled by Default: On Mode Power at Approximately 140 Lux Ambient Light with ABC On (Default HDR PPS) (watts)** [52DfHDR_DfABC_ABCOn_140lux_OnPwr_watts]: 44**

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default HDR PPS) is true, otherwise leave blank. **.....44**

- **ABC Enabled by Default: Dynamic Luminance at Approximately 4 Lux Ambient Light with ABC On (Default HDR PPS) (cd/m2)** [53DfHDR_DfABC_ABCOn_4lux_DyLumin_cdm2]: 44**

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default HDR PPS) is true, otherwise leave blank. **.....44**

- **ABC Enabled by Default: Dynamic Luminance at Approximately 17 Lux Ambient Light with ABC On (Default HDR PPS) (cd/m2)** [54DfHDR_DfABC_ABCOn_17lux_DyLumin_cdm2]:.....45**

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default HDR PPS) is true, otherwise leave blank. **.....45**

- **ABC Enabled by Default: Dynamic Luminance at Approximately 50 Lux Ambient Light with ABC On (Default HDR PPS) (cd/m2)** [55DfHDR_DfABC_ABCOn_50lux_DyLumin_cdm2]:.....45**

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default HDR PPS) is true, otherwise leave blank. **.....45**

- **ABC Enabled by Default: Dynamic Luminance at Approximately 140 Lux Ambient Light with ABC On (Default HDR PPS) (cd/m2)** [56DfHDR_DfABC_ABCOn_140lux_DyLumin_cdm2]:.....46**

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default HDR PPS) is true, otherwise leave blank. **.....46**

- **ABC Not Enabled by Default: On Mode Power at Default Backlight Level with ABC Off (Default HDR PPS) (watts)** [57DfHDR_NoDfABC_ABCOff_DfBL_OnPwr_watts]:.....46**

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by

Default (Default HDR PPS) is false, otherwise leave blank. 46

- **ABC Not Enabled by Default: On Mode Power at Minimum Backlight Level with ABC Off (Default HDR PPS) (watts)** [58DfHDR_NoDfABC_ABCOff_MinBL_OnPwr_watts]: 47**

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default HDR PPS) is false otherwise leave blank. 47

- **ABC Not Enabled by Default: On Mode Power at Approximately Halfway Between Minimum and Default Level with ABC Off (Default HDR PPS) (watts)** [59DfHDR_NoDfABC_ABCOff_MidBL_OnPwr_watts]: 47**

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default HDR PPS) is false, otherwise leave blank. 47

- **ABC Not Enabled by Default: Dynamic Luminance at Default Backlight Level with ABC Off (Default HDR PPS) (cd/m2)** [60DfHDR_NoDfABC_ABCOff_DfBL_DyLumin_cdm2]: 48**

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default HDR PPS) is false, otherwise leave blank. 48

- **ABC Not Enabled by Default: Dynamic Luminance at Minimum Backlight Level with ABC Off (Default HDR PPS) (cd/m2)** [61DfHDR_NoDfABC_ABCOff_MinBL_DyLumin_cdm2]: 48**

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default HDR PPS) is false, otherwise leave blank. 48

- **ABC Not Enabled by Default: Dynamic Luminance at Approximately Halfway Between Minimum and Default Level with ABC Off (Default HDR PPS) (cd/m2)** [62DfHDR_NoDfABC_ABCOff_MidBL_DyLumin_cdm2]: 49**

Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default HDR PPS) is false, otherwise leave blank. 49

- **Type of Standby Mode Tested [63StandbyModeTypeTested]: 49**
- **Power Consumption in Standby Mode (watts) [64PowerConsumptionStandbyMode_watts]: 50**
- **Average On Mode Power (Watts) [65AverageOnModePower_watts]: 50**
- **Annual Energy Consumption (AEC) (kWh) [66AnnualEnergyConsumptionAEC_kWh]: 50**

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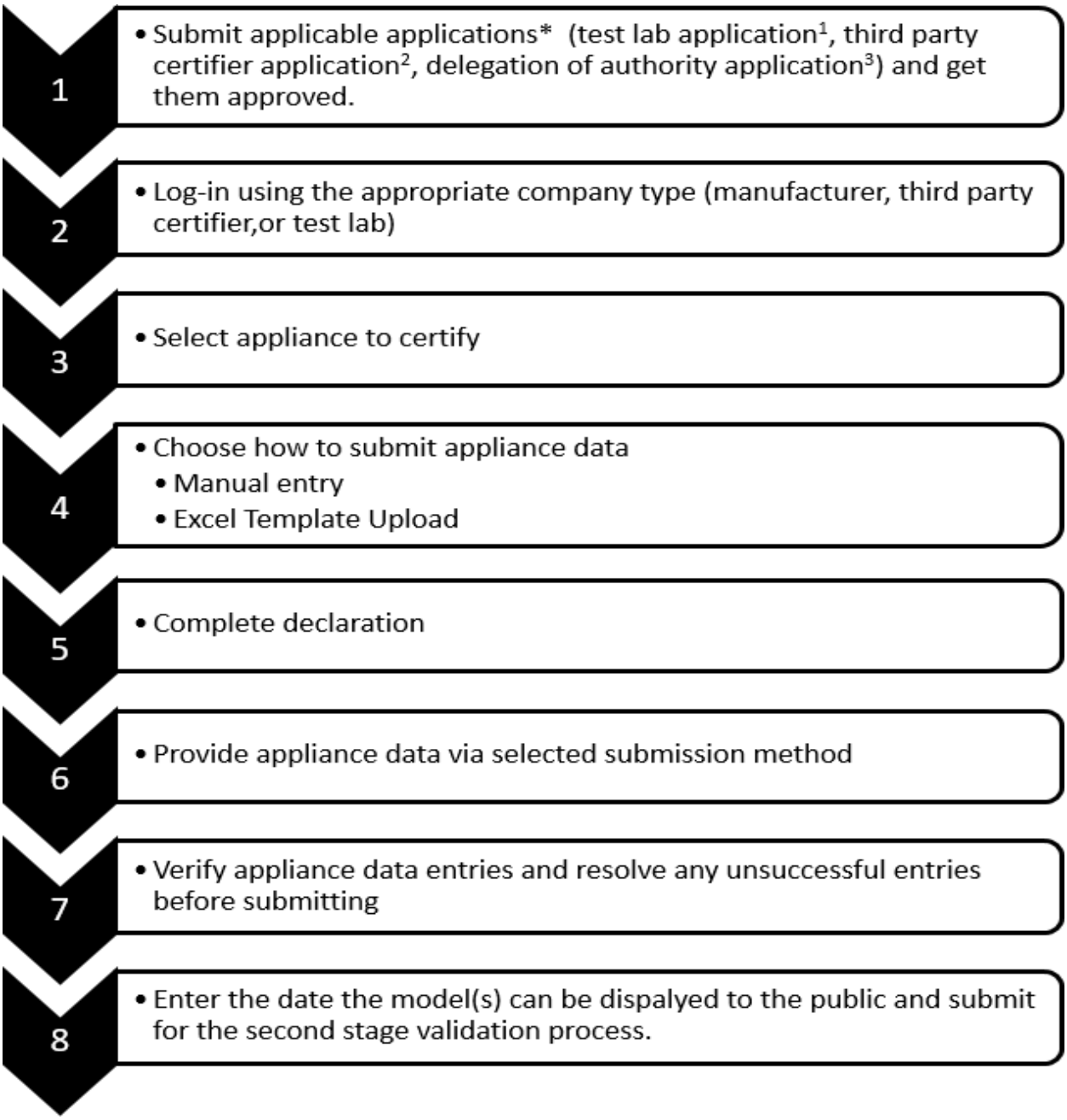
Process Overview of Submitting Appliance Data using MAEDbS (1st Stage)

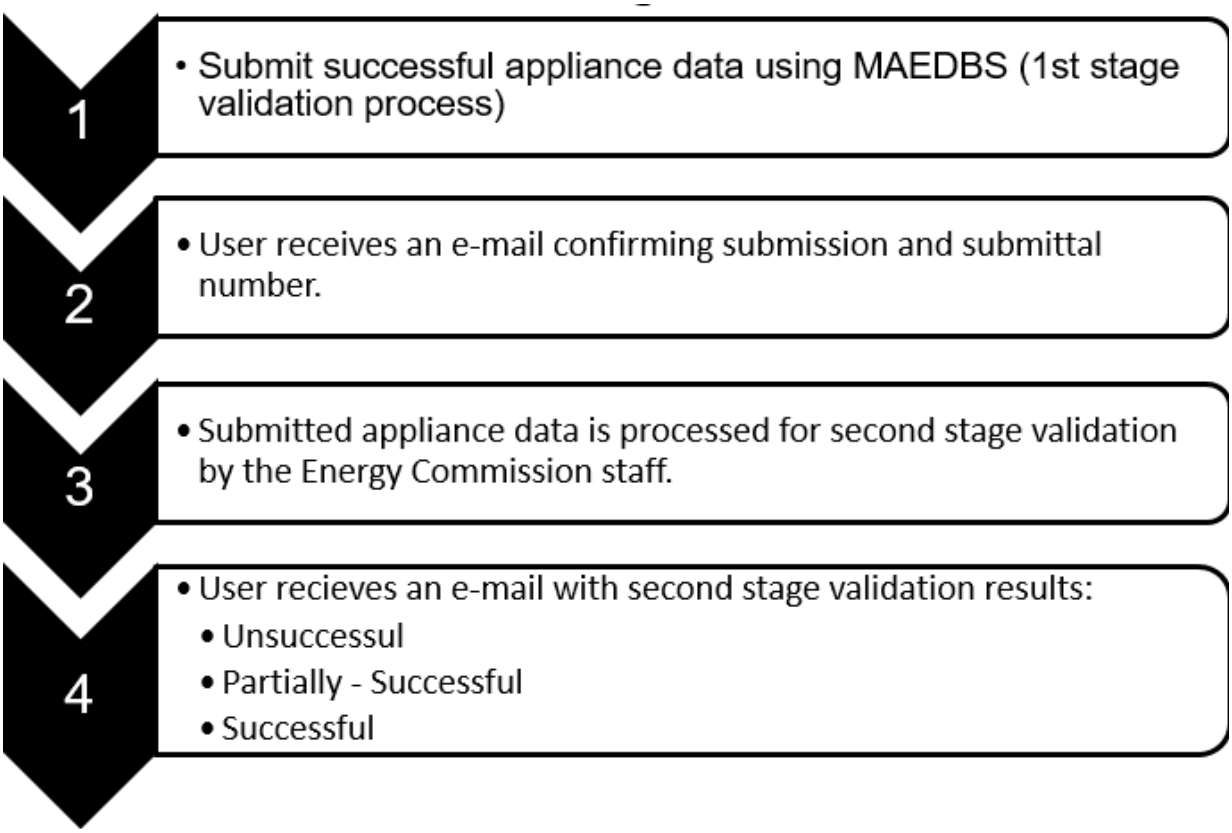


[1]The CEC must list a test laboratory before appliance data gathered by them may be certified. To do this the test lab must complete the test laboratory application. [2]A third-party Certifier application must be approved by the CEC before a Third- party Certifier may submit on a manufacturer's behalf.

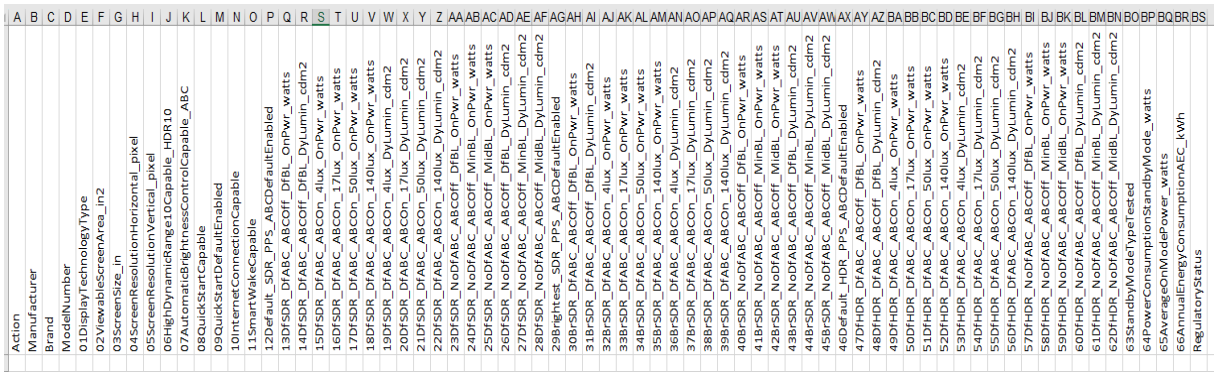
[3]If a manufacturer elects to provide data through a Third-party certifier, the manufacturer must submit a delegation of authority application giving the Third- party certifier permission to submit appliance data on behalf of the manufacturer.

*For more information on applications, refer to the general instructions in the certification packet.

Overview of the 2nd Stage Validation Process



Completing the Excel Template & Manual Entry Page



Action
Manufacturer
Brand
ModelNumber
01DisplayTechnologyType
02ViewableScreenArea_in2
03ScreenSize_in
04ScreenResolutionHorizontal_pixel
05ScreenResolutionVertical_pixel
06HighDynamicRange10Capable_HDR10
07AutomaticBrightnessControlCapable_ABC
08QuickStartCapable
09QuickStartDefaultEnabled
10InternetConnectionCapable
11SmartWakeCapable
12Default_SDR_PPS_ABCDefaultEnabled
13DfSDR_DfABC_ABCOff_DfBL_OnPwr_watts
14DfSDR_DfABC_ABCOff_DfBL_DyLumin_cdm2
15DfSDR_DfABC_ABCOn_4lux_OnPwr_watts
16DfSDR_DfABC_ABCOn_17lux_OnPwr_watts
17DfSDR_DfABC_ABCOn_50lux_OnPwr_watts
18DfSDR_DfABC_ABCOn_140lux_OnPwr_watts
19DfSDR_DfABC_ABCOn_4lux_DyLumin_cdm2
20DfSDR_DfABC_ABCOn_17lux_DyLumin_cdm2
21DfSDR_DfABC_ABCOn_50lux_DyLumin_cdm2
22DfSDR_DfABC_ABCOn_140lux_DyLumin_cdm2
23DfSDR_NoDfABC_ABCOff_DfBL_OnPwr_watts
24DfSDR_NoDfABC_ABCOff_MinBL_OnPwr_watts
25DfSDR_NoDfABC_ABCOff_MidBL_OnPwr_watts
26DfSDR_NoDfABC_ABCOff_DfBL_DyLumin_cdm2
27DfSDR_NoDfABC_ABCOff_MinBL_DyLumin_cdm2
28DfSDR_NoDfABC_ABCOff_MidBL_DyLumin_cdm2
29Brightest_SDR_PPS_ABCDefaultEnabled
30BrSDR_DfABC_ABCOff_DfBL_OnPwr_watts
31BrSDR_DfABC_ABCOff_DfBL_DyLumin_cdm2
32BrSDR_DfABC_ABCOn_4lux_OnPwr_watts
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34BrSDR_DfABC_ABCOn_50lux_OnPwr_watts
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39BrSDR_DfABC_ABCOn_140lux_DyLumin_cdm2
40BrSDR_NoDfABC_ABCOff_DfBL_OnPwr_watts
41BrSDR_NoDfABC_ABCOff_MinBL_OnPwr_watts
42BrSDR_NoDfABC_ABCOff_MidBL_OnPwr_watts
43BrSDR_NoDfABC_ABCOff_DfBL_DyLumin_cdm2
44BrSDR_NoDfABC_ABCOff_MinBL_DyLumin_cdm2
45BrSDR_NoDfABC_ABCOff_MidBL_DyLumin_cdm2
46Default_HDR_PPS_ABCDefaultEnabled
47DfHDR_DfABC_ABCOff_DfBL_OnPwr_watts
48DfHDR_DfABC_ABCOff_DfBL_DyLumin_cdm2
49DfHDR_DfABC_ABCOn_4lux_OnPwr_watts
50DfHDR_DfABC_ABCOn_17lux_OnPwr_watts
51DfHDR_DfABC_ABCOn_50lux_OnPwr_watts
52DfHDR_DfABC_ABCOn_140lux_OnPwr_watts
53DfHDR_DfABC_ABCOn_4lux_DyLumin_cdm2
54DfHDR_DfABC_ABCOn_17lux_DyLumin_cdm2
55DfHDR_DfABC_ABCOn_50lux_DyLumin_cdm2
56DfHDR_DfABC_ABCOn_140lux_DyLumin_cdm2
57DfHDR_NoDfABC_ABCOff_DfBL_OnPwr_watts
58DfHDR_NoDfABC_ABCOff_MinBL_OnPwr_watts
59DfHDR_NoDfABC_ABCOff_MidBL_OnPwr_watts
60DfHDR_NoDfABC_ABCOff_DfBL_DyLumin_cdm2
61DfHDR_NoDfABC_ABCOff_MinBL_DyLumin_cdm2
62DfHDR_NoDfABC_ABCOff_MidBL_DyLumin_cdm2
63StandbyModeTypeTested
64PowerConsumptionStandbyMode_watts
65AveragedOnModePower_watts
66AnnualEnergyConsumptionAEC_kWh
RegulatoryStatus

To upload your data using the excel template, begin by downloading and completing the provided spreadsheet in the Federally Tested Televisions certification packet. The excel template included in the certification packet should look like this:

Note: Excel submittal template name cannot exceed 75 characters in length.

Appliance data submitted to the MAEDBS must adhere to the following rules:

- The file format must be Excel 2010 or higher (.xlsx) file.
- **Only one model per row is permissible**. Multiple models submitted in a single row will fail the entire submission.
- Only 1000 models per excel template file are permitted.
- Do not leave any blank rows between rows containing data.
- The top row (Row 1) must contain the prefilled column titles, starting at the top-left cell (cell A1).
- Do not change the column titles in the spreadsheet.
- All column titles must be present in the spreadsheet or the submission will fail.
- For numeric values, do not format the cell to 'round' to meet a desired number length, enter the value as described in the instructions below.
- Do not include any special characters (i.e. `!@#$%^&*/;?+-) unless otherwise indicated in the instructions.
- If you are adding and deleting the same model, do not include both the add and delete submissions in the same excel file. They must be submitted separately.

For manual entries, the manual data entry page should look like the image below for the appliance type.

Federally Tested Televisions

The following instructions are for completing the excel spreadsheet **and** the manual data entry page by entering the data needed to certify your appliance. These instructions are for the Televisions & Signage Displays appliance type only. Please read all these instructions carefully.

KEY: **Manual Entry Field Title [Excel Template Column Heading]:**

E: Excel template specific instructions

M: manual entry specific instructions

Action [Action]:

E: Enter the appropriate code in the column representing the action you are performing. Other entries not shown in the table below will be unsuccessful.

M: Select the appropriate code from the dropdown menu of options in the table below.

Code	Action	Description
A	Add	Adding a new model to the database
D	Delete	Deleting a model currently in the database
C	Change	Changing a model currently in the database

Important: For changes, the manufacturer name, model number, brand name, and all unchanged fields must match the original submission. Only fields with actual changes should differ from the original submission. For deletions, all unique fields are required and must match the original data submission. Unique fields will be identified with an asterisk (*) in the instructions.

- **Manufacturer [Manufacturer]*:**

  E: Enter the full name of the manufacturer as it appears in the database or in the company account.

  M: The manufacturer name is populated automatically using the information from the declaration.

- **Brand [Brand]*:**

  E: Enter the full name of the brand which will appear on the appliance and under which the appliance is sold. If both the manufacturer name and the brand name are identical, do not leave the brand field blank.

  M: Locate the brand name from the dropdown menu. If it does not appear, enter the full name of the brand which will appear on the appliance and under which the appliance is sold in the 'New Brand' field box.

- **Model Number [ModelNumber]*:**

  Enter the model number of the appliance as it will appear on the appliance itself (or on its packaging). Model numbers can have a maximum of one hundred (100) characters. Do not include information that is not part of the model number.

  Using asterisks as wildcards:

  Models that have identical data but different model numbers due to features unrelated to energy use can be certified with a single listing through the use of asterisks.

  An asterisk in a model number can represent any single character, including special characters and blanks. Note, though, that asterisks are the only wildcard that our system is able to recognize.

If you choose to use asterisks, use one asterisk for each character being replaced. Asterisks may not be used for the first four characters; the first four characters of a model number must always be entered. Lastly, asterisks should only replace the characters that are different between model numbers. For example, if your model comes in three different exterior finishes, it may have three different model numbers:

ZZ -179853-WHT, ZZ-179853-BLK, ZZ-179853-RED

You could use a single listing to cover all three colors by using asterisks for the characters that change, but that do not reflect energy use:

ZZ-179853-***

Remember, asterisks are appropriate only for models with identical data, and that one asterisk must be used for each character in the model number that can change.

- **Regulatory Status [RegulatoryStatus]:**

E: Enter the appropriate code representing the regulatory status. Other entries not shown in the table below will be unsuccessful.

M: Select the appropriate code from the dropdown menu of options in the table below.

Code	Regulatory Status
N	Non-Federally Regulated

- **Display Technology Type [01DisplayTechnologyType]*:**

  E: Enter the appropriate code in the column representing the display technology of the television being certified.

  Other entries not shown in the table below will result as an unsuccessful entry.

  M: Select the appropriate television type from the dropdown menu from the options in the table below.

Code	**Television Type**
OLED	OLED
L	Laser
LCoS	LCoS
LCDfb	LCD (flourescent backlight)
LEDtn	LED (TN)
LEDipspls	LED (IPS/PLS)
LEDva	LED (VA)
QLED	QLED
MinLED	Mini-LED
MicLED	Micro-LED
DLP	DLP
P	Plasma
CRT	CRT
OLED	OLED

- **Viewable Screen Area (Total Square Inches) [02ViewableScreenArea_in2]:**

  Enter the viewable screen area, in square inches. The entry must be a numeric value and should be reported to the nearest whole number.

- **Screen Size (Diag Inches) [03ScreenSize_in]:**

  Enter the diagonal screen size, in inches. The entry must be a numeric value and should be reported to the nearest whole number.

- **Horizontal Screen Resolution (Horizontal Pixel Count) [04ScreenResolutionHorizontal_pixel]:**

  Enter the horizontal screen resolution, in pixels. The entry must be a numeric value and should be reported to the nearest whole number.

- **Vertical Screen Resolution (Vertical Pixel Count) [05ScreenResolutionVertical_pixel]:**

  Enter the vertical screen resolution, in pixels. The entry must be a numeric value and should be reported to the nearest whole number.

- **High Dynamic Range 10 (HDR10) Capable (T/F) [06HighDynamicRange10Capable_HDR10]:**

  E: Enter the appropriate code in the column representing whether the unit is capable of high dynamic range. Other entries not shown in the table below will result as an unsuccessful entry.

  M: Select the appropriate option type from the dropdown menu from the options in the table below.

Code	Action	Description
T	True	Unit is High Dynamic Range 10 (HDR10) Capable.
F	False	Unit is **NOT** High Dynamic Range 10 (HDR10) Capable.

- **Automatic Brightness Control (ABC) Capable (T/F) [07AutomaticBrightnessControlCapable_ABC]:**

  E: Enter the appropriate code representing whether the unit is capable of automatic brightness control. Other entries not shown in the table below will result as an unsuccessful entry.

  M: Select the appropriate option type from the dropdown menu from the options in the table below.

Code	Action	Description
T	True	Unit is Automatic Brightness Control (ABC) Capable.
F	False	Unit is **NOT** Automatic Brightness Control (ABC) Capable.

- **8 Quick Start Capable (T/F) [8QuickStartCapable]:**

  E: Enter the appropriate code representing whether the unit is capable of quick start. Other entries not shown in the table below will result as an unsuccessful entry.

  M: Select the appropriate option type from the dropdown menu from the options in the table below.

Code	Action	Description
T	True	Unit is capable of Quick Start.
F	False	Unit is **NOT** capable of Quick Start.

- **Quick Start Enabled by Default (T/F) [09QuickStartDefaultEnabled]:**

  E: Enter the appropriate code representing whether the unit has quick start enabled by default or not. Other entries not shown in the table below will result as an unsuccessful entry.

  M: Select the appropriate option type from the dropdown menu from the options in the table below.

Code	Action	Description
T	True	Quick Start is Enabled by Default.
F	False	Quick Start is **NOT** Enabled by Default.

- **Internet Connection Capable (T/F) [10InternetConnectionCapable]:**

  E: Enter the appropriate code representing whether the unit is capable of an internet connection. Other entries not shown in the table below will result as an unsuccessful entry.

  M: Select the appropriate option from the dropdown menu from the options in the table below.

Code	Action	Description
T	True	Unit is capable of internet connection.
F	False	Unit is **NOT** capable of internet connection.

- **Smart Wake Capable (T/F) [11SmartWakeCapable]:**

  E: Enter the appropriate code representing whether the unit is capable of smart wake or not. Other entries not shown in the table below will result as an unsuccessful entry.

  M: Select the appropriate option from the dropdown menu from the options in the table below.

Code	Action	Description
T	True	Unit is capable of smart wake.
F	False	Unit is **not** capable of smart wake.

- **Default SDR PPS: ABC Enabled by Default (T/F) [12Default_SDR_PPS_ABCDefaultEnabled]:**

  Required if Automatic Brightness Control (ABC) capable is true, otherwise leave blank.

  E: Enter the appropriate code representing whether the unit has automatic brightness control enabled on the default SDR preset picture settings. Other entries not shown in the table below will result as an unsuccessful entry.

  M: Select the appropriate option from the dropdown menu from the options in the table below.

Code	Action	Description
T	True	Automatic brightness control is enabled by default on the default SDR preset picture settings.
F	False	Automatic brightness control is **not** enabled by default on the default SDR preset picture settings.

- **ABC Enabled by Default: On Mode Power at Default Backlight Level with ABC Off (Default SDR PPS) (watts)** [13DfSDR_DfABC_ABCOff_DfBL_OnPwr_watts]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default SDR PPS) is true, otherwise leave blank.

  Enter the on-mode power of the default SDR preset picture settings at default backlight level with automatic brightness control off, in watts, as determined using the appropriate test method. The entry must be a numeric value and can be reported up to two (2) decimal places.

- **ABC Enabled by Default: On Dynamic Luminance at the Default Backlight Level with ABC Off (Default SDR PPS) (cd/m2)** [14DfSDR_DfABC_ABCOff_DfBL_DyLumin_cdm2]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default SDR PPS) is true, otherwise leave blank.

  Enter the dynamic luminance of the default SDR preset picture settings at default backlight level with automatic brightness control off, in candela per square meter, as determined using the appropriate test method. The entry must be a numeric value and can be reported up to two (2) decimal places.

- **ABC Enabled by Default: On Mode Power at Approximately 4 Lux Ambient Light with ABC On (Default SDR PPS) (watts)** [15DfSDR_DfABC_ABCOn_4lux_OnPwr_watts]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default SDR PPS) is true, otherwise leave blank.

  Enter the on-mode power of the default SDR preset picture settings at approximately 4 lux ambient light with automatic brightness control on, in watts, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Enabled by Default: On Mode Power at Approximately 17 Lux Ambient Light with ABC On (Default SDR PPS) (watts)** [16DfSDR_DfABC_ABCOn_17lux_OnPwr_watts]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default SDR PPS) is true, otherwise leave blank.

  Enter the on-mode power of the default SDR preset picture settings at approximately 17 lux ambient light with automatic brightness control on, in watts, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Enabled by Default: On Mode Power at Approximately 50 Lux Ambient Light with ABC On (Default SDR PPS) (watts)** [17DfSDR_DfABC_ABCOn_50lux_OnPwr_watts]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default SDR PPS) is true, otherwise leave blank.

  Enter the on-mode power of the default SDR preset picture settings at approximately 50 lux ambient light with automatic brightness control on, in watts, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Enabled by Default: On Mode Power at Approximately 140 Lux Ambient Light with ABC On (Default SDR PPS) (watts)** [18DfSDR_DfABC_ABCOn_140lux_OnPwr_watts]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default SDR PPS) is true, otherwise leave blank.

  Enter the on-mode power of the default SDR preset picture settings at approximately 140 lux ambient light with automatic brightness control on, in watts, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Enabled by Default: Dynamic Luminance at Approximately 4 Lux Ambient Light with ABC On (Default SDR PPS) (cd/m2)** [19DfSDR_DfABC_ABCOn_4lux_DyLumin_cdm2]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default SDR PPS) is true, otherwise leave blank.

  Enter the dynamic luminance of the default SDR preset picture settings at approximately 4 lux ambient light with automatic brightness control on, in candela per square meter, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Enabled by Default: Dynamic Luminance at Approximately 17 Lux Ambient Light with ABC On (Default SDR PPS) (cd/m2)** [20DfSDR_DfABC_ABCOn_17lux_DyLumin_cdm2]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default SDR PPS) is true, otherwise leave blank.

  Enter the dynamic luminance of the default SDR preset picture settings at approximately 17 lux ambient light with automatic brightness control on, in candela per square meter, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Enabled by Default: Dynamic Luminance at Approximately 50 Lux Ambient Light with ABC On (Default SDR PPS) (cd/m2)** [21DfSDR_DfABC_ABCOn_50lux_DyLumin_cdm2]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default SDR PPS) is true, otherwise leave blank.

  Enter the dynamic luminance of the default SDR preset picture settings at approximately 50 lux ambient light with automatic brightness control on, in candela per square meter, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Enabled by Default: Dynamic Luminance at Approximately 140 Lux Ambient Light with ABC On (Default SDR PPS) (cd/m2)** [22DfSDR_DfABC_ABCOn_140lux_DyLumin_cdm2]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default SDR PPS) is true, otherwise leave blank.

  Enter the dynamic luminance of the default SDR preset picture settings at approximately 140 lux ambient light with automatic brightness control on, in candela per square meter, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Not Enabled by Default: On Mode Power at Default Backlight Level with ABC Off (Default SDR PPS) (watts)** [23DfSDR_NoDfABC_ABCOff_DfBL_OnPwr_watts]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default SDR PPS) is <u>false</u>, otherwise leave blank.

  Enter the on-mode power of the default SDR preset picture settings at default backlight level with automatic brightness control off, in watts, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Not Enabled by Default: On Mode Power at Minimum Backlight Level with ABC Off (Default SDR PPS) (watts)** [24DfSDR_NoDfABC_ABCOff_MinBL_OnPwr_watts]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default SDR PPS) is false, otherwise leave blank.

  Enter the on-mode power of the default SDR preset picture settings at minimum backlight level with automatic brightness control off, in watts, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Not Enabled by Default: On Mode Power at Approximately Halfway Between Minimum and Default Level with ABC Off (Default SDR PPS) (watts)** [25DfSDR_NoDfABC_ABCOff_MidBL_OnPwr_watts]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default SDR PPS) is false, otherwise leave blank.

  Enter the on-mode power of the default SDR preset picture settings at approximately halfway between minimum and default level with automatic brightness control off, in watts, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Not Enabled by Default: Dynamic Luminance at Default Backlight Level with ABC Off (Default SDR PPS) (cd/m2)** [26DfSDR_NoDfABC_ABCOff_DfBL_DyLumin_cdm2]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default SDR PPS) is <u>false</u>, otherwise leave blank.

  Enter the dynamic luminance of the default SDR preset picture settings at default backlight level with automatic brightness control off, in candela per square meter, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Not Enabled by Default: Dynamic Luminance at Minimum Backlight Level with ABC Off (Default SDR PPS) (cd/m2)** [27DfSDR_NoDfABC_ABCOff_MinBL_DyLumin_cdm2]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default SDR PPS) is <u>false</u>, otherwise leave blank.

  Enter the dynamic luminance of the default SDR preset picture settings at minimum backlight level with automatic brightness control off, in candela per square meter, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Not Enabled by Default: Dynamic Luminance at Approximately Halfway Between Minimum and Default Level with ABC Off (Default SDR PPS) (cd/m2)** [28DfSDR_NoDfABC_ABCOff_MidBL_DyLumin_cdm2]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default SDR PPS) is <u>false</u>, otherwise leave blank.

  Enter the dynamic luminance of the default SDR preset picture settings at approximately halfway between minimum and default level with automatic brightness control off, in candela per square meter, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **Brightest SDR PPS: ABC Enabled by Default (T/F) [29Brightest_SDR_PPS_ABCDefaultEnabled]:**

  Required if Automatic Brightness Control (ABC) capable is true, otherwise leave blank.

  E: Enter the appropriate code representing whether the unit has automatic brightness control enabled on the default SDR preset picture settings. Other entries not shown in the table below will result as an unsuccessful entry.

  M: Select the appropriate option from the dropdown menu from the options in the table below.

Code	Action	Description
T	True	Automatic brightness control is enabled by default on the brightest SDR preset picture settings.
F	False	Automatic brightness control is **not** enabled by default on the brightest SDR preset picture settings.

- **ABC Enabled by Default: On Mode Power at Default Backlight Level with ABC Off (Brightest SDR PPS) (watts)** [30BrSDR_DfABC_ABCOff_DfBL_OnPwr_watts]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Brightest SDR PPS) is true, otherwise leave blank.

  Enter the on-mode power of the brightest SDR preset picture settings at default backlight level with automatic brightness control off, in watts, as determined using the appropriate test method. The entry must be a numeric value and can be reported up to two (2) decimal places.

- **ABC Enabled by Default: On Dynamic Luminance at the Default Backlight Level with ABC Off (Brightest SDR PPS) (cd/m2)** [31BrSDR_DfABC_ABCOff_DfBL_DyLumin_cdm2]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Brightest SDR PPS) is true, otherwise leave blank.

  Enter the dynamic luminance of the brightest SDR preset picture settings at default backlight level with automatic brightness control off, in candela per square meter, as determined using the appropriate test method. The entry must be a numeric value and can be reported up to two (2) decimal places.

- **ABC Enabled by Default: On Mode Power at Approximately 4 Lux Ambient Light with ABC On (Brightest SDR PPS) (watts)** [32BrSDR_DfABC_ABCOn_4lux_OnPwr_watts]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Brightest SDR PPS) is true, otherwise leave blank.

  Enter the on-mode power of the brightest SDR preset picture settings at approximately 4 lux ambient light with automatic brightness control on, in watts, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Enabled by Default: On Mode Power at Approximately 17 Lux Ambient Light with ABC On (Brightest SDR PPS) (watts)** [33BrSDR_DfABC_ABCOn_17lux_OnPwr_watts]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Brightest SDR PPS) is true, otherwise leave blank.

  Enter the on-mode power of the brightest SDR preset picture settings at approximately 17 lux ambient light with automatic brightness control on, in watts, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Enabled by Default: On Mode Power at Approximately 50 Lux Ambient Light with ABC On (Brightest SDR PPS) (watts)** [34BrSDR_DfABC_ABCOn_50lux_OnPwr_watts]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Brightest SDR PPS) is true, otherwise leave blank.

  Enter the on-mode power of the brightest SDR preset picture settings at approximately 50 lux ambient light with automatic brightness control on, in watts, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Enabled by Default: On Mode Power at Approximately 140 Lux Ambient Light with ABC On (Brightest SDR PPS) (watts)** [35BrSDR_DfABC_ABCOn_140lux_OnPwr_watts]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Brightest SDR PPS) is true, otherwise leave blank.

  Enter the on-mode power of the brightest SDR preset picture settings at approximately 140 lux ambient light with automatic brightness control on, in watts, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Enabled by Default: Dynamic Luminance at Approximately 4 Lux Ambient Light with ABC On (Brightest SDR PPS) (cd/m2)** [36BrSDR_DfABC_ABCOn_4lux_DyLumin_cdm2]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Brightest SDR PPS) is true, otherwise leave blank.

  Enter the dynamic luminance of the brightest SDR preset picture settings at approximately 4 lux ambient light with automatic brightness control on, in candela per square meter, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Enabled by Default: Dynamic Luminance at Approximately 17 Lux Ambient Light with ABC On (Brightest SDR PPS) (cd/m2)** [37BrSDR_DfABC_ABCOn_17lux_DyLumin_cdm2]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Brightest SDR PPS) is true, otherwise leave blank.

  Enter the dynamic luminance of the brightest SDR preset picture settings at approximately 17 lux ambient light with automatic brightness control on, in candela per square meter, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Enabled by Default: Dynamic Luminance at Approximately 50 Lux Ambient Light with ABC On (Brightest SDR PPS) (cd/m2)** [38BrSDR_DfABC_ABCOn_50lux_DyLumin_cdm2]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Brightest SDR PPS) is true, otherwise leave blank.

  Enter the dynamic luminance of the brightest SDR preset picture settings at approximately 50 lux ambient light with automatic brightness control on, in candela per square meter, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Enabled by Default: Dynamic Luminance at Approximately 140 Lux Ambient Light with ABC On (Brightest SDR PPS) (cd/m2)** [39BrSDR_DfABC_ABCOn_140lux_DyLumin_cdm2]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Brightest SDR PPS) is true, otherwise leave blank.

  Enter the dynamic luminance of the brightest SDR preset picture settings at approximately 140 lux ambient light with automatic brightness control on, in candela per square meter, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Not Enabled by Default: On Mode Power at Default Backlight Level with ABC Off (Brightest SDR PPS) (watts)** [40BrSDR_NoDfABC_ABCOff_DfBL_OnPwr_watts]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Brightest SDR PPS) is false, otherwise leave blank.

  Enter the on-mode power of the brightest SDR preset picture settings at default backlight level with automatic brightness control off, in watts, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Not Enabled by Default: On Mode Power at Minimum Backlight Level with ABC Off (Brightest SDR PPS) (watts)** [41BrSDR_NoDfABC_ABCOff_MinBL_OnPwr_watts]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Brightest SDR PPS) is false, otherwise leave blank.

  Enter the on-mode power of the brightest SDR preset picture settings at minimum backlight level with automatic brightness control off, in watts, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Not Enabled by Default: On Mode Power at Approximately Halfway Between Minimum and Default Level with ABC Off (Brightest SDR PPS) (watts)** [42BrSDR_NoDfABC_ABCOff_MidBL_OnPwr_watts]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Brightest SDR PPS) is false, otherwise leave blank.

  Enter the on-mode power of the brightest SDR preset picture settings at approximately halfway between minimum and default level with automatic brightness control off, in watts, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Not Enabled by Default: Dynamic Luminance at Default Backlight Level with ABC Off (Brightest SDR PPS) (cd/m2)** [43BrSDR_NoDfABC_ABCOff_DfBL_DyLumin_cdm2]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Brightest SDR PPS) is false, otherwise leave blank.

  Enter the dynamic luminance of the brightest SDR preset picture settings at default backlight level with automatic brightness control off, in candela per square meter, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Not Enabled by Default: Dynamic Luminance at Minimum Backlight Level with ABC Off (Brightest SDR PPS) (cd/m2)** [44BrSDR_NoDfABC_ABCOff_MinBL_DyLumin_cdm2]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Brightest SDR PPS) is false, otherwise leave blank.

  Enter the dynamic luminance of the brightest SDR preset picture settings at default minimum level with automatic brightness control off, in candela per square meter, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Not Enabled by Default: Dynamic Luminance at Approximately Halfway Between Minimum and Default Level with ABC Off (Brightest SDR PPS) (cd/m2)** [45BrSDR_NoDfABC_ABCOff_MidBL_DyLumin_cdm2]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Brightest SDR PPS) is false, otherwise leave blank.

  Enter the dynamic luminance of the brightest SDR preset picture settings at approximately halfway between minimum and default level with automatic brightness control off, in candela per square meter, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **Default HDR PPS: ABC Enabled by Default (T/F) [46Default_HDR_PPS_ABCDefaultEnabled]:**

  Required if Automatic Brightness Control (ABC) capable is true and High Dynamic Range (HDR) Capable is true. Otherwise, leave blank.

  E: Enter the appropriate code representing whether the unit has automatic brightness control enabled on the default HDR preset picture settings. Other entries not shown in the table below will result as an unsuccessful entry.

  M: Select the appropriate option from the dropdown menu from the options in the table below.

Code	Action	Description
T	True	Automatic brightness control is enabled by default on the default HDR preset picture settings.
F	False	Automatic brightness control is **not** enabled by default on the default HDR preset picture settings.

- **ABC Enabled by Default: On Mode Power at Default Backlight Level with ABC Off (Default HDR PPS) (watts)** [47DfHDR_DfABC_ABCOff_DfBL_OnPwr_watts]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default HDR PPS) is true, otherwise leave blank.

  Enter the on-mode power of the default HDR preset picture settings at default backlight level with automatic brightness control off, in watts, as determined using the appropriate test method. The entry must be a numeric value and can be reported up to two (2) decimal places.

- **ABC Enabled by Default: On Dynamic Luminance at the Default Backlight Level with ABC Off (Default HDR PPS) (cd/m2)** [48DfHDR_DfABC_ABCOff_DfBL_DyLumin_cdm2]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default HDR PPS) is true, otherwise leave blank.

  Enter the dynamic luminance of the default HDR preset picture settings at default backlight level with automatic brightness control off, in candela per square meter, as determined using the appropriate test method. The entry must be a numeric value and can be reported up to two (2) decimal places.

- **ABC Enabled by Default: On Mode Power at Approximately 4 Lux Ambient Light with ABC On (Default HDR PPS) (watts)** [49DfHDR_DfABC_ABCOn_4lux_OnPwr_watts]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default HDR PPS) is true, otherwise leave blank.

  Enter the on-mode power of the default HDR preset picture settings at approximately 4 lux ambient light with automatic brightness control on, in watts, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Enabled by Default: On Mode Power at Approximately 17 Lux Ambient Light with ABC On (Default HDR PPS) (watts)** [50DfHDR_DfABC_ABCOn_17lux_OnPwr_watts]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default HDR PPS) is true, otherwise leave blank.

  Enter the on-mode power of the default HDR preset picture settings at approximately 17 lux ambient light with automatic brightness control on, in watts, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Enabled by Default: On Mode Power at Approximately 50 Lux Ambient Light with ABC On (Default HDR PPS) (watts)** [51DfHDR_DfABC_ABCOn_50lux_OnPwr_watts]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default HDR PPS) is true, otherwise leave blank.

  Enter the on-mode power of the default HDR preset picture settings at approximately 50 lux ambient light with automatic brightness control on, in watts, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Enabled by Default: On Mode Power at Approximately 140 Lux Ambient Light with ABC On (Default HDR PPS) (watts)** [52DfHDR_DfABC_ABCOn_140lux_OnPwr_watts]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default HDR PPS) is true, otherwise leave blank.

  Enter the on-mode power of the default HDR preset picture settings at approximately 140 lux ambient light with automatic brightness control on, in watts, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Enabled by Default: Dynamic Luminance at Approximately 4 Lux Ambient Light with ABC On (Default HDR PPS) (cd/m2)** [53DfHDR_DfABC_ABCOn_4lux_DyLumin_cdm2]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default HDR PPS) is true, otherwise leave blank.

  Enter the dynamic luminance of the default HDR preset picture settings at approximately 4 lux ambient light with automatic brightness control on, in candela per square meter, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Enabled by Default: Dynamic Luminance at Approximately 17 Lux Ambient Light with ABC On (Default HDR PPS) (cd/m2)** [54DfHDR_DfABC_ABCOn_17lux_DyLumin_cdm2]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default HDR PPS) is true, otherwise leave blank.

  Enter the dynamic luminance of the default HDR preset picture settings at approximately 17 lux ambient light with automatic brightness control on, in candela per square meter, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Enabled by Default: Dynamic Luminance at Approximately 50 Lux Ambient Light with ABC On (Default HDR PPS) (cd/m2)** [55DfHDR_DfABC_ABCOn_50lux_DyLumin_cdm2]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default HDR PPS) is true, otherwise leave blank.

  Enter the dynamic luminance of the default HDR preset picture settings at approximately 50 lux ambient light with automatic brightness control on, in candela per square meter, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Enabled by Default: Dynamic Luminance at Approximately 140 Lux Ambient Light with ABC On (Default HDR PPS) (cd/m2)** [56DfHDR_DfABC_ABCOn_140lux_DyLumin_cdm2]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default HDR PPS) is true, otherwise leave blank.

  Enter the dynamic luminance of the default HDR preset picture settings at approximately 140 lux ambient light with automatic brightness control on, in candela per square meter, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Not Enabled by Default: On Mode Power at Default Backlight Level with ABC Off (Default HDR PPS) (watts)** [57DfHDR_NoDfABC_ABCOff_DfBL_OnPwr_watts]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default HDR PPS) is <u>false</u>, otherwise leave blank.

  Enter the on-mode power of the default HDR preset picture settings at default backlight level with automatic brightness control off, in watts, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Not Enabled by Default: On Mode Power at Minimum Backlight Level with ABC Off (Default HDR PPS) (watts)** [58DfHDR_NoDfABC_ABCOff_MinBL_OnPwr_watts]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default HDR PPS) is <u>false</u> otherwise leave blank.

  Enter the on-mode power of the default HDR preset picture settings at minimum backlight level with automatic brightness control off, in watts, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Not Enabled by Default: On Mode Power at Approximately Halfway Between Minimum and Default Level with ABC Off (Default HDR PPS) (watts)** [59DfHDR_NoDfABC_ABCOff_MidBL_OnPwr_watts]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default HDR PPS) is <u>false</u>, otherwise leave blank.

  Enter the on-mode power of the default HDR preset picture settings at approximately halfway between minimum and default level with automatic brightness control off, in watts, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Not Enabled by Default: Dynamic Luminance at Default Backlight Level with ABC Off (Default HDR PPS) (cd/m2)** [60DfHDR_NoDfABC_ABCOff_DfBL_DyLumin_cdm2]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default HDR PPS) is false, otherwise leave blank.

  Enter the dynamic luminance of the default HDR preset picture settings at default backlight level with automatic brightness control off, in candela per square meter, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Not Enabled by Default: Dynamic Luminance at Minimum Backlight Level with ABC Off (Default HDR PPS) (cd/m2)** [61DfHDR_NoDfABC_ABCOff_MinBL_DyLumin_cdm2]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default HDR PPS) is false, otherwise leave blank.

  Enter the dynamic luminance of the default HDR preset picture settings at minimum backlight level with automatic brightness control off, in candela per square meter, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **ABC Not Enabled by Default: Dynamic Luminance at Approximately Halfway Between Minimum and Default Level with ABC Off (Default HDR PPS) (cd/m2)** [62DfHDR_NoDfABC_ABCOff_MidBL_DyLumin_cdm2]:**

  Required if Automatic Brightness Control (ABC) capable is true AND ABC Enabled by Default (Default HDR PPS) is <u>false</u>, otherwise leave blank.

  Enter the dynamic luminance of the default HDR preset picture settings at approximately halfway between minimum and default level with automatic brightness control off, in candela per square meter, as determined using the appropriate test method. The entry must be a numeric value and can be reported to two (2) decimal places.

- **Type of Standby Mode Tested [63StandbyModeTypeTested]:**

- **E**: Enter the appropriate code representing whether the unit has automatic brightness control enabled on the default HDR preset picture settings. Other entries not shown in the table below will result as an unsuccessful entry.

- **M**: Select the appropriate option from the dropdown menu from the options in the table below.

Code	Description
SSWE	Standby with Smart Wake Enabled
SIC	Standby with Internet Connection
S	Standby without Internet Connection

- **Power Consumption in Standby Mode (watts) [64PowerConsumptionStandbyMode_watts]:**

  Enter the power consumption in standby mode with internet connection enabled, in watts, as determined using the appropriate test method. The entry must be a numeric value and can be reported up to one (1) decimal place.

- **Average On Mode Power (Watts) [65AverageOnModePower_watts]:**

  Enter the average on mode power, in watts, as determined using the appropriate test method. The entry must be a numeric value and can be reported up to two (2) decimal places.

- **Annual Energy Consumption (AEC) (kWh) [66AnnualEnergyConsumptionAEC_kWh]:**

  Enter the annual energy consumption, in kilowatt-hours, as determined using the appropriate test method. The entry must be a numeric value and can be reported up to two (2) decimal places.

*** Some of the field names have been shortened from the Table X version. Full Table X field names, in order, are as follows:*

Table X Field Name
Display Technology Type
Viewable Screen Area (total square inches)
Screen Size (diagonal inches)
Screen Resolution (horizontal pixel count)
Screen Resolution (vertical pixel count)
High Dynamic Range 10 (HDR10) Capable
Automatic Brightness Control (ABC) Capable
Quick Start Capable
Quick Start Enabled by Default
Internet Connection Capable
Smart Wake Capable
Default SDR PPS: ABC Enabled by Default
Default SDR PPS: If ABC Enabled by Default, On Mode Power (watts) at the Default Backlight Level with ABC off
Default SDR PPS: If ABC Enabled by Default, Dynamic Luminance (cd/m2) at the Default Backlight Level with ABC Off
Default SDR PPS: If ABC Enabled by Default, On Mode Power (watts) at Approximately 4 lux Ambient Light with ABC On
Default SDR PPS: If ABC Enabled by Default, On Mode Power (watts) at Approximately 17 lux Ambient Light with ABC On
Default SDR PPS: If ABC Enabled by Default, On Mode Power (watts) at Approximately 50 lux Ambient Light with ABC On
Default SDR PPS: If ABC Enabled by Default, On Mode Power (watts) at Approximately 140 lux Ambient Light with ABC On
Default SDR PPS: If ABC Enabled by Default, Dynamic Luminance (cd/m2) at Approximately 4 lux Ambient Light with ABC On
Default SDR PPS: If ABC Enabled by Default, Dynamic Luminance (cd/m2) at Approximately 17 lux Ambient Light with ABC On
Default SDR PPS: If ABC Enabled by Default, Dynamic Luminance (cd/m2) at Approximately 50 lux Ambient Light with ABC On

Default SDR PPS: If ABC Enabled by Default, Dynamic Luminance (cd/m2) at Approximately 140 lux Ambient Light with ABC On
Default SDR PPS: If ABC Not Enabled by Default, On Mode Power (watts) at Default Backlight Level
Default SDR PPS: If ABC Not Enabled by Default, On Mode Power (watts) at Minimum Backlight Level with ABC Off
Default SDR PPS: If ABC Not Enabled by Default, On Mode Power (watts) at Approximately Halfway Between Minimum and Default Level with ABC Off
Default SDR PPS: If ABC Not Enabled by Default, Dynamic Luminance (cd/m2) at Default Backlight Level with ABC Off
Default SDR PPS: If ABC Not Enabled by Default, Dynamic Luminance (cd/m2) at Minimum Backlight Level with ABC Off
Default SDR PPS: If ABC Not Enabled by Default, Dynamic Luminance (cd/m2) at Approximately Halfway Between Minimum and Default Level with ABC Off
Brightest SDR PPS: ABC Enabled by Default
Brightest SDR PPS: If ABC Enabled by Default, On Mode Power (watts) at the Default Backlight Level with ABC Off
Brightest SDR PPS: If ABC Enabled by Default, Dynamic Luminance (cd/m2) at the Default Backlight Level with ABC Off
Brightest SDR PPS: If ABC Enabled by Default, On Mode Power (watts) at Approximately 4 lux Ambient Light with ABC On
Brightest SDR PPS: If ABC Enabled by Default, On Mode Power (watts) at Approximately 17 lux Ambient Light with ABC On
Brightest SDR PPS: If ABC Enabled by Default, On Mode Power (watts) at Approximately 50 lux Ambient Light with ABC On
Brightest SDR PPS: If ABC Enabled by Default, On Mode Power (watts) at Approximately 140 lux Ambient Light with ABC On
Brightest SDR PPS: If ABC Enabled by Default, Dynamic Luminance (cd/m2) at Approximately 4 lux Ambient Light with ABC On
Brightest SDR PPS: If ABC Enabled by Default, Dynamic Luminance (cd/m2) at Approximately 17 lux Ambient Light with ABC On
Brightest SDR PPS: If ABC Enabled by Default, Dynamic Luminance (cd/m2) at Approximately 50 lux Ambient Light with ABC On
Brightest SDR PPS: If ABC Enabled by Default, Dynamic Luminance (cd/m2) at Approximately 140 lux Ambient Light with ABC On
Brightest SDR PPS: If ABC Not Enabled by Default, On Mode Power (watts) at Default Backlight Level
Brightest SDR PPS: If ABC Not Enabled by Default, On Mode Power (watts) at Minimum Backlight Level with ABC Off

Brightest SDR PPS: If ABC Not Enabled by Default, On Mode Power (watts) at Approximately Halfway Between Minimum and Default Level with ABC Off
Brightest SDR PPS: If ABC Not Enabled by Default, Dynamic Luminance (cd/m2) at Default Backlight Level with ABC Off
Brightest SDR PPS: If ABC Not Enabled by Default, Dynamic Luminance (cd/m2) at Minimum Backlight Level with ABC Off
Brightest SDR PPS: If ABC Not Enabled by Default, Dynamic Luminance (cd/m2) at Approximately Halfway Between Minimum and Default Level with ABC Off
Default HDR PPS: ABC Enabled by Default
Default HDR PPS: If ABC Enabled by Default, On Mode Power (watts) at the Default Backlight Level with ABC Off
Default HDR PPS: If ABC Enabled by Default, Dynamic Luminance (cd/m2) at the Default Backlight Level with ABC Off
Default HDR PPS: If ABC Enabled by Default, On Mode Power (watts) at Approximately 4 lux Ambient Light with ABC On
Default HDR PPS: If ABC Enabled by Default, On Mode Power (watts) at Approximately 17 lux Ambient Light with ABC On
Default HDR PPS: If ABC Enabled by Default, On Mode Power (watts) at Approximately 50 lux Ambient Light with ABC On
Default HDR PPS: If ABC Enabled by Default, On Mode Power (watts) at Approximately 140 lux Ambient Light with ABC On
Default HDR PPS: If ABC Enabled by Default, Dynamic Luminance (cd/m2) at Approximately 4 lux Ambient Light with ABC On
Default HDR PPS: If ABC Enabled by Default, Dynamic Luminance (cd/m2) at Approximately 17 lux Ambient Light with ABC On
Default HDR PPS: If ABC Enabled by Default, Dynamic Luminance (cd/m2) at Approximately 50 lux Ambient Light with ABC On
Default HDR PPS: If ABC Enabled by Default, Dynamic Luminance (cd/m2) at Approximately 140 lux Ambient Light with ABC On
Default HDR PPS: If ABC Not Enabled by Default, On Mode Power (watts) at Default Backlight Leve with ABC Off
Default HDR PPS: If ABC Not Enabled by Default, On Mode Power (watts) at Minimum Backlight Level with ABC Off
Default HDR PPS: If ABC Not Enabled by Default, On Mode Power (watts) at Approximately Halfway Between Minimum and Default Level with ABC Off
Default HDR PPS: If ABC Not Enabled by Default, Dynamic Luminance (cd/m2) at Default Backlight Level with ABC Off
Default HDR PPS: If ABC Not Enabled by Default, Dynamic Luminance (cd/m2) at Minimum Backlight Level with ABC Off

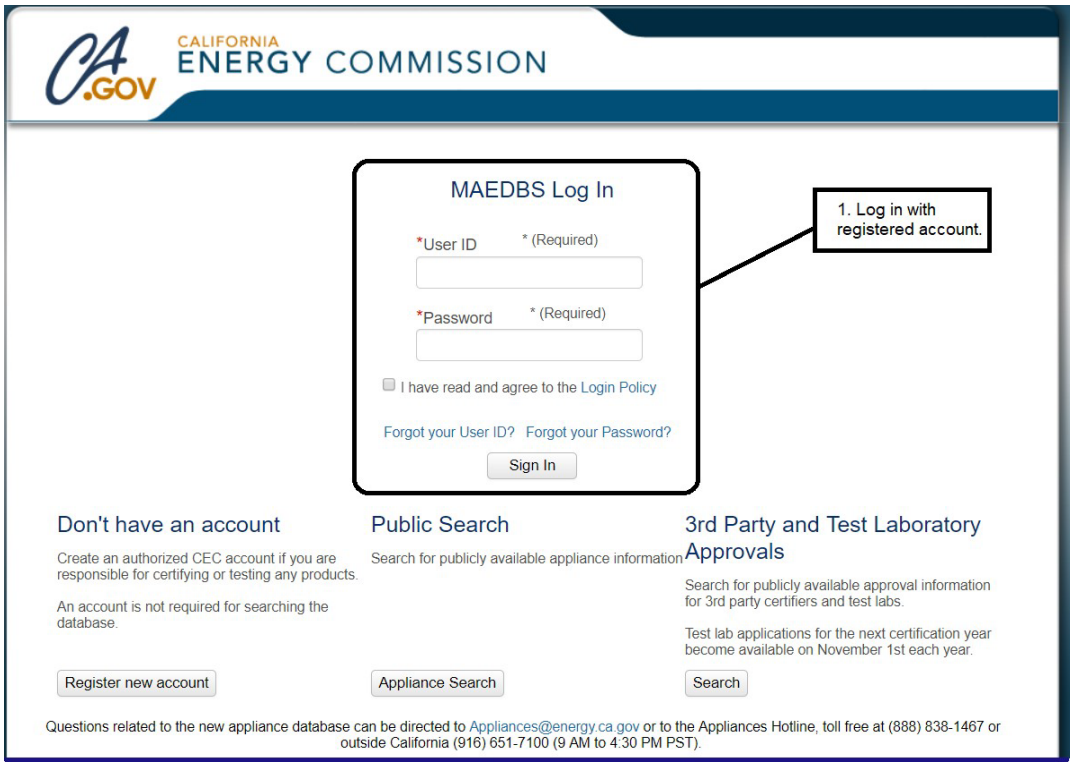
	Default HDR PPS: If ABC Not Enabled by Default, Dynamic Luminance (cd/m2) at Approximately Halfway Between Minimum and Default Level with ABC Off
	Type of Standby Mode Tested
	Power Consumption in Standby Mode (watts)
	Average On Mode Power (watts)
	Annual Energy Consumption (AEC) (kWh)

Submitting Appliance Data

Log-in

To begin making data submittals, start by signing in to your MAEDbs account.

- If you have not created an account, refer to the general instructions on how to create an account.
- If you have already created an account and the CEC has approved it, log in. Once in your registered account, **select the appropriate company type (if applicable)** and continue to the next section.



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:

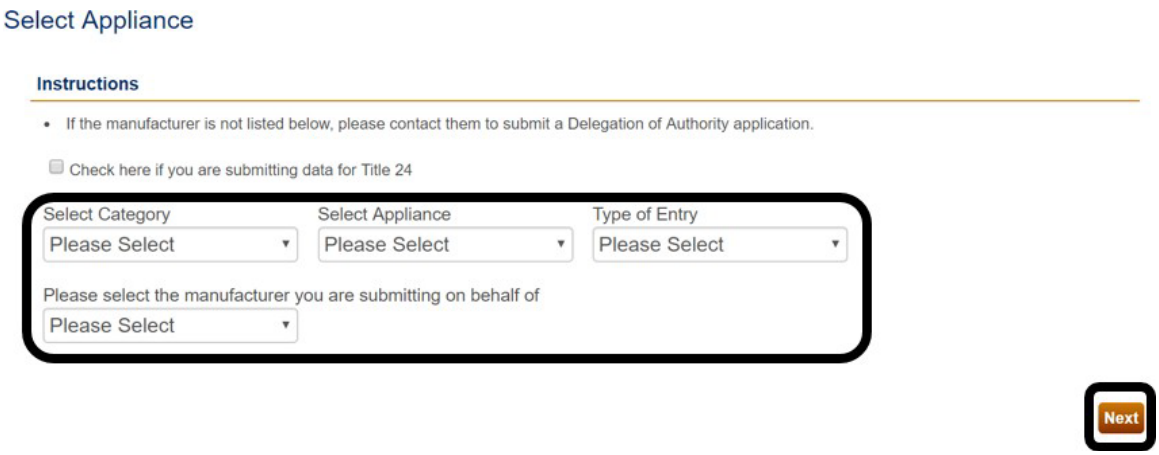
( ) Manufacturer ( ) Test Lab (•) 3rd Party Certifier

Selecting Appliance Type to Certify

After logging in, hover over the '**Applications**' tab and select the '**Submit Appliance Data**' link.

You will be redirected to the Select Appliance page (shown below).

Manufacturer User



Third-party Certifier User

Choose the following from the dropdown menus:

- **Category**: Electronics
- **Appliance**: Televisions & Signage Displays
- **Type of Entry**: Choose either ‘Manual’ or ‘Upload Excel’

  Note: Choose ‘Manual’ if you would like to input the data you have collected using the MAEDBS data entry form. Alternatively, Choose ‘Upload Excel’ if you would like to upload your data using the excel spreadsheet template.

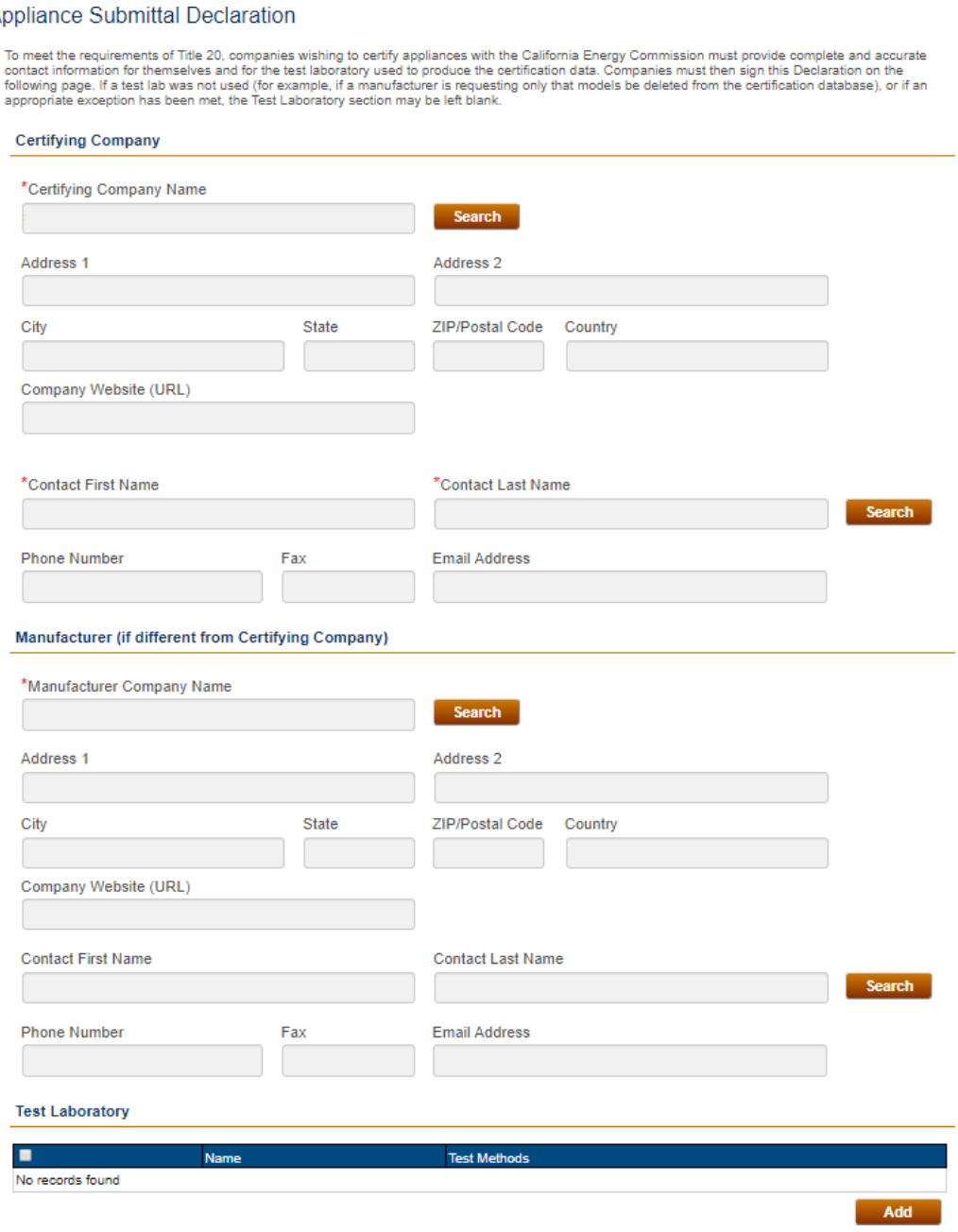
- **Manufacturer you are submitting on behalf of** (for third-party certifier user only): Select the manufacturer you are submitting appliance data on behalf of.

  Note: The manufacturer will only be available from the dropdown menu after the manufacturer has submitted a Delegation of Authority application in MAEDBS to allow the third-party certifier to submit appliance data on behalf of them.

After making your selections, click the '**Next**' button to begin the appliance submittal declaration.

Completing the Appliance Submittal Declaration

After selecting the appliance type and the type of entry, you will be redirected to the Appliance Submittal Declaration page.



With each appliance data submission, the appliance submittal declaration application must be completed. By completing and submitting the Declaration application, you are certifying that the appliance efficiency data you have collected is a true and accurate statement of your product's performance. After the Declaration, you will continue to submit data either by entering the information manually or uploading an excel spreadsheet.

The following set of instructions is for completing each section in the appliance submittal declaration.

Section 1 – Certifying Company

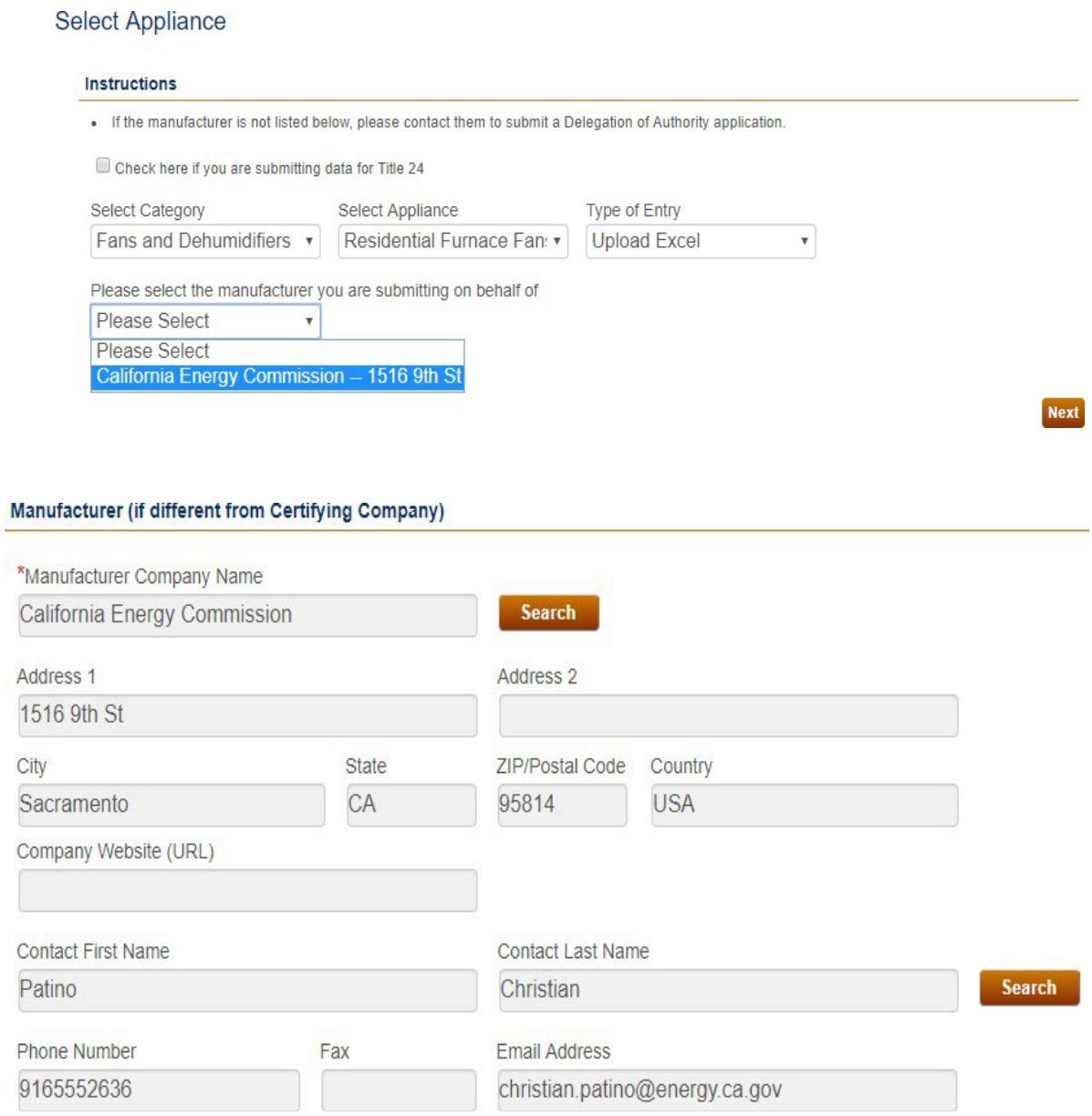
- The certifying company name and location information will be pre- populated with the profile information of the user logged in.

  The contact person information will also be pre-populated with the profile information of the user logged in. To change the contact person to another user associated with the certifying company, click '**Search**' button and select the person from the list. Only approved contact personnel will be appear in the list.

Section 2 – Manufacturer (if different from Certifying Company)

This section applies to third-party certifiers' only.

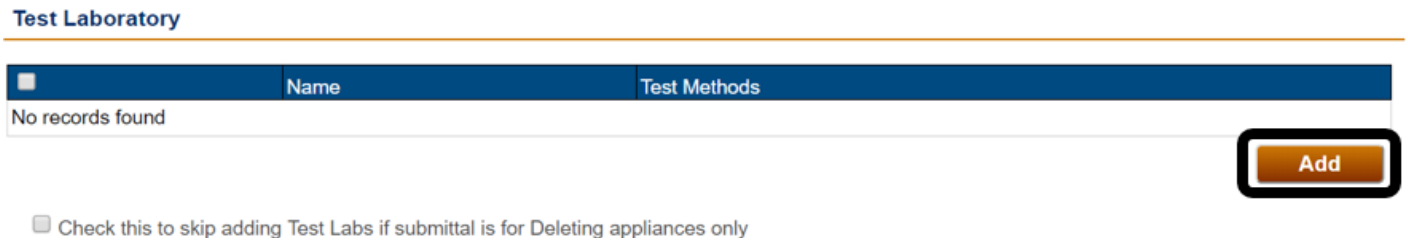
- The manufacturer name and location information will be pre-populated with the information of the manufacturer you selected when selecting your appliance type and type of entry. An example is shown below:



- The contact information is pre-populated to the default user associated with that company. To change the contact to another user associated with the company, click the '**Search**' button and select the person from the list. Only approved contact personnel will appear in the list.

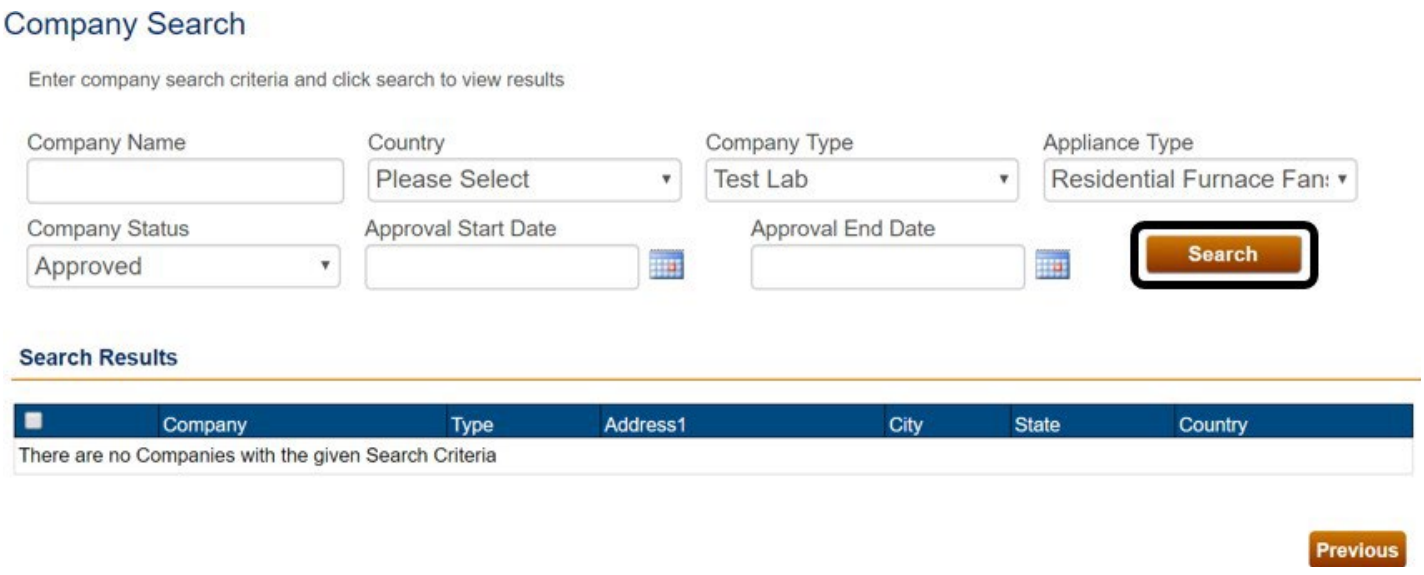
Section 3 – Test Laboratory

To add an approved test laboratory, click the '**Add**' button.

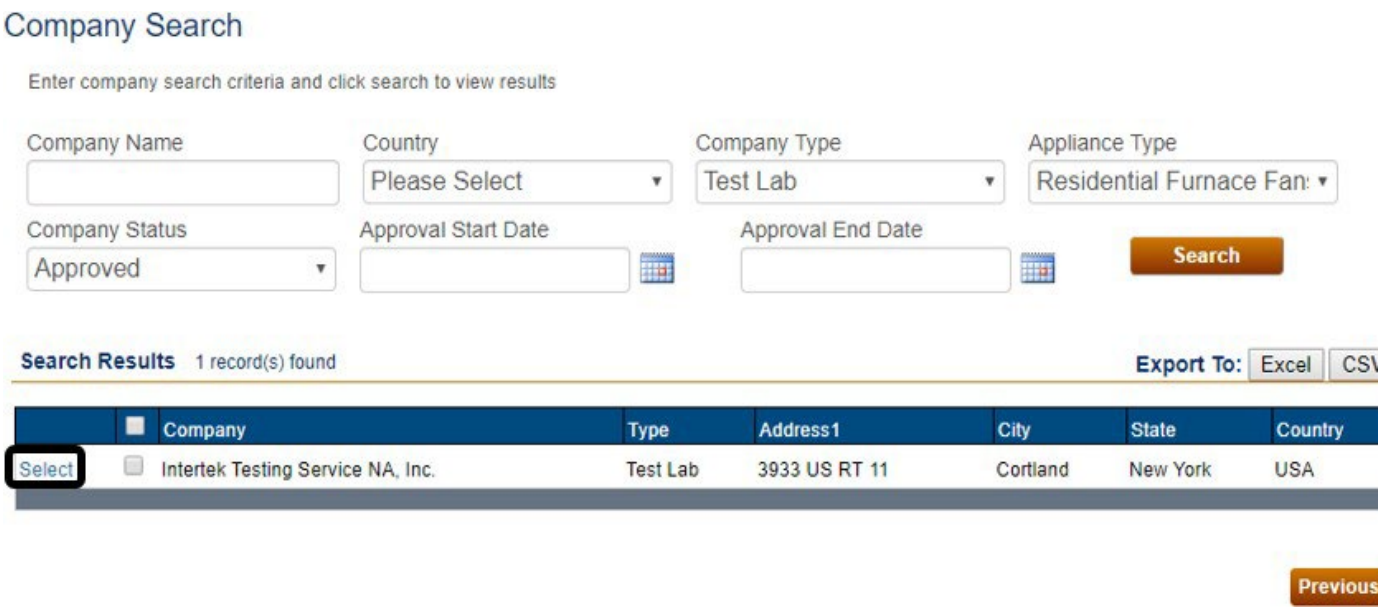


The Company Search page will appear:

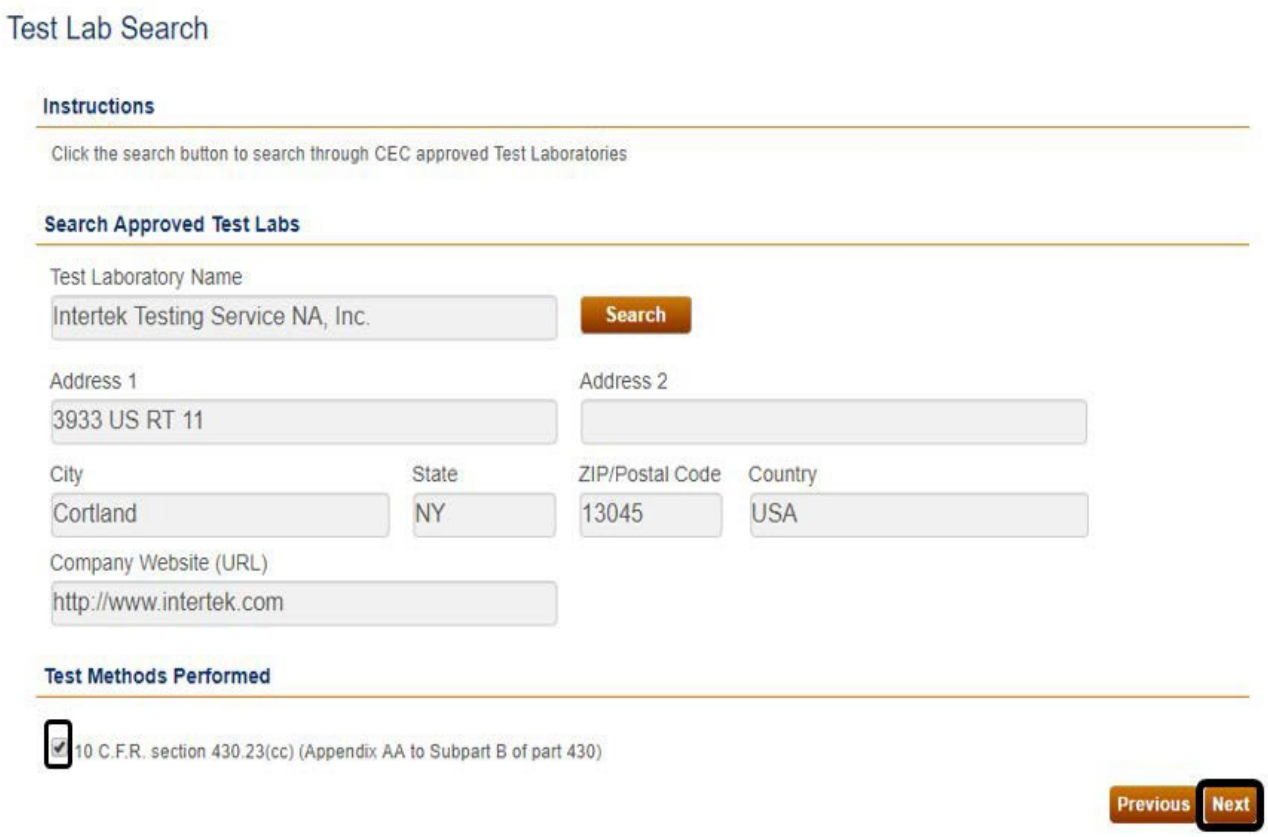
- Enter the name of the company or a variation of the company name in the Company Name box and click the '**Search**' button to locate the correct Test Laboratory.
- You can also narrow down your search by selecting the country and/or the appliance type.



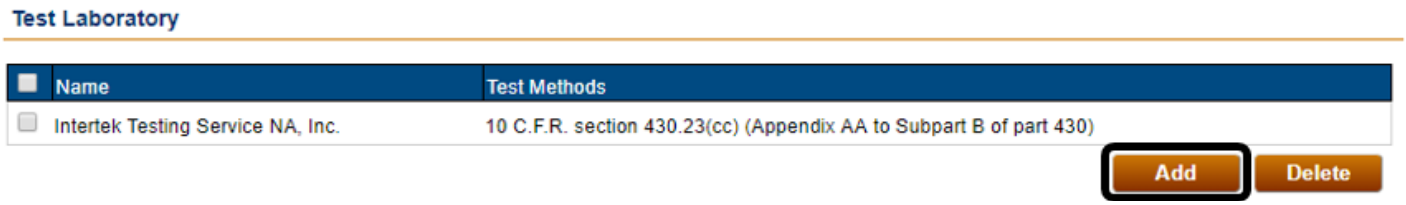
When you have located the approved test laboratory for the appliance data being certified click the '**Select**' link.



You will then be automatically redirected back to the Test Lab Search page. The test laboratory's information and the test method(s) they are listed for will appear. Select the appropriate test method in the Test Methods Performed section and the click '**Next**' button to continue.


Test Lab Search
Instructions
Click the search button to search through CEC approved Test Laboratories
Search Approved Test Labs
Test Laboratory Name
Intertek Testing Service NA, Inc.
Search
Address 1
3933 US RT 11
Address 2
City
Cortland
State
NY
ZIP/Postal Code
13045
Country
USA
Company Website (URL)
http://www.intertek.com
Test Methods Performed
10 C.F.R. section 430.23(cc) (Appendix AA to Subpart B of part 430)
Previous
Next

The approved test laboratory that was selected will then appear in the test laboratory section in the appliance submittal declaration page. To add more than one approved test laboratory click the '**Add**' button and repeat the previous steps.



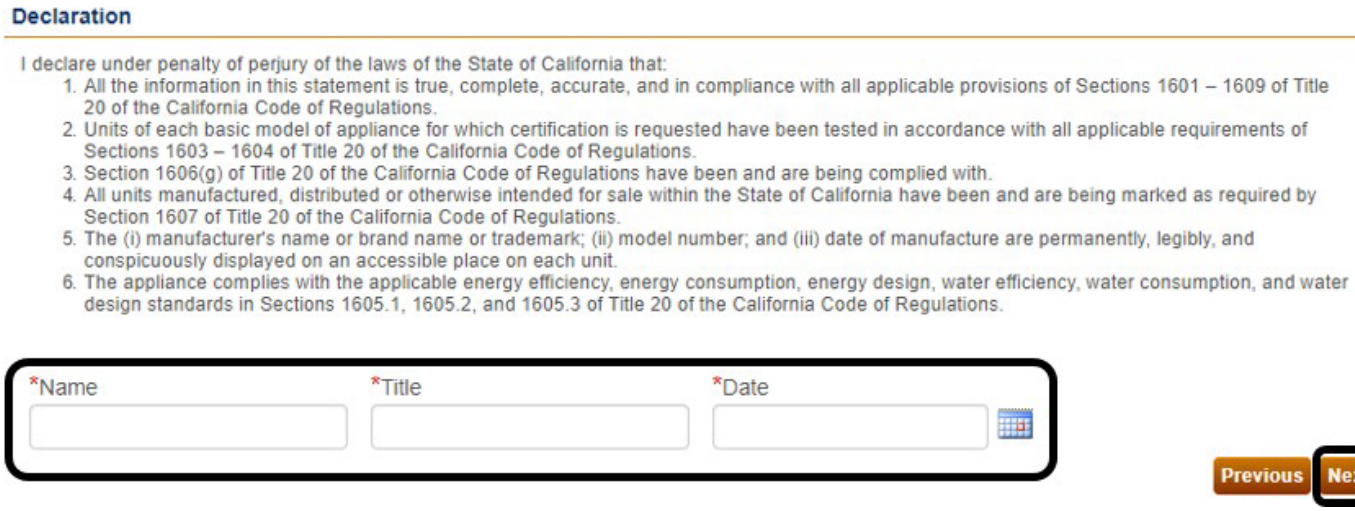
If your data submission is only for deleting appliance models currently in the database, a test laboratory is not required. Simply, check the box stating that you are deleting appliance models only.

Section 4 – Declaration

To complete the appliance submittal declaration application:

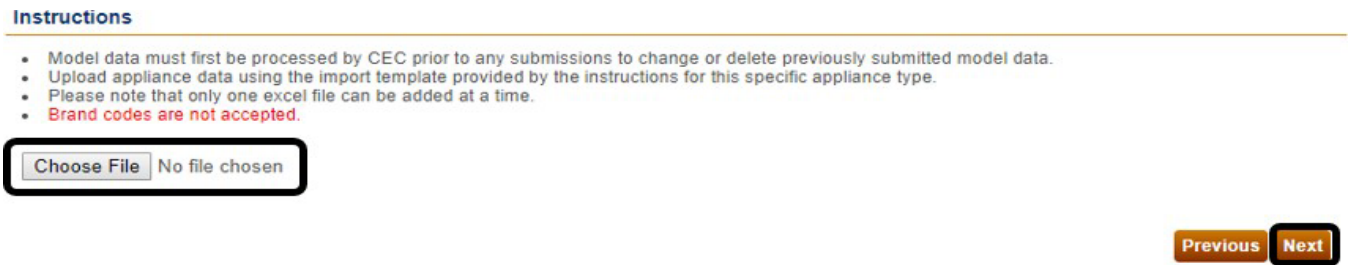
- Enter your full first name and last name
- Enter your job title
- Select the date

Then click the '**Next**' button to submit the appliance submittal declaration application and to begin submitting the appliance data.



Uploading Data via the Excel Template

After completing the appliance submittal declaration, you will be redirected to the Upload Document page (shown below). This page only appears if you selected '**Upload Excel**' while selecting the appliance type (the step before completing the submittal appliance declaration). Click the '**Choose File**' button to locate and upload your completed excel template. After locating and selecting your excel file, click the '**Next**' button to upload the appliance data to the MAEDBS.



After clicking the '**Next**' button, the system will upload the appliance data, which could take several minutes depending on the amount of data being uploaded. Once uploaded, you will be redirected to the Appliance Data List page, which will list all the appliance models in the excel file.

Continue to the Results of the First Stage Validation Process section in this document.

Uploading Data Manually

After completing the appliance submittal declaration, you will be redirected to the Appliance Type page (shown below). This page only appears if you selected the type of entry to be '**Manual**' while selecting the appliance type (the step before completing the submittal appliance declaration).

Federally Tested Televisions

Please refer to section Completing the Excel Template & Manual Entry Page in this document to complete the manual data entry page (shown above).

When the required entries are entered, click on the '**Save**' button to save the entry. You will then be redirected to the Appliance Data List page where you can continue to add more models.

Continue to the Results of the First Stage Validation Process section in this document.

Results of the First Stage Validation Process

On the Appliance Data List page, you are able to:

- Review your data before submitting,
- Modify you data by clicking the '**Select**' link next to a specific model,
- Delete a specific model by checking the box next to the model and clicking the '**Delete**' button, and
- Add a new model to your submission by clicking the '**Add**' button (this redirects you to the manual entry page; see the previous section for instructions).

Note: Multiple excel files cannot be submitted simultaneously.

When you are finished, click the '**Next**' button to submit the data for the first stage validation process.

Appliance Data List

		Action	Appliance Category	Appliance Type	Model #	Manufacturer	Brand
Select		Add	Fans and Dehumidifiers	ResidentialFurnaceFans	1	California Energy Commission	A
Select		Add	Fans and Dehumidifiers	ResidentialFurnaceFans	2	California Energy Commission	A
Select		Add	Fans and Dehumidifiers	ResidentialFurnaceFans	3	California Energy Commission	A
Select		Add	Fans and Dehumidifiers	ResidentialFurnaceFans	4	California Energy Commission	A
Select		Add	Fans and Dehumidifiers	ResidentialFurnaceFans	5	California Energy Commission	A
Select		Add	Fans and Dehumidifiers	ResidentialFurnaceFans	6	California Energy Commission	A
Select		Add	Fans and Dehumidifiers	ResidentialFurnaceFans	7	California Energy Commission	A
Select		Add	Fans and Dehumidifiers	ResidentialFurnaceFans	8	California Energy Commission	A
Select		Add	Fans and Dehumidifiers	ResidentialFurnaceFans	9	California Energy Commission	A
Select		Add	Fans and Dehumidifiers	ResidentialFurnaceFans	10	California Energy Commission	A

Delete Add

Previous Next

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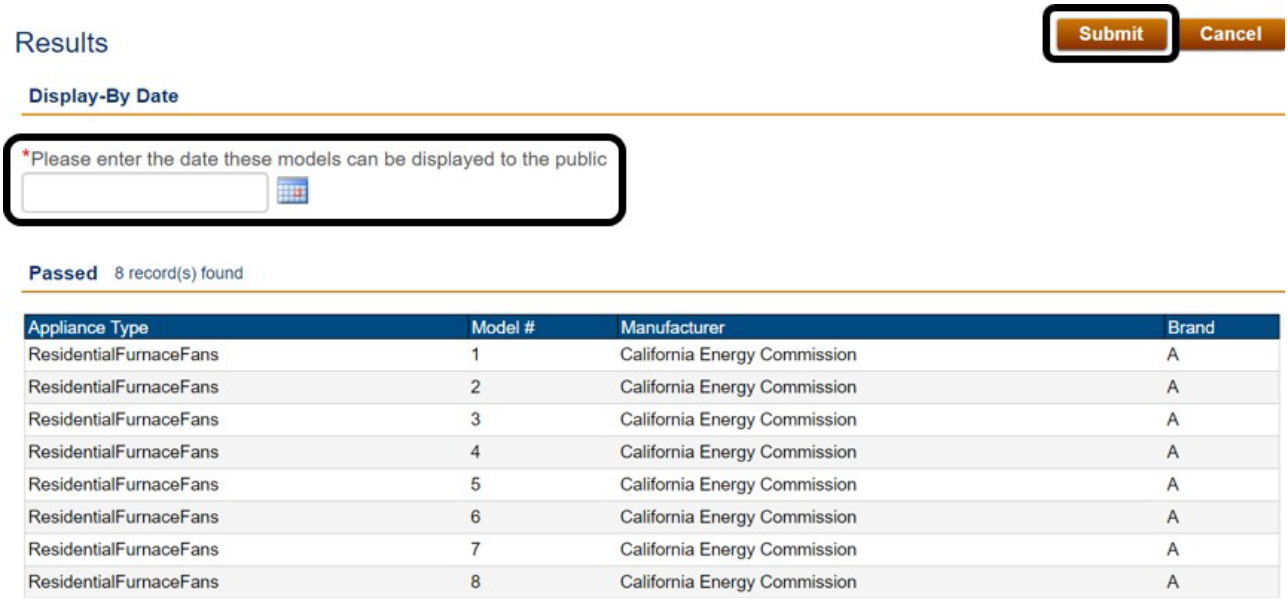
After the system processes the appliance data, you will be redirected to the results page. If all entries pass first stage:

- Select the date the models can be displayed to the public
- Then click the '**Submit**' button to submit the appliance data for the second stage validation process.



Appliance Type	Model #	Manufacturer	Brand
ResidentialFurnaceFans	1	California Energy Commission	A
ResidentialFurnaceFans	2	California Energy Commission	A
ResidentialFurnaceFans	3	California Energy Commission	A
ResidentialFurnaceFans	4	California Energy Commission	A
ResidentialFurnaceFans	5	California Energy Commission	A
ResidentialFurnaceFans	6	California Energy Commission	A
ResidentialFurnaceFans	7	California Energy Commission	A
ResidentialFurnaceFans	8	California Energy Commission	A

For cases that result in failed appliance data, please refer to the Troubleshooting section in this document.

First Stage vs. Second Stage

Validation First Stage Validation

- The first stage validation process is the process of submitting data through MAEDBS for quality check of the appliance data.

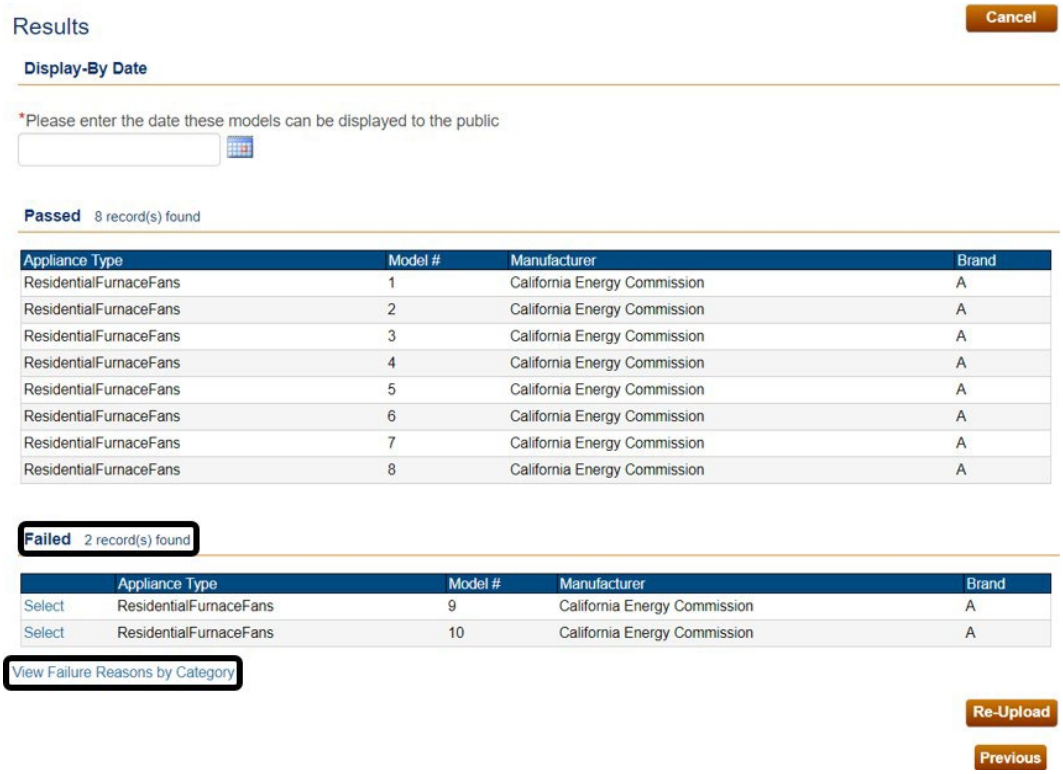
Second Stage Validation

- CEC staff next process successful submissions to the MAEDBS.

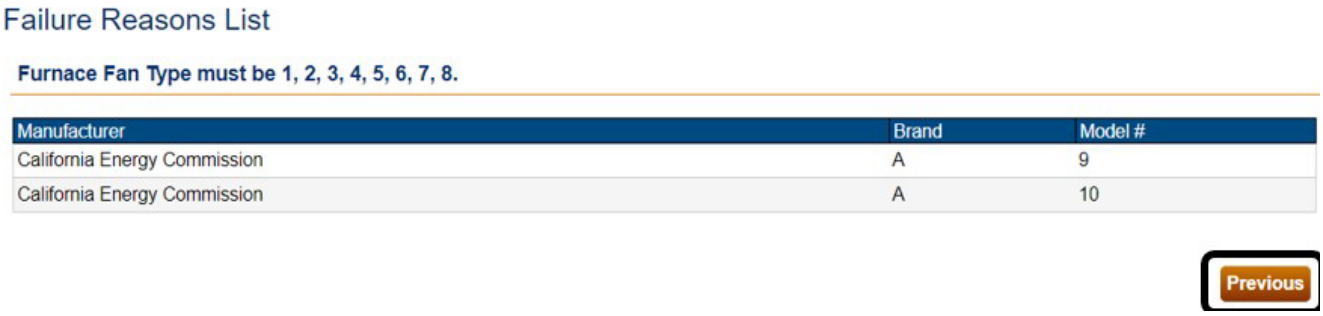
- The second stage validation process verifies if the appliance data meets federal and state standards.

Troubleshooting

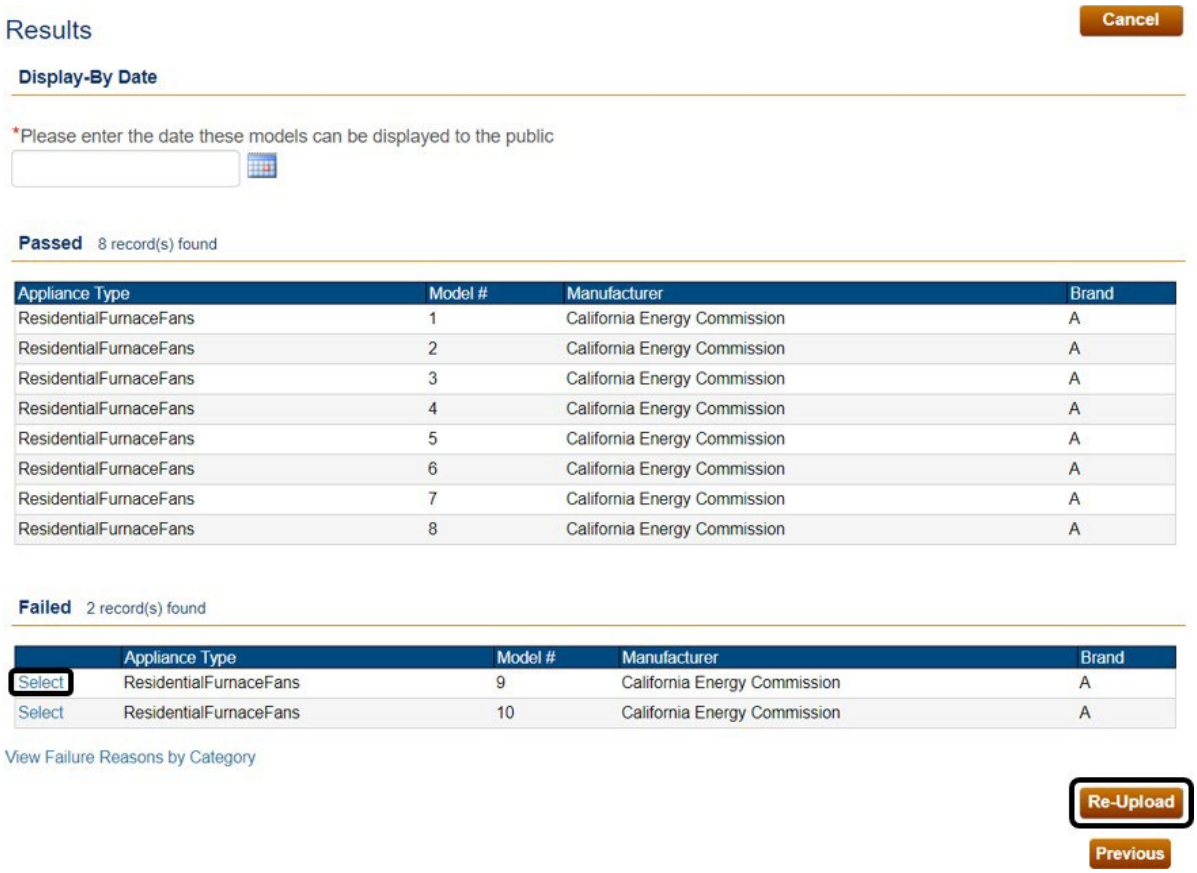
If some or all models fail, they will appear in the Failed section in the results page (shown below). The reasons for failing are applicable to both types of entries. To view the reasons why the model(s) failed, click the '**View Failure Reasons by Category**' link.



The Failure Reasons List page will appear (shown below) showing the reason(s) why a specific model was unsuccessful. After determining the reason of failure, if the data can be corrected, click the '**Previous**' button (bottom right of the page) to return to the '**Results**' page.



From the Results page, select '**Re-Upload**' to upload the corrected version of your excel file or click the '**Select**' next to the model you wish to correct. Using the latter will open the manual data entry page.



Many 'reasons of failure' can be corrected by following the instructions in the Completing the Excel Template & Manual Entry Page section in this document.

For more help you can also view our most frequently asked

questions document at http://energy.ca.gov/appliances/forms/index.html.

Contact Information

For any questions, assistance, or clarification, please contact us via email at appliances@energy.ca.gov or by calling our Appliances Hotline toll free at (888) 838-1467 or outside California at (916) 651-7100. Our normal operating hours are from Monday-Friday from 9am to 12pm and 1pm to 4:30pm.