

Manufacturer Role & Certification Requirements

Since 2018, nine states and the District of Columbia have joined California¹ in adopting a variety of appliance efficiency standards. These standards help consumers save energy, water, and money on their utility bills, while also helping states reduce greenhouse gas emissions and increase grid resilience and energy independence. Before these standards were adopted, states and efficiency advocates ensured that there were a wide variety of compliant products already available so that these standards minimize market disruption while maximizing consumer benefit.²

To make compliance with these state standards easier for the industry, [Northeast Energy Efficiency Partnerships](#) created the [State Appliance Standard Database \(SASD\)](#), a publicly accessible database of certified products which meet efficiency standards for the states listed in Table 1.³

Table 1 States included in the SASD

STATES	
Colorado	Oregon
Hawaii	Rhode Island
Maine	Vermont
Massachusetts	Washington
Nevada	Washington D.C

What This Means for the Industry

Manufacturers, distributors, retailers, and installers each have a responsibility to comply with appliance standards. The [SASD](#) hosts a series of Frequently Asked Questions (FAQs) under the Resources page to provide additional detail.

Figure 1. Responsibilities by Market Role



¹ For more information about California Appliance Efficiency Standards, visit the [California Energy Commission's website](#).

² More information on Appliance Standards can be found at <https://appliance-standards.org/>.

³ As of December 2021 – subject to change.

When Do Standards Become Effective?

Once an appliance standard is adopted—usually through the passage of a state bill or through state regulatory action—each state determines an effective date, which is the date that the industry must comply. The effective date can take two forms:

- **Manufactured by:** Compliance relies on the date the product was manufactured. If the product is manufactured on or after the effective date, it must comply with the standard. However, if the product was manufactured before the effective date, it is still legally allowed to be sold after the effective date.
- **Sold by:** Regardless of the date of manufacture, noncompliant products cannot be sold after this effective date. In some states, there may be additional stipulations or compliance effective dates for products professionally installed.

Table 2 Effective Date Meaning by State

System	States
Manufactured by	California, Maine, Oregon, Rhode Island, Washington
Sold by	Colorado, Hawaii, Massachusetts, Nevada, Vermont, Washington D.C.

Product Types in the SASD

Air Purifiers
 Commercial Dishwashers
 Commercial Fryers
 Commercial Hot Food Holding Cabinets
 Commercial Ovens
 Commercial Steam Cookers
 Electric Vehicle Supply Equipment
 Faucets
 Federally-exempt Linear Fluorescent Lamps
 Gas Fireplaces
 Showerheads
 Urinals
 Water Coolers

What is the State Appliance Standard Database (SASD)?

The SASD is a tool to help industry comply with state appliance efficiency standards. Manufacturers self-certify compliant products to this database, so if the model number is found in the database, it's legally allowed to be sold in the states where it meets their standards.

Table 3 shows the products with efficiency standards that must be certified to the SASD. To view a list of all state standards and their effective dates, visit SASD Frequently Asked Question (FAQ) #4. To learn how to certify your products, follow the steps detailed below.

How to Certify a Product to the SASD

Any manufacturer, distributor, retailer, or installer selling noncompliant products may be subject to enforcement. However, the SASD makes it simple to identify compliant products. In 5 easy steps, your products can be certified as compliant for sale.

1. Design the products to meet the states' performance requirements. To view each state's performance requirements, see SASD FAQ #4.
2. Test the regulated products using the required test methods.
3. Depending on the products that are being certified, create an account on the SASD and/or the California Energy Commission's [Modernized Appliance Efficiency Database System](#) (MAEDbS).
4. Once you have an account, follow the instructions to submit products information to the SASD (FAQ #1) and [MAEDbS](#).
5. The database administrators will verify that your product meets the requirements in various states. Once compliance is confirmed, your products will be listed on the respective database and available for retailers, distributors, installers, or even customers to search and verify compliance.

What is the MAEDbS?

The MAEDbS is the California equivalent of the SASD. If a state has an appliance standard that aligns with California, the product must be certified to the MAEDbS prior to selling in California or any other state with the same standard.

Frequently Asked Questions

If I manufacture a product listed above, does that mean it's regulated?

- Appliance standards set specific product definitions that may not be identical to all products on the market. To confirm whether the products you manufacture are regulated, review the scope of the standards by navigating to SASD FAQ #4

The states I sell to aren't listed. What does that mean?

- States that are not listed do not have regulations for the listed products as of December 2021. State standards are being adopted and updated regularly, so check back on the SASD regularly, at least every 6 months.

I manufacture a product that is not listed in the SASD. What does that mean?

- The SASD only includes a subset of regulated products in each of the states listed above. If a state standard aligns with California's Appliance Efficiency Standards, those products must be certified to the MAEDbS.
- To verify which database you need to certify to, review SASD FAQ #7.

How much time will it take for my product to be approved?

- You can expect to know the status of your submittal within 2 weeks of application.

What are the consequences of manufacturing or selling a noncompliant product in a state with a standard?

- Any manufacturer, distributor, retailer, or installer selling or offering for sale noncompliant products may be subject to financial penalties. Enforcement fines vary by state.
- Certification to the SASD or the MAEDbS, is required to prove compliance.

Where do these regulations not apply?

- Products that are sold in a state without efficiency standards.
- Products manufactured in a state with efficiency standards but sold in a state without efficiency standards.

Visit appliancestandards.com for more information and to start listing products on the SASD.