

JAN 18 2013

A BILL FOR AN ACT

RELATING TO HEALTH.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:

1 SECTION 1. The legislature finds that greenhouse gas
2 emissions have been shown to have a profound negative impact on
3 human health. Prolonged exposure to hydrocarbons contributes to
4 asthma, liver disease, lung disease, and cancer. Carbon
5 monoxide reduces the blood's ability to carry oxygen, and
6 overexposure may be fatal. Particulate matter in emissions
7 causes negative health effects, including but not limited to
8 respiratory disease and cancer.

9 Poor air quality can affect respiratory and cardiovascular
10 health and lead to illness and even death. The California Air
11 Resources Board staff estimates that diesel particulate matter
12 contributed to 3,500 deaths in 2005 and that there is a ten per
13 cent increase in the risk of premature death for each ten
14 microgram per meter increase in fine particulate matter. The
15 national ambient air quality standard for fine particulate
16 matter is thirty-five micrograms per meter.

17 It is estimated that in California, on average, 260,000
18 premature deaths per year are associated with short-term



1 exposure to ozone pollution and, among children under age
2 eighteen, an average of just over 93,000 hospital admissions for
3 respiratory disease and more than 35,000 emergency room visits
4 for asthma. Another study finds that attaining the federal
5 eight-hour ozone standard for fine particulate matter would
6 avoid almost 1,600 new cases of adult-onset chronic bronchitis
7 in the South Coast Air Basin and over 360 cases annually in the
8 San Joaquin Valley.

9 More than fifteen states have adopted or have announced
10 their intention to adopt the California environmental protection
11 agency standards for greenhouse gas emissions, which are
12 stricter guidelines than those currently in place by the federal
13 Environmental Protection Agency. Those states are: Arizona,
14 California, Connecticut, Delaware, Maine, Maryland,
15 Massachusetts, New Jersey, New Mexico, New York, Oregon,
16 Pennsylvania, Rhode Island, Vermont, and Washington. In
17 addition to this specific action to adopt California standards,
18 at least twenty-four other states are taking action to adopt
19 stricter vehicle emission standards.

20 The purpose of this Act is to enact legislation in Hawaii
21 that is similar to the California emission standards for cars
22 and light duty trucks.



1 SECTION 2. Chapter 342B, Hawaii Revised Statutes, is
2 amended by adding a new section to part II to be appropriately
3 designated and to read as follows:

4 "§342B- Emission standards for motor vehicles.
5 Beginning January 1, 2015, the emission standards for motor
6 vehicles, as defined in section 291C-1, shall be the same as low
7 emission vehicle standards adopted by the California
8 Environmental Protection Agency in January 2012 for model years
9 2015-2025, as contained in table 6 for low-emission vehicle III
10 (LEV III) emission standards, as amended; table 7 for low-
11 emission vehicle III particulate matter emission standards, as
12 amended; and table 8 for phase-in schedule for LEV III
13 particulate matter standards, as amended."

14 SECTION 3. New statutory material is underscored.

15 SECTION 4. This Act shall take effect upon its approval.

16

INTRODUCED BY: Josh Pua
Ron De
Malik
Erzanne Chun Oallad
Clarena K. Miskhan

S.B. NO. 647

Report Title:

Health; Motor Vehicle Emission Standards

Description:

Adopts the California environmental protection agency emission standards for low-emission vehicle standards beginning January 1, 2015.

The summary description of legislation appearing on this page is for informational purposes only and is not legislation or evidence of legislative intent.

