
A BILL FOR AN ACT

RELATING TO CERTIFICATION OF GAS TANKLESS WATER HEATERS.

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

1 SECTION 1. The legislature finds that certification
2 requirements for gas and non-gas tankless, on-demand water
3 heater options for a solar water heating system waiver
4 application must be revised to be more accurate.

5 The purpose of this Act is to provide quality assurance by
6 requiring certification of gas and non-gas tankless, on-demand
7 water heater devices by a North American certification
8 organization.

9 SECTION 2. Section 196-6.5, Hawaii Revised Statutes, is
10 amended by amending subsection (a) to read as follows:

11 "(a) On or after January 1, 2010, no building permit shall
12 be issued for a new single-family dwelling that does not include
13 a solar water heater system that meets the standards established
14 pursuant to section 269-44, unless the coordinator approves a
15 variance. A variance application shall only be accepted if
16 submitted by an architect or mechanical engineer licensed under
17 chapter 464, who attests that:



- 1 (1) Installation is impracticable due to poor solar
2 resource;
- 3 (2) Installation is cost-prohibitive based upon a life
4 cycle cost-benefit analysis that incorporates the
5 average residential utility bill and the cost of the
6 new solar water heater system with a life cycle that
7 does not exceed fifteen years;
- 8 (3) A renewable energy technology system, as defined in
9 section 235-12.5, is substituted for use as the
10 primary energy source for heating water; or
- 11 (4) A demand water heater device [~~approved by Underwriters~~
12 ~~Laboratories, Inc.,~~] is installed; provided that:
- 13 (A) If the demand water heater is a gas tankless
14 instantaneous water heater, at least one other
15 gas appliance is installed in the dwelling[-];
16 and
- 17 (B) The demand water heater shall be approved by a
18 North American certification organization, which
19 shall include the Canadian Standards Association
20 International; the Air-Conditioning, Heating, and
21 Refrigeration Institute; Gas Appliance
22 Manufacturers Association; and any other similar



1 organizations that are nationally or
2 internationally recognized, independent,
3 nonprofit organizations active and dedicated to
4 products standards development and testing and
5 certification.

6 For the purposes of this paragraph, "demand
7 water heater" means a [~~gas tankless~~] gas or non-
8 gas tankless instantaneous water heater that
9 provides hot water only as it is needed."

10 SECTION 3. Statutory material to be repealed is bracketed
11 and stricken. New statutory material is underscored.

12 SECTION 4. This Act shall take effect on July 1, 2014.



Report Title:

Solar Water Heating Variances

Description:

Requires certification of gas and non-gas tankless, on-demand water heaters by a North American certification organization.
(SB2801 HD1)

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

