

JAN 24 2018

A BILL FOR AN ACT

RELATING TO BUILDING CODES.

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

1 SECTION 1. Building codes are standards or procedures
2 developed by standards organizations and adopted into law by
3 state and local governments. The Hawaii state building codes
4 apply to all construction in the State and are based on the
5 state fire code, Uniform Plumbing Code, International Building
6 Code, International Residential Code, International Energy
7 Conservation Code, National Electrical Code, Hawaii design
8 standards, and other code provisions based on nationally
9 published codes or standards. These building codes standardize
10 practices and provide minimum standards for public health and
11 safety, and are for the building industry to follow and state
12 and local governments to enforce.

13 The legislature finds that while building codes address
14 public health and safety and environmental concerns, building
15 codes must also address cost efficiencies and investment value
16 in construction. Given the high costs of construction and the
17 State's and counties' general policies of providing more



1 affordable housing in transit-oriented development (TOD) areas
2 and other areas, the legislature recognizes the need for
3 building codes to take into consideration new technologies,
4 improved materials and methods, and better approaches to public
5 health and safety to meet the needs of communities statewide.
6 To facilitate the construction of affordable public and private
7 projects in the State, the legislature believes that it is in
8 the best interests of the State to keep building costs as low as
9 possible, while ensuring public health and safety.

10 The purpose of this Act is to provide greater flexibility
11 in the use and application of Hawaii state building codes, while
12 ensuring public health and safety.

13 SECTION 2. Section 107-25, Hawaii Revised Statutes, is
14 amended to read as follows:

15 **"§107-25 Hawaii state building codes; requirements. (a)**

16 There is established the Hawaii state building codes applicable
17 to all construction in the State of Hawaii. The Hawaii state
18 building codes shall be based upon:

19 (1) The state fire code as adopted by the state fire
20 council;



- 1 (2) The Uniform Plumbing Code, as copyrighted and
2 published by the International Association of Plumbing
3 and Mechanical Officials, including its appendices;
- 4 (3) The International Building Code, the International
5 Residential Code, and the International Energy
6 Conservation Code, as published by the International
7 Code Council;
- 8 (4) The National Electrical Code, as published by the
9 National Fire Protection Association;
- 10 (5) Hawaii design standards implementing the criteria
11 pursuant to Act 5, Special Session Laws of Hawaii,
12 2005, as applicable to:
 - 13 (A) Emergency shelters built to comply with hurricane
14 resistant criteria, including enhanced hurricane
15 protection areas capable of withstanding a five
16 hundred-year hurricane event as well as other
17 storms and natural hazards; and
 - 18 (B) Essential government facilities requiring
19 continuity of operations; and
- 20 (6) Code provisions based on nationally published codes or
21 standards that include but are not limited to



1 residential and hurricane resistant standards related
2 to loss mitigation standards in accordance with
3 section 431P-12, elevator, mechanical, flood and
4 tsunami, existing buildings, and onsite sewage
5 disposal.

6 (b) State projects shall be designed and constructed using
7 a code that is the most cost effective for a state project,
8 including the use of an alternative code that corresponds to the
9 applicable code of trade or area of construction as provided in
10 paragraphs (2), (3), and (4) of subsection (a); provided that:

11 (1) The alternative code shall be more cost effective than
12 the applicable code of trade or area of construction
13 specified in subsection (a);

14 (2) The prescriptive design of the alternative code does
15 not negatively affect the performance of the project
16 or public safety and health; and

17 (3) The alternative code is approved by the council."

18 SECTION 3. New statutory material is underscored.

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

20
INTRODUCED BY:

[Signature] *[Signature]*
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S.B. NO. 3006

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S.B. NO. 3006

Report Title:

State Building Codes; Alternative Codes

Description:

Requires state projects to be designed and constructed using an alternative code that is most cost effective to a project, subject to certain conditions, including health and safety.

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