

LATE

Testimony of Glenn Ida
Representing,
The Plumbers and Fitters Union, Local 675
1109 Bethel St., Lower Level
Honolulu, Hi. 96813

Comments and Proposed Amendments to SB 2271

Before the Senate Committees on:
Energy and Environment,
Public Safety, Government Operations, and Military Affairs,
Water, Land, and Housing

Tuesday, Feb. 7, 2012
2:15 PM, Conference Room 225

Aloha Chairs Gabbard, Espero, Dela Cruz, Vice-Chairs English, Kidani, Solomon and
Members of the Committees,

My name is Glenn Ida; I represent the 1300 plus active members and about 600
retirees of the Plumbers and Fitters Union, Local 675.

SB 2271 is an attempt to set statewide regulations governing water efficiency,
reclamation, and reuse applicable to new construction using new technologies
and design methodologies that are currently available.

The plumbing provisions in the Green Plumbing and Mechanical Code Supplement
published by the International Association of Plumbing and Mechanical Officials
to the State Building Codes will accomplish the State's goal of water efficiency.

I have proposed an amendment to SB 2271.

Thank You for this opportunity to comment on SB 2271.

Glenn Ida
808-295-1280

A BILL FOR AN ACT

RELATING TO WATER EFFICIENCY.

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

SECTION 1. The legislature finds that a uniform set of statewide regulations governing water efficiency, reclamation, and reuse, applicable to new construction, would make it possible to achieve efficiencies of twenty to forty per cent above current national standards by using new technologies and design methodologies currently available.

The purpose of this Act is to ensure that adequate water resources are available to support Hawaii's natural beauty, a healthy ecology, and urban growth for the benefit of Hawaii's present and future generations. Declining ground water levels, increased ground water withdrawals, and the State's projected population growth, with its accompanying demand for more water, are of serious concern to the State and its citizens.

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

"[+]§107-25[+] **State building code; requirements.** There is established a state building code applicable to all construction in the State of Hawaii. The state building code shall include:

- (1) The latest edition of the state fire code as adopted by the state fire council;
- (2) The latest edition of the Uniform Plumbing Code, as copyrighted and published by the International Association of Plumbing and Mechanical Officials, including its appendices;
- (3) The latest edition of the International Building Code, as published by the International Code Council;
- (4) Hawaii design standards implementing the criteria pursuant to Act 5, Special Session Laws of Hawaii, 2005, as applicable to:
 - (A) Emergency shelters built to comply with hurricane resistant criteria, including enhanced hurricane protection areas capable of withstanding a five hundred-year hurricane event as well as other storms and natural hazards; and
 - (B) Essential government facilities requiring continuity of operations; [~~and~~]
- (5) Code provisions based on nationally published codes or standards that include, but are not limited to,

residential and hurricane resistive standards for residential construction, fire, elevator, electrical, plumbing, mechanical, flood and tsunami, existing buildings, and energy conservation standards for building design and construction, and onsite sewage disposal[-]; and

- (6) Code Plumbing Provisions based on the latest edition of the Green Plumbing and Mechanical Code Supplement]~~International Green Construction Code Water Efficiency Provisions, as published by the International Association of Plumbing and Mechanical Officials]~~International Code Council.

SECTION 3. This Act does not affect rights and duties that matured, penalties that were incurred, and proceedings that were begun before its effective date.

SECTION 4. Statutory material to be repealed is bracketed and stricken. New statutory material is underscored.

SECTION 5. This Act shall take effect on July 1, 2012.

INTRODUCED BY: _____

Report Title:

State Building Code; Water Efficiency Provisions

Description:

Requires the state building code to include ~~code~~ [plumbing] provisions based on the latest edition of the [Green Plumbing and Mechanical Code Supplement] ~~International Green Construction Code Water Efficiency Provisions~~. [The Green Plumbing and Mechanical Code Supplement were developed specifically to provide high performance plumbing provisions that are compatible with the Uniform Plumbing Code].

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



Testimony to the Senate Committees on Energy and Environment, Public Safety,
Government Operations, and Military Affairs, and Water, Land & Housing
Tuesday, February 14, 2012
2:50 PM
State Capitol, Conference Room 225

LATE

RE: S.B. 2271 Relating to Water Efficiency

Hawaii Steel Alliance, Inc.

P. O. Box 2880

Aiea, HI 96701

(808) 728-7142

(808) 356-0396 fax

www.hawaiisteel.com

info@hawaiisteel.com

Dear Chairs Gabbard, Espero, and Dela Cruz; Vice Chairs English, Kidani, and Solomon, and members of the committees:

I am Tim Waite, President of the Hawaii Steel Alliance (HSA), a 501(c)(6) nonprofit organization established in May 1997 to encourage and promote the widespread, practical and economic use of cold-formed steel framing for residential and light commercial construction in the Pacific Rim. Our membership comprises the majority of the builder, engineers, suppliers, and framing contractors responsible for over 70 percent of residential construction in Hawaii. Steel framing is a green material comprised from recycled material; the most recycled material in the world.

The Hawaii Steel Alliance is opposed to SB 2271, which proposes to require the State Building Code to include code provisions based on the latest edition of the International Green Construction Code Water Efficiency Provisions. While water efficiency is a good thing, we oppose the IgCC provisions for the following reasons:

1. The scope of the energy provisions includes other items outside of the authority of the code official. For example, the IgCC has pages of commissioning requirements that occur after the certificate of occupancy is issued. Further, the commissioning requirements are vague and subjective and can't be uniformly enforced. It even requires commissioning activities as much as 2 years after occupancy. The commissioning requirements cross over into establishing contractual issues between the building owner, designer, and the builder.
2. The IgCC is not a traditional code in that it offers a variety of optional requirements for both builders and jurisdictions to select. Its enforcement will be a nightmare for building officials.

It is for these reasons the Hawaii Steel Alliance opposes S.B. 2271.

Respectfully,

Tim Waite
President