

DEPARTMENT OF LAND AND NATURAL REOURCES

Adoption of Chapter 13-8
Hawaii Administrative Rules

November 18, 2005

SUMMARY

Chapter 13-8, Hawaii Administrative Rules,
entitled " The Design and Placement of Warning Signs on
Improved Public Lands" is adopted.

HAWAII ADMINISTRATIVE RULES

TITLE 13

DEPARTMENT OF LAND AND NATURAL RESOURCES

SUBTITLE 1

CHAPTER 8

THE DESIGN AND PLACEMENT OF WARNING SIGNS ON IMPROVED
PUBLIC LANDS

Subchapter 1. General Provisions

- §13-8-1 Purpose
- §13-8-2 Definitions
- §13-8-3 Severability

Subchapter 2. Standards for Sign Design

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- §13-8-5 Hazard labels
- §13-8-6 Pictogram symbols
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SUBCHAPTER 1

GENERAL PROVISIONS

§13-8-1 Purpose. The purpose of these rules is to establish standards to guide the department of land and natural resources and the risk assessment working group in the general design and placement of signs warning of dangerous natural conditions on improved public lands.
[Eff. FEB 04 2006] (Auth: SLH 2003, Act 82, §2) (Imp: SLH 2003, Act 82, §2)

§13-8-2 Definitions. As used in this chapter, unless otherwise provided or required by context:

"Alert symbol" means the triangular symbol with an exclamation mark that appears to the left of the signal word.

"ANSI" means the American National Standards Institute.

"Board" means the board of land and natural resources.

"Caution", when used as a signal word on a hazard label, means the potential for encountering a natural condition which if not monitored, could result in a minor or moderate injury. This signal word is intended to alert the user to be more vigilant.

"Danger", when used as a signal word on a hazard label, means the potential for encountering a natural condition, which, if not monitored or avoided, could result in severe injury or death. This signal word is for the most extreme conditions or actions where foreseeable harm is severe or a fatality has been documented at a specific location due to the natural condition.

"Hazard label" means a specific label on the upper portion of the sign that uses the signal words "danger, warning, or caution" in conjunction with the "alert symbol".

"Improved public lands" means lands designated as part of the state park system, parks, and parkways under chapter 184, Hawaii Revised Statutes, or as part of a county's park system, and lands which are part of the Hawaii statewide trail and access system under chapter 198D, Hawaii Revised Statutes, excluding buildings and structures constructed upon such lands.

"Pictogram symbol" means a graphic symbol that illustrates the dangerous natural condition and its potential risk of harm.

"Risk assessment working group" means

- (1) The chairperson of the board, or designee;
- (2) The mayor of each county, or designee;
- (3) The administrators of the department's division of forestry and wildlife and the division of state parks, or their designees;
- (4) The attorney general, or designee; and
- (5) A person appointed by the chairperson of the board knowledgeable in warning sign design.

"Signal word" means the word located on a hazard label that calls attention to the sign and designates a degree or level of hazard seriousness.

"Warning", when used as a signal word on a hazard label, indicates the potential for encountering a natural condition, which, if not monitored or avoided, may result in a moderate to serious injury, or death. [Eff.

FEB 04 2006] (Auth: SLH 2003, Act 82, §2) (Imp: SLH 2003, Act 82, §2)

§13-8-3 Severability. If any provision of this chapter or the application thereof to any person or circumstance is held invalid, this invalidity shall not affect other provisions or applications of this chapter that can be given effect without the invalid provision or application, and to this end, the provisions of this chapter are severable. [Eff. FEB 04 2006]
(Auth: SLH 2003, Act 82, §2) (Imp: SLH 2003, Act 82, §2)

SUBCHAPTER 2

STANDARDS FOR SIGN DESIGN

§13-8-4 American National Standard Institute. ANSI product safety sign and label standards for format, content, and font currently in effect shall be considered in the design of the warning signs. The board and the risk assessment working group, at their discretion and if consistent with the purposes of these rules and in the public interest, may deviate from these standards.

[Eff. FEB 04 2006] (Auth: SLH 2003, Act 82, §2) (Imp: SLH 2003, Act 82, §2)

§13-8-5 Hazard labels. Appropriate hazard labels as defined in this chapter (e.g. caution, warning, or danger) shall be used on the top of the warning sign. A triangular alert symbol with an exclamation mark shall appear to the left of the hazard label.

[Eff. FEB 04 2006] (Auth: SLH 2003, Act 82, §2) (Imp: SLH 2003, Act 82, §2)

§13-8-6 Pictogram symbols. Appropriate Pictogram symbols as defined in this chapter shall be used and placed under the hazard label. [Eff. FEB 04 2008]
(Auth: SLH 2003, Act 82, §2)(Imp: SLH 2003, Act 82, §2)

§13-8-7 Sign text. (a) Sign text shall be used to reinforce the hazard label and pictogram as follows:

- (1) Text shall be in a headline style that uses simple and direct words;
- (2) Active rather than passive verbs shall be used. Action oriented phrases shall be put at the beginning of the sentence and not in the middle or at the end;
- (3) Adverbs that are difficult to interpret shall be avoided. There shall be no more than one clause in a sentence;
- (4) Upper case and centered type shall be avoided whenever possible;
- (5) Arial/Helvetica, Arial/Helvetica Black, Folio Medium, Franklin Gothic, Futura, or a similar style of font shall be used for the sign text;
- (6) Colored background shall not be used for the text portion of warning signs; and
- (7) Agency identification and other agency markings shall not be placed on the front of the sign but may be placed on reverse side of sign.

(b) The board and the risk assessment working group, at their discretion and if consistent with the purposes of these rules and in the public interest may deviate from these standards. [Eff. FEB 04 2008] (Auth: SLH 2003, Act 82, §2) (Imp: SLH 2003, Act 82, §2)

§13-8-8 Sign dimensions. Sign dimensions at managed entrances to improved public land adjacent to parking areas and other locations accessible by vehicles shall be a minimum of eighteen inches by twenty four inches. Sign dimensions at remote, interior locations and boundaries accessible by pedestrians of improved public land shall be a minimum of twelve inches by eighteen inches.
[Eff. FEB 04 2008] (Auth: SLH 2003, Act 82, §2)(Imp: SLH 2003, Act 82, §2)

SUBCHAPTER 3

STANDARDS FOR SIGN PLACEMENT

§13-8-9 Public use and exposure. (a) Traffic patterns and managed access points of people accessing the improved public lands shall be considered when placing signs.

(b) The type, frequency, and location of incidents or potential public exposure relating to specific dangerous natural conditions when known on the improved public lands shall be considered for sign placement.

[Eff. FEB 04 2006] (Auth: SLH 2003, Act 82, §2) (Imp: SLH 2003, Act 82, §2)

§13-8-10 Placement. Sign(s) shall be placed at or near access points; i.e., along vehicle and pedestrian traffic corridors in clearly visible locations placed as close as possible to the potentially dangerous natural conditions on improved public lands and at managed and designated entrances where the signs will be seen as users enter improved public lands. View sheds, aesthetics, and feasibility of installation shall be considered in the placement of the signs. Signs shall be installed with consideration for the average adult line of sight but outside of the general path of travel to avoid physical contact with the signs. Signs may be attached to posts or by any other method of installation depending on the nature of the location and terrain. [Eff. FEB 04 2006]
(Auth: SLH 2003, Act 82, §2) (Imp: SLH 2003, Act 82, §2)

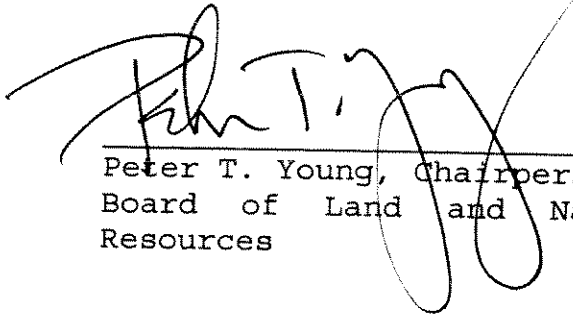
§13-8-11 Multiple signs. If multiple signs are installed they shall be on separate posts or in another manner that is rendered necessary due to the nature of the location and terrain. Whenever possible, installation shall attempt to minimize holes in the sign.

[Eff. FEB 04 2006] (Auth: SLH 2003, Act 82, §2) (Imp: SLH 2003, Act 82, §2)

DEPARTMENT OF LAND AND NATURAL REOSURCES

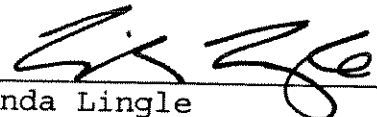
Chapter 13-8, Hawaii Administrative Rules, on the Summary Page dated November 18, 2005, was adopted on November 18, 2005, following a public hearing held on August 23, 2005, after public notice was given in the Honolulu Star Bulletin and the Maui News on July 17, and the Hawaii Tribune Herald, West Hawaii Today and the Garden Isle Newspaper on July 18.

The adoption of Chapter 13-8 shall take effect ten days after filing with the Office of the Lieutenant Governor.



Peter T. Young, Chairperson
Board of Land and Natural
Resources

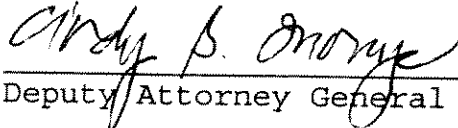
APPROVED:



Linda Lingle
Governor
State of Hawaii

Dated: JAN 23 2006

APPROVED AS TO FORM:



Deputy Attorney General

Filed

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LIEUTENANT GOVERNOR'S
OFFICE