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Secretary of State
Certificate and Order for Filing
TEMPORARY ADMINISTRATIVE RULES
A Statement of Need and Justification accompanies this form.

I certify that the attached copies* are true, full and correct copies of the TEMPORARY Rule(s) adopted upon filing by the

Department of Consumer and Business Services, Building Codes Division

918

Agency and Division

Administrative Rules Chapter Number

Stephanie Snyder

PO Box 14470 Salem, OR 97309

(503) 373-7438

Rules Coordinator

Address

Telephone

to become effective April 9, 2012 through September 30, 2012.

RULE CAPTION

Mid-cycle code amendment for recreational vehicle construction

Not more than 15 words that reasonably identify the subject matter of the agency's intended action.

RULEMAKING ACTION

List each rule number separately, 000-000-0000.

Secure approval of new rule numbers (Adopted rules) with the Administrative Rules Unit prior to filing

ADOPT:

AMEND: 918-525-0042

SUSPEND:

Stat. Auth.: ORS 183.335, 455.030, 455.110 & 446.185

Other Auth.:

Stats. Implemented: ORS 446.185

RULE SUMMARY

This temporary rule amends one of the standards for the construction, conversion, alteration, and repair of recreational vehicles in Oregon. This rule amends the 2011 NFPA 70, National Electrical Code (NEC), Article 551-42 (C) to allow a sixth circuit in a 30 ampere power supply assembly.

FILED

APR 06 2012

ARCHIVES DIVISION
SECRETARY OF STATE

Authorized Signer

Mark Long

Printed name

Date

4/6/2012

BCD 3-2012 (T)

STATEMENT OF NEED AND JUSTIFICATION

A Certificate and Order for Filing Temporary Administrative Rules accompanies this form.

Department of Consumer and Business Services, Building Codes Division

918

Agency and Division

Administrative Rules Chapter Number

Mid-cycle code amendment for recreational vehicle construction

Rule Caption (Not more than 15 words that reasonably identifies the subject matter of the agency's intended action.)

In the Matter of: Amending 918-525-0042

Statutory Authority: ORS 183.335, 455.030, 455.110 & 446.185

Other Authority:

Stats. Implemented: ORS 446.185

Need for the Temporary Rule(s): With approximately 20 percent of U.S. built RVs exported to Canada, both U.S. and Canadian code development associations have been working over the previous two code cycles (six years) to harmonize the code requirements for recreational vehicles. One major issue not yet addressed in current electrical code (2011 NFPA 70, NEC) is the number of circuits allowed on a 30 ampere power supply assembly.

In the U.S. a total of five circuits are currently allowed on a 30 ampere power supply assembly before requiring the use of an energy management system. Most manufacturers use all five of these circuits. When a unit is destined for Canada, a separate circuit is required for a power converter, which results in a total of six circuits. This proposed code amendment will allow a sixth circuit to be installed on units in the U.S. without the use of an energy management system, provided there is no increase on the permitted load of a five-circuit system.

Documents Relied Upon, and where they are available: March 1, 2012 letter from the Recreational Vehicle Industry Association, minutes from the March 22, 2012 Electrical and Elevator Board, and minutes from the April 4, 2012 Residential and Manufactured Structures Board. Draft rules are available from the division's rules coordinator, located at 1535 Edgewater St NW, Salem, OR 97304 and are available on the division's website at www.bcd.oregon.gov/rules.html.

Justification of Temporary Rule(s): This temporary rule is necessary so that manufacturers may design and build a single unit capable of being sold in either the U.S. or Canada without having to modify the unit's electrical system.

This issue was submitted as a proposed code change to the 2014 NFPA 70, National Electrical Code (NEC). The proposal was reviewed and considered by Code Making Panel 19, which is the body sanctioned by NFPA to make recommendations on proposed amendments to NEC Article 551. In January 2012 Code Making Panel 19 accepted in principle this proposed code amendment.

Since the RV industry in the U.S. is moving forward in adopting this code change ahead of the publication of the 2014 NFPA 70 NEC, failure by the division to formally adopt this proposed amendment will result in different requirements for RVs for sale in Oregon than those in other states. This may result in serious prejudice to the parties concerned.

Signature

Mark Long

Printed name

Date

4/6/2012

918-525-0042

Amendments to the Adopted Minimum Safety Standards

(1) Amend NFPA 1192, Section 5.4 Fuel-Burning Appliances by adding the following language after Section 5.4.1. "Solid-fuel-burning appliances shall not be installed in recreational vehicles, except where specifically permitted in these rules."

(2) Amend ANSI 119.5 as follows:

(a) Amend Chapter 1 by inserting the following language after Section 1-5.

(A) Each loft area shall have a minimum of one electrical light fixture and a convenience receptacle.

(B) Each enclosed stairway shall have a light fixture that is controlled by switches from both the top and the bottom of the stairway. The light fixture in subparagraph (A) of this rule may be used to serve this purpose.

(b) Amend Section 2-6 Fuel-Burning Appliances by inserting the following language after Section 2-6.1. "Wood-burning stoves, wood-burning fireplaces and pellet fired appliances may be installed if they are approved and listed for recreational vehicle use or for manufactured home use and installed according to the manufacturer's installation instructions.

(3) Effective April 9, 2012, amend NFPA 70, Article 551.42 (C) by adding a new exception. "Exception 2: A sixth circuit, without employing an energy management system, shall be permitted to serve only the power converter provided the combined load of all six circuits does not exceed the allowable load permitted by a five-circuit system."

[Publications referenced are available for review from the agency.]

Stat. Auth.: ORS 183.325 - 183.410 & 446.003 - 446.285

Stats. Implemented: ORS 446.185

Hist.: BCD 25-2008, f. 10-31-08, cert. ef. 11-1-08; BCD 1-2010, f. 3-15-10, cert. ef. 4-1-10; BCD 26-2011, f. 9-30-11, cert. ef. 10-1-11