

Original sponsor: Commerce Committee
by request

Offered: 4/22/71
Referred: Judiciary

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1 IN THE HOUSE

BY THE COMMERCE COMMITTEE

2 CS FOR HOUSE BILL NO. 357

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

4 SEVENTH LEGISLATURE - FIRST SESSION

5 A BILL

6 For an Act entitled: "An Act establishing the official state mobile home
7 standard; and providing for an effective date."

8 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF ALASKA:

9 * Section 1. In order to safeguard life, health and property, and to
10 promote the public welfare, construction standards of mobile homes in the
11 State of Alaska are hereby declared to be subject to regulation in the public
12 interest.

13 * Sec. 2. AS 45 is amended by adding a new chapter to read:

14 CHAPTER 30. STANDARD FOR MOBILE HOMES.

15 Sec. 45.30.010. MOBILE HOME STANDARD. (a) Except as provided in
16 (b) of this section, the Department of Commerce shall adopt, as the
17 official minimum mobile home standard for the state, the United States
18 of America Standards Institute Code A119.1 - 1969 for mobile homes.

19 (b) In the standard code to be adopted under (a) of this section,
20 the following changes shall be made:

21 (1) Sec. 5.2 of Part I shall read:

22 "5.2 FREEZING. All drain piping and fixtures subject to freezing
23 temperatures shall be insulated or protected to prevent freezing.
24 All main supply water lines must be installed within 15 inches
25 of the main heat trunk, or above the floor.";

26 (2) Sec. 5.4 of Part I shall read:

27 "5.4 DESIGN APPROVAL PROCEDURE. Approval of plans, specifica-
28 tions, and completed mobile homes by the authority having jurisdic-
29 tion under the provisions of this standard shall be accomplished

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1 by a certificate of compliance by a registered professional
2 engineer or architect registered in the state, or by a nationally
3 recognized testing laboratory with arctic design experience.";

4 (3) Sec. 6.3 of Part I shall read:

5 "6.3 WIND LOADS AND SNOW LOADS. When the components of the live
6 loads are wind and snow loads, no allowance shall be given to an
7 increase in unit stresses. The amount of live load shall not be
8 less than the amounts specified in this section.

9 6.3.1 Standard Wind.

10 Horizontal 20 lb/ft²

11 Vertical (horizontal projection).... 12 lb/ft²

12 Vertical Downward See 6.4 Roof Loads

13 6.3.2 Hurricane Wind. Mobile homes which are designated
14 "Hurricane and Windstorm Resistive" shall be designed for
15 the following wind loads.

16 Horizontal 25 lb/ft²

17 Vertical (horizontal projection).... 15 lb/ft²uplift

18 Vertical Downward (See 6.4 Roof Loads).30 lb/ft²

19 6.3.3 Snow Load. All flat, curved and pitched roofs shall
20 be designed to resist a minimum snow load applied downward
21 on the horizontal projection of 40 lb/ft².";

22 (4) Sec. 6.4 of Part I shall read:

23 "6.4 ROOF LOADS. Flat, curved and pitched roofs shall be de-
24 signed to resist live loads, applied downward on the horizontal
25 projection of 40 lb/ft² minimum snow load and a wind load as
26 designated in sec. 6.3 above. No allowance shall be given to an
27 increase in unit stress."

28 (5) Sec. 7.5 of Part I shall read:

29 "7.5 HEAT LOSS. The total calculated heat loss of the living

1 unit at the outdoor design temperature as certified in 7.5.1. of
2 this part shall not exceed the following:

3 a. 30 Btu/hr sq. ft. of the total floor area of the space
4 to be heated to 70°F.

5 b. For electrically heated mobile homes 0.184 watts/hr.
6 sq.ft.,F (temperature difference), (0.209 Btu/hr.sq.ft.,F);
7 and not to exceed 30 Btu/hr.sq.ft. of the floor area, which-
8 ever is less.

9 c. The minimum total resistance factor (R) of the wall,
10 ceiling and floor shall never be less than the following:

11 Type of Fuel Use for Heating	Wall	Ceiling	Floor
12 Gas, Oil or Electric	11.0	19.0	7.0

13 (6) Amend the certificate required in sec. 7.5 (figure 2)
14 to conform with changes made in (5) of this subsection;

15 (7) Sec. 4 of Part IV is amended by adding a new subsection
16 to read:

17 "4.5 All electrical wire size no. 12 AWG or smaller used in the
18 construction shall be copper wire of such size to carry the re-
19 quired load as approved by the National Electrical Code."

20 Sec. 45.30.020. DUTIES OF THE DEPARTMENT. The department is
21 responsible for the administration of the code provided for in sec. 10
22 of this chapter. The department may promulgate rules and regulations
23 designed for maximum practical implementation of the code.

24 Sec. 45.30.030. ADMINISTRATION. (a) The code applies to all
25 mobile homes constructed in the state and new and used mobile homes
26 brought into the state after July 1, 1971. It does not apply to
27 campers, motor homes or vehicular, portable structures with the dimen-
28 sions of 35 feet in length and eight feet in width, or less.

29 (b) The department is responsible for inspecting mobile homes

1 constructed in the state and new and used mobile homes coming into
2 the state after July 1, 1971. A mobile home which meets the specifi-
3 cation of the code, shall have affixed to it a state inspection tag
4 stating that it meets state requirements. The cost of the tag is
5 \$10 and shall be paid by the manufacturer of the mobile home to the
6 department.

7 Sec. 45.30.040. ENFORCEMENT OF COMPLIANCE. A department inspec-
8 tor shall give written notice to the owner of a mobile home of each
9 violation of the code. The notice of violation shall accurately
10 describe the violation and give specific reference to the section and
11 paragraph of the code.

12 Sec. 45.30.050. PENALTY FOR VIOLATIONS. A person who violates
13 a provision of the code, and who, after receiving the notification
14 required by sec. 40 of this chapter, refuses to correct the violation,
15 is guilty of a misdemeanor and upon conviction is punishable by a fine
16 of not more than \$1,000. Each mobile home constructed or brought into
17 the state in violation of this chapter is a separate violation of this
18 chapter.

19 Sec. 45.30.060. DEFINITIONS. In this chapter

- 20 (1) "code" means the United States of America Standards
21 Institute Code A119.1 - 1969 for mobile homes;
22 (2) "commissioner" means the commissioner of commerce;
23 (3) "department" means the Department of Commerce.

24 * Sec. 2. This Act takes effect on July 1, 1971.
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