

Introduced: 3/26/71  
Referred: Commerce and  
Judiciary

BY THE COMMERCE COMMITTEE  
BY REQUEST

1 IN THE HOUSE

2 HOUSE BILL NO. ~~347~~

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. AS 45 is amended by adding a new chapter to read:

10 CHAPTER 30. STANDARD FOR MOBILE HOMES.

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

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

17 (1) Sec. 5.4 of Part I shall read:

18 "5.4 DESIGN APPROVAL PROCEDURE. Approval of plans, specifica-  
19 tions, and completed mobile homes by the authority having  
20 jurisdiction under the provisions of this standard shall be ac-  
21 complished by a certificate of compliance by a registered  
22 professional engineer or architect registered in the state, or by  
23 a nationally recognized testing laboratory with arctic design  
24 experience.";

25 (2) Sec. 6.3 of Part I shall read:

26 "6.3 WIND LOADS AND SNOW LOADS. When the components of the live  
27 loads are wind and snow loads, no allowance shall be given to an  
28 increase in unit stresses. The amount of live load shall not be  
29 less than the amounts specified in this section.

1 6.3.1 Standard Wind.

2 Horizontal ..... 20 lb/ft<sup>2</sup>

3 Vertical (horizontal projection)..... 12 lb/ft<sup>2</sup>

4 Vertical Downward ..... See 6.4 Roof Loads

5 6.3.2 Hurricane Wind. Mobile homes which are designated  
6 "Hurricane and Windstorm Resistive" shall be designed for  
7 the following wind loads.

8 Horizontal ..... 25 lb/ft<sup>2</sup>

9 Vertical (horizontal projection)..... 15 lb/ft<sup>2</sup>uplift

10 Vertical Downward (See 6.4 Roof Loads).30 lb/ft<sup>2</sup>

11 6.3.3 Snow Load. All flat, curved and pitched roofs shall  
12 be designed to resist a minimum snow load applied downward  
13 on the horizontal projection of 40 lb/ft<sup>2</sup>."

14 (3) Sec. 6.4 of Part I shall read:

15 "6.4 ROOF LOADS. Flat, curved and pitched roofs shall be de-  
16 signed to resist the following live loads, applied downward on  
17 the horizontal projection:

18 NORTH ZONE: 30 lb/ft<sup>2</sup> (including wind and snow loads)

19 and normal unit stresses may be increased by 15 per cent.

20 MIDDLE ZONE: 20 lb/ft<sup>2</sup> (including wind and snow loads) and

21 normal unit stresses may be increased by 25 per cent.

22 ALASKA ZONE: 40 lb/ft<sup>2</sup> minimum snow load and a wind load as  
23 required for specific areas in Alaska. No allowance  
24 shall be given to an increase in unit stress."

25 (4) Sec. 7.5 of Part 1 shall read:

26 "7.5 HEAT LOSS. The total calculated heat loss of the living  
27 unit at the outdoor design temperature as certified in 7.5.1 of  
28 this part shall not exceed the following:

29 a. 30 Btu/hr sq.ft. of the total floor area of the space

1 to be heated to 70°F.

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

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

| 8 Type of Fuel Use for Heating | Wall | Ceiling | Floor |
|--------------------------------|------|---------|-------|
| 9 Gas, Oil or Electric         | 11.0 | 19.0    | 7.0   |

10 (5) Amend the certificate required in sec. 7.5 (figure 2)  
11 to conform with changes made in (4) of this subsection;

12 (6) Sec. 4 of Part IV is amended by adding a new subsection  
13 to read:

14 "4.5 All electrical wire used in the construction shall be copper  
15 wire of such size to carry the required load as approved by the  
16 National Electrical Code."

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

21 Sec. 45.30.030. ADMINISTRATION. (a) The code applies to all  
22 mobile homes constructed in the state and new and used mobile homes  
23 brought into the state after July 1, 1971.

24 (b) The department shall be responsible for inspecting mobile  
25 homes constructed in the state and new and used mobile homes coming  
26 into the state after July 1, 1971. A mobile home which meets the  
27 specification of the code, shall have affixed to it a state inspection  
28 tag stating that it meets state requirements. The cost of the tag is  
29 \$10 and shall be paid by the manufacturer of the mobile home to the

1 department.

2 Sec. 45.30.040. ENFORCEMENT OF COMPLIANCE. A department inspector  
3 shall give written notice to the owner of a mobile home of each viola-  
4 tion of the code. The notice of violation shall accurately describe  
5 the violation and give specific reference to the section and paragraph  
6 of the code.

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

14 Sec. 45.30.060. DEFINITIONS. In this chapter

15 (1) "code" means the United States of America Standards  
16 Institute Code A119.1 - 1969 for mobile homes;

17 (2) "commissioner" means the commissioner of commerce;

18 (3) "department" means the Department of Commerce.

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