

HB

64

Bill No. Committee Substitute House Bill No. 64 (L&C) Date March 15, 1985
 Title "An Act relating to elevator safety standards." Contact: Robert J. Bacolas
 465-4870
 Eileen Plate
 465-2700

Every three years, the American Society of Mechanical Engineers updates the safety code for elevators and escalators to incorporate technical advances; and in 1984 it revised the 1981 code. House Bill No. 64 provides for the adoption of the 1984 code, but specifically excludes the adoption of one new provision in the 1984 code. This section (111.12) requires installation of a positive device to prevent elevator doors from being opened if the elevator is more than 18 inches from the floor. Such a device could impede evacuation of passengers by emergency personnel in case of a fire or other emergency and, therefore, is not recommended for inclusion in Alaska's minimum elevator standards. Our understanding is that the elevator industry nationwide has petitioned the American Society of Mechanical Engineers to review the implications of this particular provision from this standpoint also.

This bill also provides for adoption of the latest Inspection Manual which is used as a guideline by the Department's elevator inspectors.

Adoption of the latest code and inspection manual will bring Alaska's minimum standards into line with those commonly accepted and used by industry and by political subdivisions in their building inspection programs.

The Department supports Committee Substitute for House Bill No. 64. It will not have a fiscal impact on the Department.

APPROVED:



Jim Robison, Commissioner
 Department of Labor

STATE OF ALASKA

BILL SHEFFIELD, GOVERNOR

DEPARTMENT OF LABOR

P.O. BOX 1149
JUNEAU, ALASKA 99802
PHONE: (907) 465-2700

OFFICE OF THE COMMISSIONER

February 27, 1985

The Honorable Mike Navarre
Chairman, Labor and Commerce Committee
House of Representatives
Pouch V
Juneau, AK 99811

Dear Representative Navarre:

As you requested during the February 21, 1985 hearing on House Bill 64, enclosed are copies of the seven proposals Scott Dicker of Otis Elevator Company provided us with. The specific proposals came from the Municipality of Anchorage, CMW Elevator Company of Anchorage and T.R. Slaton, a consulting electrical engineer from Anchorage.

Also enclosed are the Department's responses to the individual proposals. You will note that the Department concurs with the recommendation in proposal #4, that Section 111.12 of the 1984 Elevator Code not be adopted by the State of Alaska. The following amendments to House Bill 64 are required to achieve this.

Sec. 1, line 13, needs to be amended to read:

safety code in the state. Section 111.12, Restricted Opening of Hoistway Doors and/or Car Doors on Passenger Elevators, and Section 100.1 [100.1a], Inspection and Test Periods of the
100.1

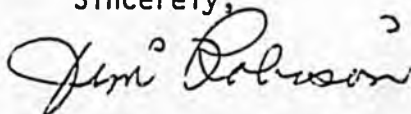
Sec. 1, line 15, needs to be amended to read:

Escalators are [IS] not adopted as a part of the minimum elevator safety

My understanding is that the other concerns expressed in the enclosed proposals have been satisfied.

Thank you for your continued help with this bill.

Sincerely,



Jim Robison
Commissioner

Enclosures

Department of Labor Response
to proposed Amendments to
1984 Elevator Code

Proposal 1:
(Municipality
of Anchorage) Do not Adopt the National Safety Practice for the Inspection of
Elevators and Escalators (Inspector's Manual--ANSI/ASME A17.2
as set out in Section 2 of House Bill 64.

Department's
Response: The A17.2 Inspectors Manual is used by the department as a
guide to assure uniform application of minimum elevator
standards. It is important to continue to include this
provision in the law as it advises the public and industry of
the procedures used by the Department when conducting
inspections.

Proposal 2:
(Municipality
of Anchorage) Amend Section 2000.7A of the Elevator code to provide that the
travel of handicapped elevators should not exceed 6 feet.

Department's
Response: Section 2000.7 of the Elevator code provides that the travel of
a handicapped elevator shall not exceed 12 feet. Since a
handicapped car is required to have key operation and cannot
penetrate a floor, the Department does not believe 12 feet of
travel poses any safety problems.

The Department would point out that the municipality could, by
local ordinance, adopt the more stringent 6 foot maximum if it
wished.

Proposal 3:
(Municipality
of Anchorage) The 1984 ANSI A17.1 Code for Elevators and Escalators should
be adopted.

Department's
Response: The Department concurs. The 1984 code is the latest code, and
the 1981 code now in effect is outdated.

Proposal 4:
(Municipality
of Anchorage) Section 111.12 of the 1984 Elevator code should not be adopted.

Department's
Response: The Department concurs. This provision requires installation
of a positive device to prevent elevator doors from being
opened if the elevator is more than 18 inches from the floor.
This could impede evacuation of passengers by emergency
personnel in case of a fire or other emergency.

Proposal 5: Add a requirement to Section 101.32 of the Elevator Code to provide that access to machine rooms cannot be over the roof of
(Municipality of Anchorage) unless a closed walkway is provided.

Department's Response: The Department has no particular problem with the intent of this proposal. However, here again the municipality could, by local ordinance, adopt the more stringent provision it is seeking. In the interest of minimizing deviations from the Elevator Code, the Department would prefer such a local remedy.

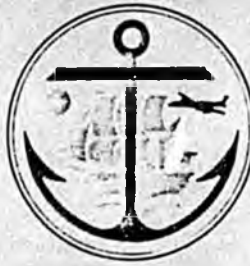
Proposal 6: The Uniform Building Code and Elevator Code contain conflicting provisions in smoke detector requirements.
(T.R. Slaton Consulting Electrical Engineer)

Department's Response: The conflict between the Elevator Code A17.1 and the Uniform Building Code Section 5103.4(D) will not affect the Elevator Code. The Elevator Code would supersede the UBC when there are conflicts between the two codes.

Proposal 7: Amend the Elevator Code to permit the use of mathematical formulas in lieu of test weights.
(CMW Elevator Company)

Department's Response: The Department is opposed to this proposed amendment. The Department has witnessed valve failures when the weight test was administered to the elevator, and the use of the mathematical formula would never have revealed this safety problem. To the department's knowledge, this is not an acceptable practice anywhere else in the United States.

Municipality of Anchorage



POUCH 6-650
ANCHORAGE, ALASKA 99502-0650
(907) 786-8160

TONY KNOWLES,
MAYOR

DEPARTMENT OF PUBLIC WORKS
(3500 East Tudor Road)

February 8, 1985

To Whom It May Concern:

I believe the adoption of ANSI A-17.1-1984 elevator is needed. The Municipality of Anchorage is now in the process of adopting the 1984 Code with a few proposals for local amendments.

However, I don't believe the A-17.2 inspector's manual should be adopted as law. The preface of the manual indicates the following:

PREFACE

This Manual is intended to serve only as a guide for the general use of inspectors. While it is in general based on the rules of the A17.1 Code, it also contains recommendations for the inspection of equipment which is not required to conform to that Code. Reference to the rules of the A17.1 Code are applicable to the 1971 edition including Supplement ANSI A17.1a-1972 thereto. While many legal codes, including additional orders, amendments, changes, or interpretations issued by the enforcement authorities are based upon the A17.1 Code, inspectors should be guided by whatever elevator code is legally in force. Any recommendations made herein apply only insofar as they conform to the legal requirements. It is not intended that this Manual be used as, or in place of a legal elevator code, but rather that it be used in whole or in part as a practical guide to the inspection of elevators, escalators and moving walks.

The terms *Section*, *Rule*, or *Table* refer to the identifying section, rule, or table, in ANSI A17.1-1971. The term *Item* refers to a numbered portion of this Manual.

Michael J. Smith
Michael Smith
Elevator Inspector
Building Safety Division
Department of Public Works

#2

FORMS FOR PROPOSALS FOR THE 1985 MUNICIPAL CODE(S)

Proposals are to be received no later than January 31, 1985.

INSTRUCTIONS

Please type or print in BLACK ink. Use separate copy for each proposal. Limit each proposal to a single section or article.

Date 2/7/85 Proposer's name Michael Smith, Telephone No. 786-8322
Elevator Inspector

Address Municipality of Anchorage, Dept. Pub. Works, Bldg. Safety Div., Pouch 6-650
Anchorage, AK 99502-0650 3500 East Tudor Road (Street Address)

PROPOSED CHANGE:

1 - CODE/Amendment identification number PART XX Sec/parag 2000.7A

2 - Proposal (include proposed new wording, or identification of wording to be deleted):

The travel shall not exceed 6 feet

3 - Statement of problem and substantiation for proposal:

12 feet of travel could be used for an elevator. I feel the 12 foot is too high for the type safetys on this type equipment.

#3

FORMS FOR PROPOSALS FOR THE 1985 MUNICIPAL CODE(S)

Proposals are to be received no later than January 31, 1985.

INSTRUCTIONS

Please type or print in BLACK ink. Use separate copy for each proposal. Limit each proposal to a single section or article.

Date 2/7/85 Proposer's name Michael Smith, Telephone No. 786-8322
Elevator Inspector

Address Municipality of Anchorage, Dept. Pub. Works, Bldg. Safety Div., Pouch 6-650
Anchorage, AK 99502-0650 3500 East Tudor Road (Street Address)

PROPOSED CHANGE:

1 - CODE/Amendment identification number _____ Sec/parag _____

2 - Proposal (include proposed new wording, or identification of wording to be deleted):

Adopt 1984 ANSI A-17-1 Code for elevators/escalators.

3 - Statement of problem and substantiation for proposal:

It is latest elevator and escalator code.

#4

FORMS FOR PROPOSALS FOR THE 1985 MUNICIPAL CODE(S)

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INSTRUCTIONS

Please type or print in BLACK ink. Use separate copy for each proposal. Limit each proposal to a single section or article.

Date 2/7/85 Proposer's name Michael Smith, Telephone No. 786-8322
Elevator Inspector

Address Municipality of Anchorage, Dept. Pub. Works, Bldg. Safety Div., Pouch 6-650
Anchorage, AK 99502-0650 3500 East Tudor Road (Street Address)

PROPOSED CHANGE:

1 - CODE/Amendment identification number PWT 1 Sec/parag 111.12

2 - Proposal (include proposed new wording, or identification of wording to be deleted):

Delete Section 111.12 completely.

3 - Statement of problem and substantiation for proposal:

Passengers would not be able exit the and emergency personnel personnel, fire fighters, etc. would not be able to enter the car.

#5

FORMS FOR PROPOSALS FOR THE 1985 MUNICIPAL CODE(S)

Proposals are to be received no later than January 31, 1985.

INSTRUCTIONS

Please type or print in BLACK ink. Use separate copy for each proposal. Limit each proposal to a single section or article.

Date 2/7/85 Proposer's name Michael Smith, Telephone No. 786-8322
Elevator Inspector

Address Municipality of Anchorage, Dept. Pub. Works, Bldg. Safety Div., Pouch 6-650
Anchorage, AK 99502-0650 3500 East Tudor Road (Street Address)

PROPOSED CHANGE:

1 - CODE/Amendment identification number _____ Sec/parag _____

2 - Proposal (include proposed new wording, or identification of wording to be deleted):

Add to 101.32 requirements for means of access to machine rooms can not be over the roofs or closed walkway out of the weather will be provided.

3 - Statement of problem and substantiation for proposal:

Do to weather conditions in Alaska, roof access is very hazardous.

FINAL DATE FOR RECEIPT OF COMMENTS: _____

Return or
Mail to:

T. G. FLATON, P.E.
CONSULTING ELECTRICAL ENGINEER
3020 KAY AVENUE
ANCHORAGE, AK 99503
(907) 561-0312

Date _____ Name _____ Telephone _____

Address _____

Organization Represented self

1. Comment on: A. Code UBC chap 51, B. Section No. 5103.4(d),
C. Title 23 _____, Amendment No. _____

2. Comment (include proposed wording, or identification of wording to be deleted):

UBC chapter 51 and the elevator code disagree on when lobby smoke detectors are required: any elevator, or three landings or over 25' travel.

The use of toggle non-fused disconnects for elevator car lighting circuits in the machine room, instead of SPST fused switches should be allowed for more convenient maintenance.

3. Statement of Problem and Substantiation for Comment:

suggest deleting 5103.4(d) and leave ANSI Elevator code in effect.

4. This comment is original material.
 This comment is not original material; its source (if known) is as follows: _____

(Note: Original material is considered to be the submitter's own idea based on or as a result of his own experience, thought, or research and, to the best of his knowledge, is not copied from another source.)

I agree to give the Municipality of Anchorage all and full rights, including rights of copyright, in this Comment and I understand that I acquire no rights in any publication of Title 23 in which this Comment in this or another similar or analogous form is used.

T. G. Flaton
Signature

FORMS FOR PROPOSALS FOR THE 1985 MUNICIPAL CODE(S)

Proposals are to be received no later than January 31, 1985.

INSTRUCTIONS

Please type or print in BLACK ink. Use separate copy for each proposal. Limit each proposal to a single section or article.

Date 1/29/85 Proposer's name C/WW Company Telephone No. 278-1732
Address P.O. Box 101433 Anchorage, ALASKA 99510

PROPOSED CHANGE:

- 1 - CODE/Amendment identification number _____ Sec/parag _____
- 2 - Proposal (include proposed new wording, or identification of wording to be deleted):

In lieu of test weights mathematical formula may be used

- 3 - Statement of problem and substantiation for proposal:

Documentation for change has been submitted to ANSI Code con. for adoption.

Offered: 3/8/85
For Today's Calendar

Original sponsor: Rules/Governor

BY THE LABOR AND
COMMERCE COMMITTEE

1 IN THE HOUSE

2

CS FOR HOUSE BILL NO. 64 (L&C)

3

IN THE LEGISLATURE OF THE STATE OF ALASKA

4

FOURTEENTH LEGISLATURE - FIRST SESSION

5

A BILL

6 For an Act entitled: "An Act relating to elevator safety standards."

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

8 * Section 1. AS 18.60.800(a) is amended to read:

9 (a) Except as provided in this subsection, the 1984 [1981]
10 edition of the American National Standards Institute Safety Code for
11 Elevators and Escalators (ANSI/ASME A17.1) published by the American
12 Society of Mechanical Engineers is adopted as the minimum elevator
13 safety code in the state. Section 111.12, Restricted Opening of
14 Hoistway Doors and/or Car Doors on Passenger Elevators, and section
15 1001.1 [SECTION 1001.1a], Inspection and Test Periods of the American
16 National Standards Institute Safety Code for Elevators and Escalators
17 are [IS] not adopted as a part of the minimum elevator safety code in
18 the state.

19 * Sec. 2. AS 18.60.800(c) is amended to read:

20 (c) Inspections of elevators by the department must [SHALL] be
21 performed in accordance with the procedures set out in the National
22 Safety Practice for the Inspection of Elevators and [,] Escalators
23 [AND MOVING SIDEWALKS] (Inspector's Manual -- ANSI/ASME A17.2) as
24 approved in 1982 [FEBRUARY 15, 1979].

*why
excluded*

STATE OF ALASKA 1985 LEGISLATIVE SESSION
FISCAL NOTE

Revision Date: _____

REQUEST

Bill/Resolution No.: CS HB 64 (L&C)
 Title: "An Act relating to
 elevator safety standards"
 Sponsor: Governor
 Requestor: House Labor & Commerce
 Date of Request: 03/01/85

FISCAL DETAIL

Agency Affected: Labor
 Program Category Affected: _____
Public Protection
 BRU, Program or Subprogram(s) Affected: _____
Labor Standards & Safety
Mechanical Inspection

EXPENDITURES/REVENUES: (Thousands of Dollars)

	FY 85	FY 86	FY 87	FY 88	FY 89	FY 90
OPERATING						
100 PERSONAL SERVICES						
200 TRAVEL						
300 CONTRACTUAL						
400 SUPPLIES						
500 EQUIPMENT						
600 LAND & STRUCTURES						
700 GRANTS, CLAIMS						
800 MISCELLANEOUS						
TOTAL OPERATING	-0-	-0-	-0-	-0-	-0-	-0-

CAPITAL						
----------------	--	--	--	--	--	--

REVENUE						
----------------	--	--	--	--	--	--

FUNDING: (Thousands of Dollars)

GENERAL FUND						
FEDERAL FUNDS						
OTHER						
TOTAL	-0-	-0-	-0-	-0-	-0-	-0-

POSITIONS:

FULL-TIME						
PART-TIME						
TEMPORARY						

ANALYSIS: Attach a separate page if necessary

Prepared By: ¹³ Robert J. Bacolas, Jr.
 Division: Labor Standards & Safety

Phone: 465-4870
 Date: 03/01/85

Approved by Commissioner: ¹³ Jim Robinson
 Agency: Labor

Date: 03/01/85

Distribution (by Agency preparing fiscal note):

- Legislative Finance
- Legislative Sponsor
- Requestor
- Office of Management and Budget
- Impacted Agency(ies)

CURRENT STATUS: (S) L&C

DATE		PAGE	ACTION
01/16/85	(H)	38	READ THE FIRST TIME - REFERRAL (S)
01/16/85	(H)	38	GOVERNOR'S TRANSMITTAL LETTER
01/16/85	(H)	38	FISCAL NOTE ZERO
01/21/85	(H)	96	SA WAIVED, L&C REFERRAL ADDED
03/08/85	(H)	538	L&C RPT W/GS, LETTER OF INTENT 7DP
03/08/85	(H)	538	FISCAL NOTE ZERO
03/08/85	(H)	538	RLS TO CALENDAR 3/8/85
03/08/85	(H)	544	READ THE SECOND TIME
03/08/85	(H)	544	CSHB 64(L&C) ADOPTED UNAN CONSENT
03/08/85	(H)	544	ADVANCED TO THIRD READING UNAN CONSENT

HR 64

MEASURE HISTORY

PAGE 02 OF 02

DATE		PAGE	ACTION
03/08/85	(H)	544	READ THE THIRD TIME
03/08/85	(H)	545	PASSED Y31 N1 X5 A3
03/08/85	(H)	545	L&C LETTER OF INTENT ADOPTED
03/08/85	(H)	545	FURNACE NOTICE OF RECONSIDERATION
03/11/85	(H)	566	RECON TAKEN UP - IN THIRD READING
03/11/85	(H)	566	RET TO SECOND FOR AM 1 FLD Y10 N27 X3
03/11/85	(H)	567	PASSED ON RECONSIDERATION Y34 N2 X3 A1
03/11/85	(H)	567	LETTER OF INTENT ADOPTED
03/11/85	(H)	568	TRANSMITTED TO (S)
03/12/85	(S)	516	READ THE FIRST TIME
			LABOR&COMMERCE
			RULES

Chairman's Information:

1) CSHB 64 (L&C) "An act relating to elevator safety standards"

- a) Introduced: Rules CS by House L&C
- b) Co-Sponsors:

- 2) INTENT: This legislation was introduced by the Governor for the Department of Labor and updates the safety code for elevators and escalators by providing for the adoption of the 1984 code. One provision of the 1984 code was not adopted in the House Labor and Commerce CS and that provision related to the installation of a device which would prevent elevator doors from being opened if the elevator was more than 18 inches from the floor. Such a device would impede the efforts of emergency personnel in the event of a fire, and this provision was intentionally deleted from the bill.

FISCAL NOTE: 0

Note: The House Labor and Commerce Committee attached a letter of intent which we may wish to adopt.

3) COMMITTEE COMMENTS:

4) PUBLIC HEARINGS:

- a) Sponsor
- b) Public witnesses:

5) BILL ACTION:

- a) Hold in committee?
- b) Assign to sub committee for further review?
- c) Move from Committee?
- d) close public hearings?

6) COMMITTEE ACTION:

- a) amendments?
- b) CS adoption?