

Reprinted 4/87

STATE GOVERNMENT: Gronstal, Chair; Dieleman and Drake

Dr. Pass 3/12/87 (p. 261)

FILED MAR 02 1987

SENATE FILE 292
BY DELUHERY

Passed Senate, Date 4-1-87 (p. 1027) Passed House, Date _____
Vote: Ayes 50 Nays 0 Vote: Ayes _____ Nays _____
Approved _____

A BILL FOR

- 1 An Act relating to the establishment of a building materials fire
- 2 toxicity filing system.
- 3 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

Senator Deluhery

STATE OF IOWA

FISCAL NOTE TO

LSB No. 2442S
Staff ID. DPW

REQ. BY SENATOR DELUHERY SENATE FILE 292

In compliance with a written request received March 2, 1987, a fiscal note for **SENATE FILE 292** is hereby submitted pursuant to Joint Rule 17. Data used in developing this fiscal note are available from the Legislative Fiscal Bureau to members of the Legislature upon request.

Senate File 292 requires the state fire marshal to establish a data filing system of the fire toxicity of building materials. It directs the fire marshal to establish a requirement that certain materials be tested and the results of the tests be reported to the division of fire protection. The fire marshal is also directed to encourage building product manufacturers to develop standard toxicity test methods and develop smoke-control guidelines.

FISCAL EFFECT: During FY 1988 the problem would be studied and the details on implementing the program would be worked out. This would not require new staff. During FY 1989 the program would be implemented requiring two new staff and a small computer at a cost of \$59,000. The staff would be needed for as long as the program was maintained in the department.

(Source: Iowa Department of Public Safety)

(LSB 2442S, DPW)

James C. Proarty
Fiscal Director
Legislative Fiscal Bureau
Date: 3/18/87

1 Section 1. NEW SECTION. 100.19 BUILDING MATERIALS FIRE
2 TOXICITY -- DATA FILING SYSTEM.

3 1. The state fire marshal shall establish a data filing
4 system of the toxicity of smoke and gases generated by the
5 burning of materials used in building construction. The data
6 system shall provide design information and safety advice to
7 design professionals, users of buildings, and the general
8 public.

9 2. The state fire marshal shall establish a requirement
10 that certain materials be tested in accordance with a toxicity
11 test method and procedure established by rules of the state
12 fire marshal, and a requirement that reports of the tests be
13 filed with the division of fire protection.

14 3. In the development of the filing system, the state fire
15 marshal shall encourage building product manufacturers to
16 develop standard toxicity test methods as a means of
17 establishing the toxicity hazard assessment of building ma-
18 terials, and shall promote the development of smoke-control
19 guidelines for design professionals, building and housing code
20 officials, and building owners.

21 EXPLANATION

22 This bill requires the state fire marshal to establish a
23 data filing system of the fire toxicity of building materials.
24 It directs the fire marshal to establish a requirement that
25 certain materials be tested and the results of the tests be
26 reported to the division of fire protection. The fire marshal
27 is also directed to encourage building product manufacturers
28 to develop standard toxicity test methods and develop smoke-
29 control guidelines.

30
31
32
33
34
35

SENATE FILE 292

S-3165

1 Amend Senate File 292 as follows:

2 1. Page 1, by striking lines 1 and 2, and
3 inserting the following:

4 "Section 1. NEW SECTION. 100.19 COMBUSTION AND
5 TOXICITY TESTING OF PRODUCTS USED IN BUILDING
6 CONSTRUCTION."

7 2. Page 1, by inserting after line 20 the
8 following:

9 "4. The data filing system and testing rules
10 required by this section shall be implemented by the
11 state fire marshal by July 1, 1990."

12 3. Title page, line 2, by inserting after the
13 word "system" the following: "and related matters".

S-3165

Filed March 12, 1987

Placed o/s 4/1/87 (p 1027)

BY COMMITTEE ON STATE GOVERNMENT
ROBERT M. CARR, Chairperson

SENATE FILE 292

S-3309

1 Amend Senate File 292 as follows:

2 1. By striking everything after the enacting
3 clause and inserting the following:

4 "Section 1. NEW SECTION. 100.19 FIRE HAZARD
5 ANALYSES.

6 1. As used in this section, unless the context
7 otherwise requires, "hazard analysis" means an
8 analytical system for the evaluation of the hazard
9 presented by a product in a specific end use, through
10 consideration of fire scenarios, evaluation of the
11 fire environment of each scenario, and the evaluation
12 on the effect of the fire environment on the given
13 product.

14 2. The state fire marshal shall establish a data
15 filing system utilizing the available hazard analyses
16 of materials in the fire environment. The data system
17 shall provide design information and guidance
18 regarding the products used in construction and
19 occupancy.

20 The state fire marshal shall utilize state-of-the-
21 art procedures adopted after consideration of the
22 procedures of third-party standard-making
23 organizations, government agencies, and building code
24 authorities, including but not limited to the national
25 institute of building science, the center for fire
26 research of the national bureau of standards, and the
27 national fire protection association.

28 3. In the development of the filing system, the
29 state fire marshal shall encourage manufacturers of
30 building products and building contents to perform a
31 hazard analysis of their products.

32 4. The state fire marshal shall report the
33 availability of hazard analyses data to the general
34 assembly by January 1, 1988 and shall implement the
35 data filing system required by this section by July 1,
36 1990."

S-3309

Filed March 27, 1987

Adopted 4/1/87 (p 1027)

BY PATRICK J. DELUHERY
MICHAEL E. GRONSTAL
RICHARD F. DRAKE

SENATE FILE 292
BY DELUHERY

(AS AMENDED AND PASSED BY THE SENATE APRIL 1, 1987)

ALL New Language by the Senate

Passed Senate, Date 4/1/87 (p. 1627) Passed House, Date 4-13-87 (p. 1281)

Vote: Ayes 50 Nays 0 Vote: Ayes 94 Nays 0

Approved April 27, 1987 (p. 1541)

A BILL FOR

1 An Act relating to the establishment of a building materials fire
2 toxicity filing system.

3 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19
- 20
- 21
- 22
- 23

1 Section 1. NEW SECTION. 100.19 FIRE HAZARD ANALYSES.

2 1. As used in this section, unless the context otherwise
3 requires, "hazard analysis" means an analytical system for the
4 evaluation of the hazard presented by a product in a specific
5 end use, through consideration of fire scenarios, evaluation
6 of the fire environment of each scenario, and the evaluation
7 on the effect of the fire environment on the given product.

8 2. The state fire marshal shall establish a data filing
9 system utilizing the available hazard analyses of materials in
10 the fire environment. The data system shall provide design
11 information and guidance regarding the products used in
12 construction and occupancy.

13 The state fire marshal shall utilize state-of-the-art
14 procedures adopted after consideration of the procedures of
15 third-party standard-making organizations, government
16 agencies, and building code authorities, including but not
17 limited to the national institute of building science, the
18 center for fire research of the national bureau of standards,
19 and the national fire protection association.

20 3. In the development of the filing system, the state fire
21 marshal shall encourage manufacturers of building products and
22 building contents to perform a hazard analysis of their
23 products.

24 4. The state fire marshal shall report the availability of
25 hazard analyses data to the general assembly by January 1,
26 1988 and shall implement the data filing system required by
27 this section by July 1, 1990.

28
29
30
31
32
33
34
35

SENATE FILE 292

1988 and shall implement the data filing system required by this section by July 1, 1990.

AN ACT
RELATING TO THE ESTABLISHMENT OF A BUILDING MATERIALS FIRE
TOXICITY FILING SYSTEM.

BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

Section 1. NEW SECTION. 100.19 FIRE HAZARD ANALYSES.

1. As used in this section, unless the context otherwise requires, "hazard analysis" means an analytical system for the evaluation of the hazard presented by a product in a specific end use, through consideration of fire scenarios, evaluation of the fire environment of each scenario, and the evaluation on the effect of the fire environment on the given product.

2. The state fire marshal shall establish a data filing system utilizing the available hazard analyses of materials in the fire environment. The data system shall provide design information and guidance regarding the products used in construction and occupancy.

The state fire marshal shall utilize state-of-the-art procedures adopted after consideration of the procedures of third-party standards-making organizations, government agencies, and building code authorities, including but not limited to the national institute of building science, the center for fire research of the national bureau of standards, and the national fire protection association.

3. In the development of the filing system, the state fire marshal shall encourage manufacturers of building products and building contents to perform a hazard analysis of their products.

4. The state fire marshal shall report the availability of hazard analyses data to the general assembly by January 1,

JO ANN ZIMMERMAN
President of the Senate

DONALD D. AVENSON
Speaker of the House

I hereby certify that this bill originated in the Senate and is known as Senate File 292, Seventy-second General Assembly.

JOHN F. DWYER
Secretary of the Senate

Approved April 27, 1987

TERRY E. BRANSTAD
Governor

S.F. 292