

## Rule Summary and Fiscal Analysis

### Part A - General Questions

**Rule Number:** 4101:1-9-01  
**Rule Type:** Amendment  
**Rule Title/Tagline:** Fire protection systems.  
**Agency Name:** Department of Commerce  
**Division:** Board of Building Standards: Ohio Building Code  
**Address:** 6606 Tussing Road P.O. Box 4009 Reynoldsburg OH 43068-9009  
**Contact:** Regina S. Hanshaw  
**Email:** regina.hanshaw@com.state.oh.us **Phone:** 614-728-1841

#### I. Rule Summary

1. Is this a five year rule review? No
  - A. What is the rule's five year review date? 11/1/2022
2. Is this rule the result of recent legislation? No
3. What statute is this rule being promulgated under? 119.03
4. What statute(s) grant rule writing authority? 3781.10(A)
5. What statute(s) does the rule implement or amplify? 3781.10, 3791.04, 3781.11
6. What are the reasons for proposing the rule?

This rule is proposed to incorporate errata from the 2015 International Building Code, to include language as a result of a petition to change the code, to recognize and provide standards for aerosol fire protection systems, and to amend several sections of the rule to encourage building and fire department personnel to work together during the fire protection system plan review and inspection processes.

7. Summarize the rule's content, and if this is an amended rule, also summarize the rule's changes.

This rule outlines when, where, and what type of fire protection systems are required in buildings.

Sections 903.2.11.2 and 909.5 are proposed to be amended to incorporate ICC errata. Section 906.1 is proposed to be amended in response to Petition 17-05 requiring fire extinguishers in Groups A, B and E and adding another option for Group E.

New Section 904.14 is proposed to recognize aerosol fire-extinguishing systems.

The following sections are proposed to be amended to encourage building/fire coordination: 901.2.1.1, 901.2.1.2, 901.3, 901.4, 901.5, 903.1.1, 903.1.1.1, 903.3.6, 903.4.1, 904.2, 905.4, 905.5.3, 906.1, 906.5, 907.1.1, 907.2, 907.2.6, 907.2.13.2, 907.5.1, 907.6.6.1, 907.7, 909.15, 909.18.8.3.1, 911.1.1, 912.2.1, 912.2.2, 912.3, 912.4, 912.4.1, and 912.4.2

8. **Does the rule incorporate material by reference? Yes**
9. **If the rule incorporates material by reference and the agency claims the material is exempt pursuant to R.C. 121.71 to 121.76, please explain the basis for the exemption and how an individual can find the referenced material.**
- The referenced standards are generally available to the affected parties. The referenced standards can easily be purchased from or viewed on websites of the standards making organization. The affected parties typically would be product manufacturers, design professionals, builders, and contractors. These parties would be expected to already own or have access to the standards in order to conduct their business of manufacturing, testing, designing, and installing the building systems and products.
10. **If revising or re-filing the rule, please indicate the changes made in the revised or re-filed version of the rule.**

*Not Applicable*

## **II. Fiscal Analysis**

11. **As a result of this proposed rule, please estimate the increase / decrease in revenues or expenditures affecting this agency, or the state generally, in the current biennium or future years. If the proposed rule is likely to have a different fiscal effect in future years, please describe the expected difference and operation.**

This will have no impact on revenues or expenditures.

0.00

Not applicable.

- 12. What are the estimated costs of compliance for all persons and/or organizations directly affected by the rule?**

Petition 17-05 proposes to remove an exception allowing the omission of fire extinguishers. As a result, additional fire extinguishers will be required. The quantity depends upon the size of the building. According to the petitioner's cost estimate, fire extinguishers vary in initial price from \$40-\$56 depending upon the size and chemical.

- 13. Does the rule increase local government costs? (If yes, you must complete an RSFA Part B). Yes**
- 14. Does the rule regulate environmental protection? (If yes, you must complete an RSFA Part C). No**

### **III. Common Sense Initiative (CSI) Questions**

- 15. Was this rule filed with the Common Sense Initiative Office? Yes**
- 16. Does this rule have an adverse impact on business? No**
- A. Does this rule require a license, permit, or any other prior authorization to engage in or operate a line of business? No**
  - B. Does this rule impose a criminal penalty, a civil penalty, or another sanction, or create a cause of action, for failure to comply with its terms? No**
  - C. Does this rule require specific expenditures or the report of information as a condition of compliance? No**

## Rule Summary and Fiscal Analysis

### Part B - Local Governments Questions

**1. Does the rule increase costs for:**

<b>A. Public School Districts</b>	Yes
<b>B. County Government</b>	No
<b>C. Township Government</b>	No
<b>D. City and Village Governments</b>	No

**2. Please estimate the total cost, in dollars, of compliance with the rule for the affected local government(s). If you cannot give a dollar cost, explain how the local government is financially impacted.**

According to the petitioner's cost estimate found in the BIA, the rule change to Section 906 which requires additional fire extinguishers in Group E schools will result in an annual cost per extinguisher per square foot of area of the school of between \$ 0.015 to \$ 0.039.

**3. Is this rule the result of a federal government requirement? No**

**A. If yes, does this rule do more than the federal government requires?** *Not Applicable*

**B. If yes, what are the costs, in dollars, to the local government for the regulation that exceeds the federal government requirement?**

*Not Applicable*

**4. Please provide an estimated cost of compliance for the proposed rule if it has an impact on the following:**

**A. Personnel Costs**

See below.

**B. New Equipment or Other Capital Costs**

According to the petitioner's cost estimate found in the BIA, the initial purchase cost per extinguisher is between \$40 and \$56 per extinguisher.

**C. Operating Costs**

Operating costs include monthly required inspections, annual maintenance, recharging, hydrostatic tests every 12 years, providing temporary replacements, etc. According to the petitioner's cost estimate found in the BIA, the cost to inspect each extinguisher is \$3-\$6 per month, the annual maintenance is \$3-\$6 per year, the recharge costs are \$10-\$12 every 6, 12, and 18 years, and the hydrostatic test costs are \$20-\$25 every 12 years.

**D. Any Indirect Central Service Costs**

N/A

**E. Other Costs**

N/A

- 5. Please explain how the local government(s) will be able to pay for the increased costs associated with the rule.**

The BBS does not have the knowledge to be able to answer this question.

- 6. What will be the impact on economic development, if any, as the result of this rule?**

N/A