**15-053**

**1. State Building Code to be Amended:**

International Building Code  State Energy Code

ICC ANSI A117.1 Accessibility Code  International Mechanical Code

International Existing Building Code  International Fuel Gas Code

International Residential Code  NFPA 54 National Fuel Gas Code

International Fire Code  NFPA 58 Liquefied Petroleum Gas Code

Uniform Plumbing Code  Wildland Urban Interface Code

**Section(s): 907.2.6**

(e.g.: Section: R403.2)

**Title: Group I.**

(e.g: Footings for wood foundations)

**2. Proponent Name (Specific local government, organization or individual):**

**Proponent: Shawn Shepherd**

**Title: Deputy Fire Marshal**

**Date: 2/27/2015**

**3. Designated Contact Person:**

**Name: Shawn Shepherd**

**Title: Deputy Fire Marshal**

**Address: 619 Division Street, Port Orchard, WA 98366**

**Office Phone: 360-337-5777 x3884**

**Cell: 360-516-9704**

**E-Mail address: sshepherd@co.kitsap.wa.us**

**4. Proposed Code Amendment**. Reproduce the section to be amended by underlining all added language, striking through all deleted language. Insert new sections in the appropriate place in the code in order to continue the established numbering system of the code. If more than one section is proposed for amendment or more than one page is needed for reproducing the affected section of the code additional pages may be attached. (Examples on the SBCC [website](https://fortress.wa.gov/ga/apps/sbcc/Page.aspx?nid=191))

**Code(s)** \_\_\_IFC\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Section(s)** \_\_\_**907.2.6** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Enforceable code language must be used; see an example [by clicking here](https://fortress.wa.gov/ga/apps/SBCC/File.ashx?cid=1803).

Amend section to read as follows:

**907.2.6 Group I.** A manual fire alarm system that activates the occupant notification signal utilizing an emergency voice/alarm communication system meeting the requirements of Section 907.5.2.2 ~~system in accordance with Section 907.5~~ shall be installed in Group I occupancies. An automatic smoke detection system that activates the occupant notification signal utilizing an emergency voice/alarm communication system meeting the requirements of Section 907.5.2.2 ~~system in accordance with Section 907.5~~ shall he provided in accordance with Sections 907.2.6.1, 907.2.6.2 and 907.2.6.3.3. “The remainder of this section remains as written”

1. **Briefly explain your proposed amendment, including the purpose, benefits and problems addressed.** Specifically note any impacts or benefits to business, and specify construction types, industries and services that would be affected. Finally, please note any potential impact on enforcement such as special reporting requirements or additional inspections required.

The fire code does not clearly state the notification method of fire alarm system Group I occupancies. It is left up to the designer’s choice. The design uses NFPA 72 as the guiding document for the system design and the standard strongly suggest the design meet with the facility owner and discuss the goals of the fire alarm system based on the owners needs. Many times the owner only knows they need a fire alarm system and provides little to no direction to the designer. Hence the designer will design the simplest system meeting that need. The code does not clearly state the type of notification system or the operating mode of that system, but infers that an emergency voice/alarm communication system operating in public mode is an acceptable alternative. Again the design is not provided with direction but with options. The reviewing authority is left only with the ability to approve the system type chosen since a system utilizing a building wide evacuation signal is still acceptable. This code change clarifies that a building wide system operating in public mode is not acceptable.

1. **Specify what criteria this proposal meets.** You may select more than one.

The amendment is needed to address a critical life/safety need.

The amendment is needed to address a specific state policy or statute.

The amendment is needed for consistency with state or federal regulations.

The amendment is needed to address a unique character of the state.

The amendment corrects errors and omissions.

1. **Is there an economic impact:**  Yes      No

Explain:

Cost impact is minimal as this requirement allows the changes to be caught at the early design phase of a project and not when the building is under construction as is typical since the fire alarm system is a deferred submittal allowing construction to occur and then had fire protection design considered.

\*\*A basic primary benefit is operations of the building during emergency’s and the being more effectively communicated with when an emergency occur and what to do about it.

If there is an economic impact, use the Table below to estimate the costs and savings of the proposal on construction practices, users and/or the public, the enforcement community, and operation and maintenance. If preferred, you may submit an alternate cost benefit analysis.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Building Type | Construction[[1]](#footnote-1) | | Enforcement[[2]](#footnote-2) | | Operations & Maintenance[[3]](#footnote-3) | |
| Costs | Benefits[[4]](#footnote-4) | Costs | Benefits4 | Costs | Benefits4 |
| Residential |  |  |  |  |  |  |
| Single family |  |  |  |  |  |  |
| Multi-family |  |  |  |  |  |  |
| Commercial/Retail |  |  |  |  |  |  |
| Industrial |  |  |  |  |  |  |
| Institutional | $5-8,000 |  |  |  |  | \*\* |

Please send your completed proposal to: [sbcc@ga.wa.gov](mailto:sbcc@ga.wa.gov)

All questions must be answered to be considered complete. Incomplete proposals will not be accepted.

1. $ / square foot of floor area or other cost. Attach data. **Construction** costs are costs prior to occupancy, and include both design and direct construction costs

   that impact the total cost of the construction to the owner/consumer. [↑](#footnote-ref-1)
2. Cost per project plan. Attach data. **Enforcement** costs include governmental review of plans, field inspection, and other action required for enforcement. [↑](#footnote-ref-2)
3. Cost to building owner/tenants over the life of the project. [↑](#footnote-ref-3)
4. Measurable benefit. [↑](#footnote-ref-4)