



## Second Revision No. 10-NFPA 720-2013 [ Section No. 2.3.4 ]

### 2.3.3 UL Publications.

Underwriters Laboratories Inc., 333 Pfingsten Road, Northbrook, IL 60062-2096.

ANSI/UL 1971, ~~Standard for Safety~~ *Signaling Devices for Hearing Impaired*, November 2002, revised October 2008.

ANSI/UL 2034, ~~Standard for~~ *Single and Multiple Station Carbon Monoxide Alarms*, February 2008, Revised revised February 2009.

ANSI/UL 2075, *Gas and Vapor Detectors and Sensors*, ~~November 2004~~, Revised 2007 March 2013 .

### Submitter Information Verification

**Submitter Full Name:** [ Not Specified ]

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**Submittal Date:** Thu May 16 10:52:37 EDT 2013

### Committee Statement

**Committee Statement:** The references are updated to the latest revision.

**Response Message:**

**Second Revision No. 8-NFPA 720-2013 [ Section No. 5.4.4 [Excluding any Sub-Sections]**

]

Initiating device circuits, notification appliance circuits, and signaling line circuits shall be designated by class, depending on the circuit's capability to continue to operate during specified fault conditions as indicated in Sections ~~5.5.23-5.5~~ through ~~23.5.7.7~~ of *NFPA 72, National Fire Alarm and Signaling Code*. [72:23.4.2]

**Submitter Information Verification****Submitter Full Name:** [ Not Specified ]**Organization:** [ Not Specified ]**Street Address:****City:****State:****Zip:****Submittal Date:** Wed May 15 09:09:30 EDT 2013**Committee Statement****Committee Statement:** The text is revised to align with the recommendations in CC Note 4.**Response Message:**[Public Comment No. 23-NFPA 720-2013 \[New Section after 5.4\]](#)

**Second Revision No. 3-NFPA 720-2013 [ Section No. 5.8.6.5.1 ]****5.8.6.5.1\***

The audible carbon monoxide alarm signal shall be a four-pulse temporal pattern and comply with the following:

- (1) Signals shall be a ~~single tone~~ pattern consisting of four cycles of 100 milliseconds  $\pm$  10 percent "on" and 100 milliseconds  $\pm$  10 percent "off," followed by 5 seconds  $\pm$  10 percent "off."
- (2) After the initial 4 minutes of alarm, the 5-second "off" time shall be permitted to be changed to 60 seconds  $\pm$  10 percent.
- (3) The alarm signal shall be repeated in compliance with 5.8.6.5.1(1) and 5.8.6.5.1(2) until the alarm resets or the alarm signal is manually silenced.

**Supplemental Information**

<u>File Name</u>	<u>Description</u>
T4_drawing.pdf	Figure A.5.8.6.5.1
720_A.5.8.6.5.1.doc	

**Submitter Information Verification**

**Submitter Full Name:** [ Not Specified ]  
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**Street Address:**  
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**Zip:**  
**Submittal Date:** Tue May 14 10:33:34 EDT 2013

**Committee Statement**

**Committee Statement:** The revised text provides a name for the audible alarm signal and removes the requirement to use a single tone. The use of a recognizable name for the alarm signal will be helpful for code users. The use of a single tone is unnecessarily prohibitive. The figure showing the T-4 sequence will be helpful for users

**Response Message:**

[Public Comment No. 1-NFPA 720-2013 \[Section No. 5.8.6.5.1\]](#)



## Second Revision No. 7-NFPA 720-2013 [ Section No. 9.4.2.1 ]

### 9.4.2.1 General.

Each alarm or detector shall cause the operation of an alarm notification appliance that shall meet the performance requirements of [6.4.2](#), [6.4.4.1](#), [6.4.4.2](#), and, if applicable, [9.4.2.2](#).

### Submitter Information Verification

**Submitter Full Name:** [ Not Specified ]

**Organization:** [ Not Specified ]

**Street Address:**

**City:**

**State:**

**Zip:**

**Submittal Date:** Tue May 14 15:48:31 EDT 2013

### Committee Statement

**Committee Statement:** The revised text corrects the reference to 6.4.4.1 and 6.4.4.2 and adds the reference for requirements for the hearing impaired as intended for correlation with the changes in 29.3.6. of the 2013 edition of NFPA 72.

**Response Message:**



## Second Revision No. 4-NFPA 720-2013 [ Sections 9.6.2.2, 9.6.2.3, 9.6.2.4 ]

### 9.6.2.2

The audible alarm signal for carbon monoxide alarms shall be a single tone pattern consisting of four cycles of 100 milliseconds  $\pm$  10 percent "on" and 100 milliseconds  $\pm$  10 percent "off," followed by 5 seconds  $\pm$  10 percent "off." comply with the requirements of 5.8.6.5.1.

### 9.6.2.3

~~After the initial 4 minutes of alarm, the 5-second "off" time shall be permitted to be changed to 60 seconds  $\pm$  10 percent.~~

### 9.6.2.4

~~The alarm signal shall be repeated in compliance with 9.6.2.2 and 9.6.2.3 until the alarm resets or the alarm signal is manually silenced.~~

### Submitter Information Verification

**Submitter Full Name:** [ Not Specified ]

**Organization:** [ Not Specified ]

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**Zip:**

**Submittal Date:** Tue May 14 14:15:45 EDT 2013

### Committee Statement

**Committee Statement:** The revisions are made to provide consistency with the changes in SR 3.

**Response Message:**

Public Comment No. 2-NFPA 720-2013 [Section No. 9.6.2.2]

**Second Revision No. 5-NFPA 720-2013 [ Sections 9.6.8.3.1, 9.6.8.3.2, 9.6.8.3.3, 9.6.8.3.4 ]****9.6.8.3.2**

Where a digital alarm communicator transmitter (DACT) is used, the DACT serving the protected premises shall only require a single telephone line and shall only require a call to a single digital alarm communicator receiver (DACR) number. [72:29.7.9.1.1]

**9.6.8.3.3**

Where a DACT is used, the DACT test signals shall be transmitted at least monthly. [72:29.7.9.1.2]

**9.6.8.3.4\***

Requirements for indication of central station service shall not be required.

**9.6.8.3.5**

A dedicated cellular telephone connection shall be permitted to be used as a single means to transmit alarms to a constantly attended remote monitoring location. [72:29.7.9.1.4.6 29.7.9.1.6]

**Submitter Information Verification**

**Submitter Full Name:** [ Not Specified ]

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**Submission Date:** Tue May 14 14:33:47 EDT 2013

**Committee Statement**

**Committee Statement:** The corresponding section in Chapter 29 of NFPA72-2013 includes the following paragraph which reads: "29.7.9.1 Means to transmit alarm signals to a constantly attended, remote monitoring location shall be processed by a household fire alarm system and shall perform as described in Chapter 26, except as modified by 29.7.9.1.1 through 29.7.9.1.6." This paragraph was included in 72-2013 to specify that off-premises signals be transmitted by a supervised fire alarm system, and not by some type of unsupervised transmitter. A corresponding paragraph should be added to 720 to specify that carbon monoxide alarm off-premises signals originating from a protected premise shall be processed in a similar, supervised, manner. This proposal adds completely new text for 9.6.8.3.1, then renumbers the existing 9.6.8.3.1 through 9.6.8.3.4 to accommodate the additional paragraph. (e.g. the current 9.6.8.3.1 becomes 9.6.8.3.2, the current 9.6.8.3.2 becomes 9.6.8.3.3, etc.)

**Response****Message:**

[Public Comment No. 5-NFPA 720-2013 \[Sections 9.6.8.3.1, 9.6.8.3.2, 9.6.8.3.3, 9.6.8.3.4\]](#)

**Second Revision No. 6-NFPA 720-2013 [ Section No. A.9.6.8.3.3 ]****A.9.6.8.3.4**

Refer to § 26.3.4 of *NFPA 72, National Fire Alarm and Signaling Code*, for requirements for indication of central station service.

**Submitter Information Verification**

**Submitter Full Name:** [ Not Specified ]

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**Submittal Date:** Tue May 14 15:40:24 EDT 2013

**Committee Statement**

**Committee Statement:** Assuming that Public Comment No. 5 is accepted, the Annex entry that is currently tied to 9.6.8.3.3 must also be corrected to reflect the revised paragraph number of this clause, which will be 9.6.8.3.4. This comment provides updated text addressing this. In addition, the current Annex text references a section from an older version of NFPA 72, the 2007 Edition. The section in the current 72-2013 is Section 26.3.4. This comment also updates the NFPA 72 section reference from 8.3.4 to 26.3.4.

**Response****Message:**

[Public Comment No. 6-NFPA 720-2013 \[Section No. A.9.6.8.3.3\]](#)



## Second Revision No. 9-NFPA 720-2013 [ Chapter C ]

### **Annex C** U.S. Consumer Product Safety Commission Guide: Responding to Residential Carbon Monoxide Incidents, Guidelines for Fire and Other Emergency Response Personnel. Guidelines for Emergency Responders

*This annex is not part of the requirements of this NFPA document but is included for informational purposes .*

#### **C.1** Guideline Summary.

How public emergency response organizations respond to carbon monoxide (CO) incident calls is essential for the safety of the building occupants and the emergency responders. One reference that can be helpful to emergency responders is the Consumer Product Safety Commission (CPSC) Guidelines for Fire and other Emergency First Response Personnel . This guide is designed to help emergency responders to act quickly and effectively when they receive a call concerning CO poisoning. The guide contains basic information needed when responding to a CO incident and provides procedures for:

- (1) Dispatchers answering a call
- (2) Incident reporting forms to help emergency responders identify the elevated source of carbon monoxide, the level of care needed by occupants, and when it is safe for occupants to return to the building
- (3) Advice and actions to give building occupants

The CPSC guide is available for download at [www.cpsc.gov/PageFiles/117067/coguide.pdf](http://www.cpsc.gov/PageFiles/117067/coguide.pdf) .

~~This annex is not a part of the requirements of this NFPA document but is included for informational purposes only.~~

~~This Consumer Product Safety Commission (CPCS) guide can be found at: – <http://www.cpsc.gov/PageFiles/121994/coguide.pdf>~~

### Supplemental Information

<u>File Name</u>	<u>Description</u>
Open Annex_B_C_D_1_LFR.doc	
Open Annex_B_C_D_1_LFR_G1368628639938_ECredits_-_LFR.doc	Final version with accepted / rejected edits

### Submitter Information Verification

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**Submittal Date:** Wed May 15 10:30:33 EDT 2013

### Committee Statement

**Committee Statement:** The text for Annex C is revised to provide additional guidance for emergency responders.

**Response Message:**