

Requirements for Emergency Voice Alarm Communication Systems

Message Sequence:

In response to a signal indicative of a fire emergency the system shall immediately and automatically transmit an alert tone of 3 to 10 second duration, followed by a message to direct the occupants of the alarm signal initiation zone and other zones in accordance with the buildings fire evacuation plan. Upon completion of the voice message, evacuation signals shall sound and then repeat the sequence.

Note: In residential buildings, low frequency tones must be initiated prior to any other tones or alerts in the sleeping areas.

When low frequency tones are required, they should alert for 3 to 10 seconds in duration without additional alert tones.

Alert tones may be:

- 3 pulse temporal or
- Low frequency or
- Slow woop

Message Requirements:

All occupancy types requiring emergency voice alarm communication systems shall have the first segment of the message be in **female voice** stating the following:

- ❖ ***“May I have your attention please! May I have your attention please! May I have your attention please!”***

This shall be followed by a **male voice** in building using FULL EVACUATION* stating:

- ❖ ***“An emergency has been reported in the building. While this report is being verified please proceed to the nearest exit, walk to the ground level, and exit the building.”***



Sample voice alarm.
Click on box to hear.

Or, shall be followed in buildings using **PHASED EVACUATION** with a **male voice** stating:

- ❖ ***“An emergency has been reported in the building. While this report is being verified please proceed to the nearest stairwell, walk down FOUR* floors, and re-enter the building.”***



Sample voice alarm.
Click on box to hear.

Live voice instruction over the public address system shall override all previous signals and the message shall resume once the PA system (manual speaker activation) is disengaged.

* Depending on the building occupancy type and construction features other notification methods may be required. Please call the Fire Prevention Division should you have any questions.