9-1-1-2703: PUBLIC SAFETY UHF RADIO AMPLIFICATION SYSTEM:

A.   GENERAL.

Except as otherwise provided, no person shall maintain, own, erect, or construct, any building or structure or any part thereof, or cause the same to be done which fails to support adequate radio coverage for City emergency service workers, including but not limited to firefighters and police officers. For purposes of this section, adequate radio coverage shall include all of the following: 1) a minimum signal strength of one (1) microvolt available in 85 percent of the area of each floor of the building when transmitted from the City of Burbank Communications Systems; 2) a minimum signal strength of one (1) microvolt received at the City of Burbank Communications Systems when transmitted from 85 percent of the area of each floor of the building; 3) the frequency range which must be supported shall be 470.0 MHz to 473.5 MHz; and 4) a 90 percent reliability factor.

B.   TESTING PROCEDURES.

   1.   Initial Tests.

Initial tests will be performed by City of Burbank employees. A Certificate of Occupancy shall not be issued to any structure if the building fails to comply with this section.

   2.   Annual Tests.

Annual tests will be conducted by the Burbank Fire Department in conjunction with inspection procedures.

C.   AMPLIFICATION SYSTEMS ALLOWED.

Buildings and structures which cannot support the required level of radio coverage shall be equipped with any of the following in order to achieve the required adequate radio coverage: a radiating cable system or an internal multiple antenna system with or without FCC type accepted bi-directional UHF amplifiers as needed. If any part of the installed system or systems contains an electrically powered component, the system shall be capable of operating on an independent battery and/or generator system for a period of at least 12 hours without external power input. The battery system shall automatically charge in the presence of an external power input. [Added by Ord. No. 16-3,888, eff. 1/1/17.]