

City of Sparks Nevada

Title 15 BUILDINGS AND CONSTRUCTION

Chapter 15.16 PUBLIC SAFETY RADIO AMPLIFICATION SYSTEM.

Section 15.16.010 Radio Coverage.

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:

- A. A minimum signal strength of one (1) microvolt available in 95% of the area of each floor of the building when transmitted from the City of Sparks Communications Systems;
- B. A minimum signal strength of one (1) microvolt received at the City of Sparks Communications Systems when transmitted from 95% of the area of each floor of the building;
- C. The frequency range which must be supported shall be 806 MHZ to 869 MHZ; and
- D. A 95% reliability factor.

Section 15.16.020 Testing procedures.

- A. Initial Tests: Initial tests will be performed by an agent of the City of Sparks. A Certificate of Occupancy shall not be issued to any structure if the building fails to comply with this section.
- B. Annual tests: Annual tests will be conducted by the Sparks Fire Department in conjunction with inspection procedures.

Section 15.16.030 Enhanced amplification systems.

Buildings and structures over thirty-five (35) feet in height 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 800 MHZ 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 twelve (12) hours without external power input. The battery system shall automatically charge in the presence of an external power input.

Section 15.16.040 Field testing.

Police and fire personnel, after providing reasonable notice to the owner or his

representative, shall have the right to enter onto the property to conduct field testing to be certain that the required level of radio coverage is present.

Section 15.16.050 Exemptions.

This chapter shall not apply to buildings permitted in the R-1 and R-2 zoning districts, any building constructed of wood frame or any building thirty-five (35) feet high or less; provided none of the aforementioned buildings make use of any metal construction or any underground storage or parking areas.

(Ord. 1822, 1994.) (1886, Repealed & Replaced, 12/26/1995)