30.68 Site Environmental Standards

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30.68 Site Environmental Standards

30.68.010 **Purpose.** The purpose of this Chapter is to protect adjacent uses and the community against objectionable noise, light, smoke, particulate matter, odors, and hazardous materials generated on property by uses conducted on the property.

30.68.020 **Noise.**

a. Excessive noise shall be required to be muffled so as not to be objectionable due to intermittence, beat frequency, shrillness or volume.

b. The maximum permissible sound pressure level of any continuous, regular or frequency source of sound produced by any activity shall be established by the time period and type of zoning district as described in Table 30.68-1.

c. Public address systems of any kind shall only be permitted subject to a special use permit, unless in conjunction with live entertainment or a temporary outdoor commercial event which is otherwise approved.

d. Sound levels shall be measured with a sound level meter and associated octave band filter, manufactured according to standards prescribed by the American Standards Association, ANSI S1.2-1962 "American Standard Meter for the Physical Measurement of Sound" and the revisions thereof, including ANSI S1.1-1976, ANSI S1.6-1984, ANSI S1.4-1983- Type 1 Precision, ANSI S1.11-1986 and ANSI S1.13 Field Method. Measurements shall be made using the flat network of the sound level meter.

e. Impulsive type noises shall be subject to the standards described in Table 30.68-2, provided that such noises shall be capable of being accurately measured with equipment described above.

f. Noises capable of being so measured, for the purpose of this Title, shall be those noises which cause rapid fluctuations of the needle of the sound level meter, with a variation of no more than plus or minus two (2) decibels. Noises incapable of being so measured, such as those of an irregular and intermittent nature, shall be controlled so as not to become a nuisance to adjacent uses.

g. Sound pressure levels shall be measured at all property lines, at a height of at least four (4) feet above the ground surface.

1. Where the emitting and receiving premises are in different districts, the limits governing the more restrictive district shall apply to any regulated noise entering that district.

2. The levels specified may be exceeded by ten decibels (10dB) for a single period, no longer than fifteen (15) minutes in any one day.

h. Requirements of this Section do not apply to:

1. Construction/demolition activities when conducted during daytime hours.

2. Sound generating equipment or apparatus used to warn the public of an emergency or for public safety.

3. Noise from use-related loading/unloading operations that effect residential areas when conducted during daytime hours.

4. Lawn maintenance and home repair, as long as they are conducted in daytime hours as a normal function of any authorized use and the equipment is maintained in proper working condition.

5. Aircraft Noise.

6. Within the H-1 district within 500 feet of Las Vegas Boulevard South.

Table 30.68-1: Noise - Maximum Permitted Sound Levels (Decibels)

OCTAVE BAND CENTER FREQUENCY (HERTZ)	WITHIN RESIDENTIAL DISTRICTS		WITHIN BUSINESS AND INDUSTRIAL DISTRICTS	
	DAYTIME	NIGHTTIME	DAYTIME	NIGHTTIME
31.5	72	65	76	65
63	65	58	69	62
125	58	50	62	54
250	53	44	58	49
500	50	40	55	45
1000	47	37	52	42
2000	43	33	49	38
4000	40	30	46	35
8000	37	27	43	32

Table 30.68-2: Impulsive Noise - Maximum Permitted Sound Levels (Decibels)			
WITHIN RESIDENTIAL DISTRICTS		WITHIN BUSINESS AND INDUSTRIAL DISTRICTS	
DAYTIME	NIGHTTIME	DAYTIME	NIGHTTIME
56	46	65	61

Source: American National Standards Institute, Inc.

30.68.030 **Lighting.** All on-site lighting of buildings, lawns, recreation areas, and parking areas shall be designed so that light does not shine directly onto residential use. All light sources shall be shielded and directed downward at all times so as not to adversely impact adjacent residential uses or zoning districts.

30.68.040 **Vibration.** Vibration shall not be discernable at any property line to the human sense of feeling at any time.

30.68.050 **Odors.** Odor is regulated by Clark County Health District Air Pollution Control Regulations at Section 12: Pre-Construction Review for New and Modified Sources, Section 16: Operating Permits, and Section 43: Odors in the Ambient Air. The Chief Officer of the Clark County Health District retains all authority with respect to interpretation, regulation and control of odor.

30.68.060 **Smoke and Particulate Matter.** Smoke and particulate matter is regulated by Clark County Health District Air Pollution Control Regulations at Section 12: Pre-Construction Review for New and Modified Sources, Section 16: Operating Permits, Section 17: Dust Control Permit for Construction Activities including Surface Grading and Trenching, Section 26: Emission of Visible Air Contaminants, Section 27: Particulate Matter from Process Weight Rate, Section 28: Fuel Burning Equipment, Section 30: Incinerators, Section 35: Diesel Powered Electrical Generating Equipment, and Section 41: Fugitive Dust. The Chief Officer of the Clark County Health District retains all authority with respect to interpretation, regulation, and control of smoke and particulate matter.

30.68.070 **Hazardous Material.** Hazardous materials, including explosives, shall be regulated by the provisions of Title 13: Fire and Fire Prevention and Title 22: Buildings and Construction of the Clark County Code, except that any application to establish a use which requires the materials listed in Section 459.3816 of the Nevada Revised Statutes in the quantities listed shall require a special use permit for hazardous materials as listed under Table 30.16-4.

30.68.080 **Adjustments to Site Environmental Standards.** Proposals to utilize standards different from those provided elsewhere in this chapter may be considered in light of the unique characteristics of an individual site, including those created by the shape and location of property, design of existing or proposed structures, and the operation of the uses proposed for the site. Adjustments to site environmental standards include those related to noise, and lighting. The determination of the acceptability of such adjustments shall be based upon consideration of the following:

1. The ability of the proposed standards to result in the same or improved site environmental function as results from the standards of this Chapter.

2. The ability of the proposed standards to provide the same or enhanced visual character to the site as would result from the application of the site environmental standards for which alternative standards are being offered.

3. The ability of the proposed standards to result in site environmental standards that maintains or increases compatibility with that of adjacent sites in the manner anticipated through the application of the site environmental requirements for which alternative standards are offered.