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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 muffled to mitigate objectionable 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 time period and type of zoning district per Table 30.68-1.
- c.** Public address systems of any kind shall only be permitted subject to special use permit approval 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 National Standards Institute, 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 they are capable of being accurately measured with the equipment described above.
- f.** For the purpose of this Chapter, noises capable of being measured shall be those which cause rapid fluctuations of the sound level meter needle with a variation of no more than plus or minus 2 decibels. Noises incapable of being measured, such as irregular and intermittent sound emissions, 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 4 feet above the ground surface.
  - 1.** Where the emitting and receiving premises are in different zoning 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 10 decibels for a single period not to exceed 15 minutes in any one day.
- h.** Requirements of this Section do not apply to:
  - 1.** Construction and/or demolition activities when conducted during daytime hours.
  - 2.** Sound generating equipment or apparatus used for public safety or to warn the public of an emergency.
  - 3.** Noise from use-related loading/unloading operations that affect residential areas when conducted during daytime hours.

4. Lawn maintenance and home repair only if conducted during daytime hours as a normal function of any authorized use, and the equipment is maintained in proper working condition.
5. Aircraft Noise.
6. Properties located within the Gaming Enterprise District located between Sahara Avenue and St. Rose Parkway and Koval Lane or its alignment and Cameron Street or its alignment.  
(Ord. 4089 § 1 (part), 3/2013; Ord. 2907 § 11 (part), 7/2003)

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 shall be designed to prevent light from shining directly onto abutting residential uses. See Chapter 30.48 and Section 30.56.135 for additional “Lighting Standards”. (Ord. 4481 § 14, 5/2017; Ord. 3757 § 10, 4/2009; Ord. 3688 § 13, 10/2008; Ord. 2907 § 11 (part), 7/2003)
- 30.68.040 Vibration.** Vibration shall not be discernable to the human senses at any property line at any time. This requirement shall not apply to properties located within the Gaming Enterprise District located between Sahara Avenue and St. Rose Parkway and Koval Lane or its alignment and Cameron Street or its alignment. (Ord. 4089 § 1 (part), 3/2013; Ord. 2907 § 11 (part), 7/2003)
- 30.68.050 Odors.** Odor is regulated by Clark County Air Quality Regulation Section 43 in accordance with Title 9, Chapter 9.08. (Ord 4008 § 33, 3/2012; Ord. 3085 § 57, 6/2004; Ord. 2907 § 11 (part), 7/2003)

**30.68.060 Smoke and Particulate Matter.** Smoke and particulate matter are regulated by the Clark County Air Quality Regulations in accordance with Title 9, Chapter 9.08. (Ord 4008 § 34, 3/2012; Ord. 3085 § 58, 6/2004; Ord. 2907 § 11 (part), 7/2003)

**30.68.070 Hazardous Material.** Hazardous materials, including chemicals and explosives, shall be regulated by the Clark County Fire Code, adopted Building Codes, and by the Nevada Revised Statutes and/or the Nevada Administrative Code. A special use permit is required for hazardous materials storage (See 30.08 and Tables 30.16-4 & 30.44-1). (Ord. 3085 § 59, 6/2004; Ord. 2907 § 11 (part), 7/2003)

**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 proposed uses at 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 adjustments to result in the same or improved site environmental functions required by the standards of this Chapter.
2. The ability of the proposed adjustments to provide the same or enhanced visual character to the site that would result from the application of the required site environmental standards for which alternatives are being offered.
3. The ability of the proposed adjustments to result in site environmental standards that maintain or increase compatibility with adjacent sites as anticipated through the application of the required site environmental standards for which alternatives are being offered. (Ord. 2907 § 11 (part), 7/2003)