

Sec. 19-96. Noise.

The purpose of this section is to ensure that the sound level on any lot does not exceed the values listed in Table B in article XIX. Measurements shall be taken at the lot line of the lot from which the noise is emanating.

(1) *Requirements.* A person shall not cause, emit or allow to be emitted, sound from any source or combination of sources, other than a motor vehicle registered for use on public highways, which when measured in accordance with the procedure described in this section exceeds the sound level limits in Table B in article XIX. Measurement of sound level shall be made at a height of four (+ or -) 0.5 feet, at a horizontal distance of five (+ or -) 0.5 feet from a lot line or right-of-way line on any lot or right-of-way other than that on which the sound source or sources being measured is located. A violation shall be deemed to exist only if the sound level measured with the sound source or combination of sources of interest in operation is at least six decibels greater than the sound level measured with the sound source or sources not in operation. Sound shall be measured at intervals of time not to exceed five minutes. Reported duration associated with the reported sound level is that amount of time encompassing all measurementstaken to obtain the sound level. For each measurement, observations shall be made of the meter reading each five seconds until the number of observations equals the difference in decibels between the largest and smallest observed sound level; the measured sound level shall be equal to the average of the observations so obtained. The reported sound level shall be the lowest measured sound level.

a. All measurements shall be made using a sound level meter which meets the requirements of the American National Standard S1.4-1961, "General Purpose Sound Level Meters," and which has been set for fast meter response and the A-weighting network.

b. When reporting a sound level for any duration less than 50 percent per hour, sound level measurements shall also be reported for each five-minute (or smaller) interval over a full one-hour period.

(2) *Exceptions.* No exceptions to the nighttime limits specified for R-1-R, R-1, R-1-S, R-2, R-3 and RO-1 districts shall be made. Authorization to exceed the other limits by as much as 15 decibels may be granted by the township supervisor for temporary use of equipment not normally used in the applicable districts. Such authorization shall be granted only after a written application for an exception has been submitted to the township supervisor. The period over which an exception may be granted shall be limited to 90 days.

(Ord. No. A57, § 4.37, 6-20-90)