

Section ~~13-315.13~~ 13-315.11—Vibration

No vibrations transmitted through the ground shall be discernible without the aid of instruments at or beyond the lot line; nor shall any vibration produced exceed 0.002g (measured at or beyond the lot line) using either seismic or electronic vibration measuring equipment.

Section ~~13-315.14~~ 13-315.12—Noise

(a) No noise shall be objectionable due to intermittence, beat, frequency or shrillness; sound pressure level (at the lot line) of noise radiated continuously from a facility between the hours of 9:00 p.m. and 7:00 a.m., in any octave band of frequency, shall not exceed the values hereinbelow set forth:

Frequency Band Cycles per Second	Sound Pressure Level Decibels re 0.0002 dyne/cm <sup>2</sup>
(1) 20-75	69
(2) 75-150	60
(3) 150-300	56
(4) 300-600	51
(5) 600-1200	42
(6) 1200-2400	40
(7) 2400-4800	38
(8) 4800-10,000	35

(b) If a lot line lies within twenty-five feet (25') of the boundary of a residential district, the sound pressure level (at the lot line), in any octave band of frequency, shall not exceed the values hereinbelow set forth:

Frequency Band Cycles per Second	Sound Pressure Level Decibels re 0.0002 dyne/cm <sup>2</sup>
(1) 20-75	65
(2) 75-150	50
(3) 150-300	43
(4) 300-600	38
(5) 600-1200	33
(6) 1200-2400	30
(7) 2400-4800	28
(8) 4800-10,000	26

(c) Notwithstanding the provisions of subsections (a) and (b) hereof, if the noise is not smooth and continuous and is not radiated between the hours of 9:00 p.m. and 7:00 a.m., one or more of the corrections in table set forth below shall be added to or subtracted from each of the decibel levels set forth in the tables in subsections (a) and (b) of this section; provided that only one correction may be applied in the case of subsections (2), (3) and (4) of this subsection.

Type of Operation in Character of Noise	Correction in Decibel
(1) Daytime operation only	plus 5
(2) Noise source operates less than 20% of any one-hour period	plus 5
(3) Noise source operates less than 5% of any one-hour period	plus 10
(4) Noise source operates less than 1% of any one-hour period	plus 15