

Section 13
PERFORMANCE STANDARDS

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13.1 PURPOSE

The performance standards set forth herein are established to protect the public health, safety, comfort, convenience and the general welfare of the Village and to promote a more desirable environment in which to live and work within the Village.

13.2 NOISE

No person shall emit beyond the boundary of his property any sound that unreasonably interferes with another person's enjoyment of property or life or with any lawful business or activity or so as to violate any regulation set forth herein.

Lands are to be classified into three classes:

Class A is to consist of areas especially noise sensitive in that they incorporate sleeping quarters, namely, residential and institutional areas.

Class B is to consist of retail commercial and office commercial land uses, as well as recreational and open space uses.

Class C is to include all industrial and manufacturing uses.

The applicable land use designation for undeveloped land shall be determined by the predominant land use of the surrounding property or, if no use is predominant, by the most restrictive designation applicable to any of the surrounding property.

The following standards shall apply:

13.2-1

No person shall cause or allow the emission of any noise to abutting Class A property from land used as designated below in excess of the levels specified below, in the designated octave bands, when measured at any point on or beyond the property line of the land on which the noise originates.

Octave Band Center Frequency (Hertz)	Maximum Sound Pressure Levels (dB) at Emitter's Property Line		
	C	B	A
31.5	75	72	72
63	74	71	71
125	69	65	65
250	64	57	57
500	58	51	51
1000	52	45	45
2000	47	39	39
4000	43	34	34
8000	40	32	32
A-Level	61 dB (A)	55 dB (A)	55 dB (A)

Octave Band Center Frequency (Hertz)	Maximum Sound Pressure Levels (dB) at Emitter's Property Line		
	C	B	A
31.5 Nighttime	69	63	63
63	67	61	61
125	62	55	55
250	54	47	47
500	47	40	40
1000	41	35	35
2000	36	30	30
4000	32	25	25
8000	32	25	25
A-Level	51 dB (A)	45 dB (A)	45 dB (A)

13.2-2

No person shall cause or allow the emission of any noise to abutting Class B property from land used as designated below in excess of the levels specified below, in the designated octave bands, when measured at any point on or beyond the property line of the land on which the noise originates.

Octave Band Center Frequency (Hertz)	Maximum Sound Pressure Levels (dB) at Emitter's Property Line		
	C	B	A
31.5	80	79	72
63	79	78	71
125	74	72	65
250	69	64	57
500	63	58	51
1000	57	52	45
2000	52	46	39
4000	48	41	34
8000	45	39	32
A-Level	66 dB (A)	62 dB (A)	55 dB (A)

13.2-3

No person shall cause or allow the emission of any noise to abutting Class C property from land used as designated below in excess of the levels specified below, in the designated octave bands, when measured at any point on or beyond the property line of the land on which the noise originates.

Octave Band Center Frequency (Hertz)	Maximum Sound Pressure Levels (dB) at Emitter's Property Line	
	C	All Other
31.5	80	79
63	83	78
125	78	72
250	73	64
500	67	58
1000	60	52
2000	54	46
4000	50	41
8000	47	39
A-Level	70 dB (A)	62 dB (A)

13.3 AIR POLLUTION

The Village hereby adopts the IEPA Air Pollution Regulations. The IEPA Air Pollution Regulations as adopted by the Illinois Pollution Control Board of April 14, 1972 and published by the IEPA and all amendments thereto, are hereby adopted by reference and made part of this section.

Copies of the IEPA Agency Air Pollution Regulations shall be kept on file in the Office of the Village Clerk for public inspection in accordance with 65 ILCS 5/1-3-1 et seq.

Any person who violates any provision of the IEPA Air Pollution Regulations shall be subject to Section 27, Violations; Penalties, of this Zoning Code.

13.4 WATER POLLUTION

The Village hereby adopts the IEPA Water Pollution Regulations. The IEPA Water Pollution Regulations as adopted by the Illinois Pollution Control Board on March 7, 1972 and published by the IEPA, and all amendments thereto, are hereby adopted by reference and made part of this Section 22.4.

Copies of the IEPA Water Pollution Regulations shall be kept on file in the Office of the Village Clerk for public inspection in accordance with 65 ILCS 5/1-3-1 et seq.

Any person who violates any provision of the IEPA Water Pollution Regulations shall be subject to Section 27, Violations; Penalties, of this Zoning Code.

13.5 OPEN BURNING

See Chapter 22, Comprehensive Fire & Burning Ordinance, of the Johnsborg Municipal Code.

13.6 ODORS

No odor shall be emitted by any use permitted in a zoning district in such quantities as to be readily detectable by an individual at any point on the lot line of the premises.

13.7 NOXIOUS GASES

Processes and operations of permitted uses capable of dispersing gases or toxic particulates into the atmosphere must be hooded or otherwise suitably enclosed. The emission of such toxic gases or particulate matter shall be from a stack.

13.8 GLARE AND HEAT

Operations producing intense light or heat shall be performed within an enclosed building and not be visible beyond any lot line bounding the property whereon the use is conducted.

13.9 VIBRATIONS

There shall be no uses which create heavy, earth-shaking vibrations which are noticeable at the lot line of the subject premises.