

Article H: Performance Standards

Sec. 13-1-120 Article Intent.

It is the intent of this Article to use performance standards for the regulation of uses to facilitate a more objective and equitable basis for control and to insure that the community is adequately protected from potential hazardous and nuisance-like effects. This Chapter permits specific uses in specific districts and these performance standards are designed to limit, restrict and prohibit the effects of those uses outside their premises or district. No structure, land or water shall hereafter be used except in compliance with the district regulations and with the following environmental performance standards.

Sec. 13-1-121 Noise.

- (a) **I-1 District Noise.** No activity in an I-1 Industrial District shall produce a sound level outside the district boundary that exceeds the following sound level measured by a sound level meter and associated octave band filter:

| Octave Band Frequency (Cycles Per Second) | Sound Level (Decibels) |
|--|-----------------------------------|
| 0 to 75 | 79 |
| 75 to 150 | 74 |
| 150 to 300 | 66 |
| 300 to 600 | 59 |
| 600 to 1200 | 53 |
| 1200 to 2400 | 47 |
| 2400 to 4800 | 41 |
| above 4800 | 39 |

- (b) **Other Districts.** No other activity in any other district shall produce a sound level outside its premises that exceeds the following:

| Octave Band Frequency (Cycles Per Second) | Sound Level (Decibels) |
|--|-----------------------------------|
| 0 to 75 | 72 |
| 75 to 150 | 67 |
| 150 to 300 | 59 |
| 300 to 600 | 52 |
| 600 to 1200 | 46 |
| 1200 to 2400 | 40 |
| 2400 to 4800 | 34 |
| above 4800 | 32 |

All noise shall be so muffled or otherwise controlled as not to become objectionable due to intermittence, duration, beat frequency, impulse character, periodic character or shrillness.

- (c) **Exempt Noises.** The following noises are exempt from the regulations:
- (1) Noises not directly under the control of the property owner.
 - (2) Noises from temporary construction or maintenance activities during daylight hours.
 - (3) Noises from emergency, safety or warning devices.

Sec. 13-1-122 Vibration.

- (a) No activity in any district shall emit vibrations which are discernable without instruments outside its premises. No activity shall emit vibrations which exceed the following displacement measured with a three-component measuring system:

| Frequency (Cycles Per Second) | Displacement in Inches | |
|--|-------------------------------|-----------------------------|
| | Outside the Premises | Outside the District |
| 0 to 10 | .0020 | .0004 |
| 10 to 20 | .0010 | .0002 |
| 20 to 30 | .0006 | .0001 |
| 30 to 40 | .0004 | .0001 |
| 40 to 50 | .0003 | .0001 |
| 50 and Over | .0002 | .0001 |

- (b) Vibrations not directly under the control of the property user and vibrations from temporary construction or maintenance activities shall be exempt from the above standard.

Sec. 13-1-123 Glare and Heat.

No unsanctioned activity shall emit glare or heat that is visible or measurable outside its premises, except activities in the industrial district which may emit direct or sky-reflected glare which shall not be visible outside their district. All operations producing intense glare or heat shall be conducted within a completely enclosed building. Exposed sources of light shall be shielded so as not to be visible outside their premises.

Sec. 13-1-124 Odor.

No operation or activity shall emit any substance or combination of substances in such quantities that create an objectionable odor as defined in Ch. NR 154.18, Wis. Adm. Code.

Sec. 13-1-125 Fire and Explosive Hazards.

All activities involving the manufacturing, utilization, processing or storage of inflammable and explosive material shall be provided with adequate safety devices against the hazard of fire and explosion, and with adequate fire-fighting and fire-suppression equipment and devices that are standard in the industry. All materials that range from active to intense burning shall be manufactured, utilized, processed and stored only in completely enclosed buildings which have incombustible exterior walls and an automatic fire extinguishing system.

Sec. 13-1-126 Air Pollution.

- (a) No operation or activity shall emit into the ambient air from any direct or portable source any matter that will affect visibility in excess of the limitations established in Chapter NR 154.11(6), Wis. Adm. Code.
- (b) No activity or operation shall be established or maintained which by reason of its nature causes emission of any fly ash, dust, fumes, vapors, mists or gases in such quantities as to cause soiling or danger to the health of persons, animals, vegetation or property. In no case shall any activity emit any liquid or solid particles in concentrations exceeding 0.3 grains per cubic foot of the conveying gas, nor any color visible smoke equal to or darker than No. 2 on the Ringlemann Chart described in the United States Bureau of Mines' Information Circular 7718 in any Industrial District.

Sec. 13-1-127 Hazardous Pollutants.

- (a) **Pollutants.** No operation or activity shall emit any hazardous substances in such a quantity, concentration or duration as to be injurious to human health or property, and all emissions of hazardous substances shall not exceed the limitations established in Chapter NR 154.19, Wis. Adm. Code.
- (b) **Liquid or Solid Wastes.** No activity shall discharge at any point onto any land or into any water or public sewer any materials of such nature, quantity, noxiousness, toxicity or temperature which can contaminate, pollute or harm the quantity or quality of any water supply; can cause the emission of dangerous or offensive elements; can overload the existing municipal utilities; or can injure or damage persons or property.
- (c) **Water Quality Protection.**
 - (1) No activity shall locate, store, discharge, or permit the discharge of any treated, untreated, or inadequately treated liquid, gaseous, or solid materials of such nature, quantity, obnoxiousness, toxicity, or temperature that might run off, seep, percolate, or wash into surface or subsurface waters so as to contaminate, pollute, or harm such waters or cause nuisances such as objectionable shore deposits, floating or submerged debris, oil or scum, color, odor, taste, or unsightliness or be harmful to human, animal, plant, or aquatic life.
 - (2) In addition, no activity shall withdraw water or discharge any liquid, or solid materials so as to exceed, or contribute toward the exceeding of, the minimum standards and those other standards and the application of those standards set forth in Ch. NR 102, Wis. Adm. Code.

Sec. 13-1-128 Radioactivity and Electrical Disturbances.

No activity shall emit radioactivity or electrical disturbances outside its premises that are dangerous or adversely affect the use of neighboring premises.

Sec. 13-1-129 Refuse.

All waste material, debris, refuse or garbage not disposed of through the public sanitary sewerage system shall be kept in an enclosed building or properly contained in a closed container designed for such purposes. The owner of vacant land shall be responsible for keeping such land free of refuse.