

## **SECTION 11.0 – PERFORMANCE STANDARDS**

### 11.1 Compliance

This Chapter permits specific uses in specific districts; 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 its district regulations and the following performance standards.

### 11.2 Air Pollution

No activity shall emit 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 other forms of property. No activity shall 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 Ringelmann Chart described in United States Bureau of Mines Information Circular 8333.

### 11.3 Fire and Explosive Hazards

All industrial activities involving the manufacturing, utilization, processing, or storage of flammable and explosive materials shall have adequate safety devices to guard against the hazard of fire and explosion, and shall also have adequate fire-fighting and fire-suppression equipment and devices, so that they are in full compliance with all applicable state and federal regulations. In any industrial activity, the above-ground storage capacity of materials that produce flammable or explosive vapors shall not exceed the following:

<u>Closed Cup Flash Point</u>	<u>Gallons</u>
Over 187° F.	400,000
105° to 187° F.	200,000
Below 105° F.	100,000

### 11.4 Glare and Heat

No industrial activity shall emit glare or heat that is visible or measurable outside its premises. All industrial operations producing intense glare or heat shall be conducted within a completely enclosed building, and exposed sources of light from such operations shall be shielded so as not to be visible outside their premises.

### 11.5 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 that can contaminate, pollute, or harm the quantity or quality of any water supply, cause the emission of dangerous or offensive elements, overload municipal utilities, or injure or damage persons or property.

### 11.6 Noise

No industrial activity shall produce a sound level outside the M-1 District boundary that exceeds the following sound levels measured by a sound level meter and associated octave band filter:

<u>Octave Band Frequency</u> <u>(Cycles per Second)</u>			<u>Sound Level</u> <u>(Decibels)</u>
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
4800	and	above	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.

11.7 Odors

No activity shall emit any odorous matter of such nature or quantity as to be offensive, obnoxious, or unhealthful outside its premises. The guide for determining odor measurement and control shall be Section NR 429.03 of the Wisconsin Administrative Code. Agricultural odors associated with normal agricultural activities are exempted from this section.

11.8 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.

11.9 Vibration

No activity in any district shall emit vibrations which are discernible without instruments outside its premises. No activity in the M-1 District shall emit vibrations which exceed the following displacement measured with a three-component measuring system:

Frequency	Outside the	Outside the
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<u>(Cycles Per Second)</u>	<u>Premises</u>	<u>District</u>
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 above	.0002	.0001

#### 11.10 Water Quality Protection

- (1) No activity shall locate, store, discharge, or permit the discharge of any treated, untreated, or inadequately treated solid, liquid, or gaseous materials of such nature, quantity, obnoxiousness, toxicity, or temperature that would be likely to 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 discharge any solid, liquid, or gaseous 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 Chapter NR 102 of the Wisconsin Administrative Code for all navigable waters.