SECTION 10.00 PERFORMANCE STANDARDS

10.01 COMPLIANCE
This Ordinance permits specific uses in specific districts; and these performance standards are designed to limit, restrict, and prohibit the effects of those uses outside their lot lines or district. All structures, land, air, and waters shall hereafter, in addition to their use and site regulations, shall comply with the following performance standards.

10.02 AIR POLLUTION
No person or activity shall emit any fly ash, dust, fumes, vapors, mists, or gases in such quantities so as to substantially contribute to exceeding state or federal air pollution standards.

10.03 FIRE AND EXPLOSIVE HAZARDS
All activities involving the manufacturing, utilization, processing, or storage of flammable or explosive materials 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, or stored only within completely enclosed buildings which have incombustible exterior walls and an automatic fire extinguishing system. The above-ground storage capacity of materials that produce flammable or explosive vapors shall not exceed 50,000 gallons.

10.04 GLARE AND HEAT
No activity shall emit glare or heat that is visible or measurable outside its lot lines except activities which may emit 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 lot lines.

10.05 WATER QUALITY PROTECTION
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.

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 set forth in Chapter NR 102 of the Wisconsin Administrative Code.

10.06 NOISE

No activity in any manufacturing 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 level 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 1,200	53
1,200 to 2,400	47
2,400 to 4,800	41
above 4,800	39

No activity in any other district shall produce a sound level outside its lot lines 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 1,200	46
1,200 to 2,400	40
2,400 to 4,800	34
above 4,800	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.

10.07 ODORS

No non-agricultural activity shall emit any odorous matter of such nature or quantity as to be offensive, obnoxious, or unhealthful outside their premises. The guide for determining odor measurement and control shall be Chapter NR 429 of the Wisconsin Administrative Code and amendments thereto.

10.08 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.

10.09 VIBRATION

No activity shall emit vibrations which are discernible 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 (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

10.10 LIGHTING

No exterior lighting used for parking lots, recreational facilities, product display, or security shall be permitted to spill over on operators of motor vehicles, pedestrians, and uses of land in abutting lots or public rights-of-way. These requirements shall not apply to lighting placed in a public right-of-way for public safety. Accent lighting and low voltage lighting (12 volts or less) are exempt from these requirements.

A.   Orientation. No exterior lighting fixture shall be oriented so that the lighting element (or a transparent shield) is visible from a property in a residential district. Light rays shall not be directed into street rights-of-way or upward into the atmosphere. The use of shielded luminaries, or luminaries with cutoff optics, and careful fixture placement is encouraged to facilitate compliance with this requirement.

B.   Minimum Lighting Standards. All areas designated on approved site plans for vehicular parking, loading, or circulation and used for any such purpose after sunset shall provide artificial illumination in such areas at a minimum intensity of 0.4 foot-candles, exclusive of approved anti-vandal lighting.

C.   Intensity of Illumination. The intensity of illumination, measured at the property line, shall not exceed 0.5 foot-candles.

D.   Flashing, Flickering, and other Distracting Lighting which may distract motorists is prohibited.

E.   Nonconforming Lighting. All lighting fixtures approved prior to the adoption of this Ordinance not meeting the above criteria shall be treated and regulated as legal nonconforming uses under Section 8.00.