

## Article X, Performance Standards

*Introduction: This Article provides standards for all uses permitted by this Ordinance. These standards are intended to apply in addition to all other requirements of this Ordinance. The enforcement of the following standards shall be by the Zoning Officer, and all decisions regarding these standards shall be based upon measurements made by the Zoning Officer.*

### **Sec. 10.01 Performance Requirements for All Uses.**

Uses in all districts of the Village shall comply with the standards of performance set forth in this Article (generally accepted methods of collection and standard methods of chemical analysis shall be used in the application of those standards). In addition to the requirements listed in this Article, there shall not be discharged from any source whatsoever such quantities of air contaminants hazardous to persons or the public or which cause injury or damage to business or property.

### **Sec. 10.02 Air Contaminants.**

Air contaminants shall be measured not less than 100 feet and not more than one-quarter mile from stack or source. Air contaminants less dark in shade than that designated as No.2 on the Ringelmann Chart, as published by the U.S. Bureau of Mines, are permitted except that No.2 is permitted for one four minute period in each one-half hour. Air contaminants of such opacity as to obscure observer's view to a degree equal to or greater than described above shall not be permitted except that essentially water vapor effluents in the range of white or cream may be excepted from this rule.

### **Sec. 10.03 Particulate Matter.**

Particulate matter and dust shall be measured at a convenient measuring point nearest to stack outlet or source. Particulate matter or dust, as measured at and by any generally accepted manner, shall not be emitted in excess of three-tenths grain per cubic foot of flue gas at a stack temperature of 500 degrees Fahrenheit not exceeding 50 percent excess air, except for periods of four minutes in any one-half hour, when it can equal but not exceed five-tenths grains per cubic foot of flue gas at a temperature of 500 degrees Fahrenheit not exceeding 50 percent excess air.

**Sec. 10.04 Gases as Measured at the Property Line.**

Sulfur dioxide gas shall not exceed an average of three-tenths part per million over a 24 hour period, provided, however, a maximum concentration of five-tenths part per million will be allowed for a one hour period out of a 24 hour period; hydrogen sulfide shall not exceed one-tenth part per million; fluorine shall not exceed one-tenth part per million; nitrous fumes shall not exceed five parts per million; carbon monoxide shall not exceed 15 parts per million.

**Sec. 10.05 Radioactive Material.**

Radioactive materials shall not be emitted to exceed quantities established as safe by the United States Bureau of Standards or as amended from time to time.

**Sec. 10.06 Fire Hazards.**

Any activity involving the use or storage of flammable or explosive materials shall be protected by adequate fire-fighting and fire-prevention equipment and by such safety devices as are normally used in the handling of any such material. Such hazards shall be kept removed from adjacent activities to a distance which is compatible with the potential danger involved.

**Sec. 10.07 Noise.**

Objectionable noise which is due to volume, frequency, or heat shall be muffled or otherwise controlled. Air-raid sirens and related apparatus used solely for public purposes are exempt from this requirement.

**Sec. 10.08 Vibration.**

No vibration shall be permitted which is discernible without instruments on any adjoining lot or property.

**Sec. 10.09 Erosion.**

No erosion, by either wind or water, shall be permitted which will carry objectionable substances onto neighboring properties.