

CHAPTER 17.18 PERFORMANCE STANDARDS

17.18.010 GENERALLY

No use otherwise allowed shall be permitted within any district which does not conform to the following standards of use, occupancy and operation, which standards are hereby established as the minimum requirements to be maintained within such area.

17.18.020 SMOKE

It shall be unlawful for any person to permit the emission of any smoke from any source whatever to a density greater than that density described as No. 1 on the Ringelmann Chart; provided that the following exceptions shall be permitted: Smoke, the shade or appearance of which is equal to but not darker than No. 2 of the Ringelmann Chart for a period or periods aggregating 4 minutes in any 30 minutes.

Method measurement: For the purpose of grading the density of smoke, the Ringelmann Chart, as now published and used by the United States Bureau of Mines, which is hereby made a part of this chapter, shall be the standard. However, the umbrascopes readings of smoke densities may be used when correlated with Ringelmann's Chart.

17.18.030 DUST, DIRT, AND FLY ASH

No person shall operate any process for any purpose, or furnace or combustion device for the burning of coal or other natural or synthetic fuels without maintaining and operating, while using such process, furnace or combustion device, recognized and approved equipment, means, method, device or contrivance to reduce the quantity of gas-borne or air-borne solids or fumes emitted into the open air. The approved equipment shall result in the quantity of gas-borne or air-borne solids not exceeding 0.20 grains per cubic foot of the carrying medium at a temperature of 500 degrees Fahrenheit.

Method of measurement: For the purpose of determining the adequacy of such devices these conditions shall be conformed to when the percentage of excess air in the stack does not exceed 50 percent at full load. The foregoing requirement shall be measured by the A.S.M.E. test code for dust-separating apparatus.

All other forms of dust and dirt shall be completely eliminated, insofar as escape or emission into the open air is concerned. The Building Official may require such additional data as is deemed necessary to show that adequate and approved provisions for the prevention and elimination of dust and dirt have been made.

17.18.040 OUTDOOR STORAGE

The open storage for junk, scrap, salvage, waste products or construction materials, where the operations are for the conversion to salable materials, shall be screened from a public street, and from adjoining properties by an enclosure consisting of an obscuring masonry wall not less than 8 feet in height.

17.18.050 GLARE AND RADIOACTIVE MATERIALS

Glare from any process (such as arc welding or acetylene torch cutting) which emits harmful ultraviolet rays shall be performed in such a manner as not to be seen from any point beyond the property line and as not to create a public nuisance or hazard along lot line. Radioactive materials and wastes shall not be emitted to exceed quantities established as safe by the U.S. Bureau of Standards, when measured at the property line.

17.18.060 FIRE AND EXPLOSIVE HAZARDS

- A.** In the M-1 District, the storage, utilization, or manufacture of materials or products ranging from incombustible to moderate burning, as determined by the Fire Marshal, shall be permitted, subject to compliance with all other performance standards mentioned in this chapter.

The storage, utilization, or manufacturing of materials, goods, or products ranging from free or active burning to intense burning, as determined by the Fire Marshal, shall be permitted subject to compliance with all setback requirements, see *Area, Height, Bulk, and Placement Requirements* for applicable zoning district, and performance standards previously mentioned and providing that the following conditions are met:

1. Said materials or products shall be stored, utilized or produced within a completely enclosed building or structure having incombustible exterior walls, which meet the requirements of Title 15 Buildings and Construction.
 2. All such buildings or structures shall be setback at least 40 feet from lot lines, or lieu thereof, all such buildings or structures shall be protected throughout by an automatic sprinkler system complying with installation standards prescribed by the National Fire Protection Association.
- B.** The storage and handling of flammable liquids, liquefied petroleum gases and explosives shall comply with the State Rules and Regulations as established by Public Act No. 207 of 1941.