

22.0 REGULATION OF FUGITIVE DUST AND MATERIALS

22.1 Required Control

On or after the effective date of these regulations, no person shall cause, suffer, allow, or permit any materials to be handled, transported, or stored; or a building, its appurtenances, or a road to be used, constructed, altered, repaired, or demolished without taking reasonable precautions to prevent particulate matter from becoming airborne. Such reasonable precautions shall include, but not be limited to, the following:

- A. Use, where possible, water or chemicals for control of dust or materials in demolition of existing buildings or structures, construction operations, grading of roads, or the clearing of land.
- B. Application of asphalt, oil, water, or suitable chemicals on dirt roads, materials stock piles, and other surfaces which can create airborne dusts or materials.
- C. Installation and use of hoods, fans, and fabric filters to enclose and vent the handling of dusty materials. Adequate containment methods shall be employed during sandblasting or other similar operation.
- D. Covering at all times, when in motion, open bodied trucks transporting materials likely to become airborne.
- E. The paving of roadways.
- F. The prompt removal of earth and other materials from paved streets in which earth or other materials have been transported by trucking or earth moving equipment, erosion, water, or other means.
- G. When dust, fumes, gases, odorous matter, vapors, or any combination thereof escape from a building or equipment in such a manner and amount as to cause a nuisance or to violate any regulation, the Director may order that the building or equipment in which processing, handling, and storage are done, be tightly closed, ventilated in such a way that all air and gases or gas-borne material leaving the building or equipment are treated by removal or destruction of air contaminants before discharge to the open air.
- H. The maintenance of roadways in a clean condition.

22.2 Evaluation Method

Where applicable, visual determination of opacity of emissions will be by Tennessee Visible Emissions Evaluation Methods 1, 2, 3, and 4, as amended, by the Tennessee Division of Air Pollution Control, as appropriate.

22.3 Visible Emission Standard

No person shall cause, suffer, allow, or permit fugitive dust to be emitted in such manner to exceed five (5) minutes per hour, or twenty (20) minutes per day, as to produce a visible emission beyond the property line of the property on which the emission originates, excluding malfunction of equipment as provided in Section 34.0, Malfunction of Equipment.