

CHAPTER 3

FORSYTH COUNTY AIR QUALITY CONTROL¹

SUBCHAPTER 3D - AIR POLLUTION CONTROL REQUIREMENTS

SECTION .0200 - AIR POLLUTION SOURCES

Section .0201 Classification of Air Pollution Sources

(a) Purpose. This Regulation establishes a system for classifying air pollution sources. The Director shall use this classification system to classify air pollution sources which the Director believes to be of sufficient importance to justify classification or control.

(b) Scope. This Regulation shall apply to all air pollution sources, both combustion and non-combustion. The following system for classifying air pollution sources shall be used:

- (1) "Class I-C" includes all sources of air pollution using fuel burning equipment for the production of heat to generate electricity for public use.
- (2) "Class II-C" includes all sources of air pollution using fuel burning equipment for the production of steam, and for other process uses at commercial and industrial establishments.
- (3) "Class III-C" includes all sources of air pollution using fuel burning equipment for comfort heating at institutional, commercial or industrial establishments, or apartment houses having a central heating system serving more than four apartments.
- (4) "Class IV-C" includes all sources of air pollution burning trash, rubbish, refuse, or similar materials in incinerators, teepee burners, or similar devices.
- (5) "Class V-C" includes all sources of air pollution using fuel burning equipment for comfort heating that are not included in Class III-C.
- (6) "Class VI-C" includes all sources of air pollution using internal combustion engines.
- (7) "Class I-I" includes all sources of air pollution resulting from industrial plants engaged in the manufacture of chemicals or allied products whose processes depend on the chemical reaction of two or more elements or compounds and includes plants producing acids, fertilizer materials, dyestuff, synthetic fibers and industrial gases.
- (8) "Class II-I" includes all sources of air pollution resulting from industrial plants engaged in the production of pulp and paper.
- (9) "Class III-I" includes all sources of air pollution resulting from the mining and processing of minerals, stone, clay and cement products, and includes phosphate ore, mica and feldspar operations, stone quarries and crushers,

¹**Cross references**--Buildings and building regulations, Ch. 7; erosion control, Ch. 9; fire prevention and protection, Ch. 10; zoning ordinance, Ch. 23.

State law references--Air pollution control, G.S. §143-215.105 *et seq.*; authority of Board of County Commissioners to establish, administer, and enforce a local air pollution control program. G.S. §143-215.112(c); authority to levy taxes to maintain and administer such program, G.S. §153A-149(c)(3).

- cement plants, concrete mixing plants, and masonry block plants.
- (10) "Class IV-I" includes all sources of air pollution resulting from industrial operations using petroleum products, and includes asphalt mix plants, roofing felt plants, and petroleum products storage areas.
 - (11) "Class V-I" includes all sources of air pollution resulting from furniture, lumber, or wood product plants.
 - (12) "Class VI-I" includes all sources of air pollution resulting from textile manufacturing, textile dyeing or finishing plants.
 - (13) "Class VII-I" includes all sources of air pollution resulting from the shelling, drying, storage, ginning and processing of tobacco, corn, soybeans, peanuts, cotton, fruits, vegetables, or other agricultural products.
 - (14) "Class VIII-I" includes all sources of air pollution resulting from industries engaged in the processing of metals, and includes smelting, casting foundries, metal working, and other similar operations.
 - (15) "Class IX-I" includes all sources of air pollution resulting from slaughtering and processing of meat, poultry, fish, and similar products and from rendering or the recovering of by-products of these operations.
 - (16) "Class X-I" includes all sources of air pollution resulting from industries which do not fall within the classifications described in Subparagraphs (b) (7) through (b) (15) of this Regulation.

These sources shall be controlled pursuant to the requirements of regulations and other provisions of law. (Ord. No. 9-94, 12-19-94)

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Section .0202 Registration of Air Pollution Sources

(a) The Director may require the owner or operator of a source of air pollution to register that source.

(b) Any person required to register a source of air pollution with the Forsyth County Environmental Affairs Department shall register the source on forms provided by the Forsyth County Environmental Affairs Department and shall provide the following information:

- (1) the name of the person, company, or corporation operating the sources;
- (2) the address, location, and county;
- (3) principal officer of the company;
- (4) quantities and kinds of raw materials used;
- (5) process flow sheets;
- (6) operating schedules;
- (7) total weights and kinds of air pollution released;
- (8) types and quantities of fuels used;
- (9) stack heights; and
- (10) other information considered essential in evaluating the potential of the source to cause air pollution.

The forms shall be completed and returned to the Forsyth County Environmental Affairs Department within 60 days following their receipt. (Ord. No. 9-94, 12-19-94)

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