

**15A NCAC 02D .0506 PARTICULATES FROM HOT MIX ASPHALT PLANTS**

(a) The allowable emission rate for particulate matter resulting from the operation of a hot mix asphalt plant that are discharged from any stack or chimney into the atmosphere shall not exceed the level calculated with the equation

$$E = 4.9445(P)^{0.4376}$$

calculated to three significant figures, for process rates less than 300 tons per hour, where "E" equals the maximum allowable emission rate for particulate matter in pounds per hour and "P" equals the process rate in tons per hour. The allowable emission rate shall be 60.0 pounds per hour for process rates equal to or greater than 300 tons per hour.

(b) Visible emissions from stacks or vents at a hot mix asphalt plant shall not exceed 20 percent opacity when averaged over a six-minute period.

(c) All hot mix asphalt batch plants shall be equipped with a scavenger process dust control system for the drying, conveying, classifying, and mixing equipment. The scavenger process dust control system shall exhaust through a stack or vent and shall be operated and maintained in such a manner as to comply with Paragraphs (a) and (b) of this Rule.

(d) Fugitive non-process dust emissions shall be controlled by 15A NCAC 02D .0540.

(e) Fugitive emissions for sources at a hot mix asphalt plant not covered by Paragraphs (a) through (d) of this Rule shall not exceed 20 percent opacity averaged over six minutes.

*History Note: Authority G.S. 143-215.3(a)(1); 143-215.107(a)(5);  
Eff. February 1, 1976;  
Amended Eff. August 1, 2004; July 1, 1998; January 1, 1985;  
Readopted Eff. November 1, 2020;  
Amended Eff. November 1, 2023.*