

7011.0903 COMPLIANCE WITH AMBIENT AIR QUALITY STANDARDS.

Subpart 1. **Fuel sulfur content limitation.** Notwithstanding part 7011.0913, no owner or operator of a hot mix asphalt plant shall use in the dryer burner any fuel with a sulfur content greater than 0.70 percent, unless:

A. authorized by a part 70, state, or general permit; or

B. compliance with part 7009.0080 has been demonstrated under subpart 2 for each dryer fuel with a sulfur content greater than 0.70 percent.

Subp. 2. **Modeling of emissions from high sulfur content fuels.** Prior to the use of each dryer fuel with a sulfur content greater than 0.70 percent, the owner or operator of a hot mix asphalt plant shall perform air dispersion modeling to determine whether burning that fuel would comply with the ambient air quality standard for sulfur dioxides (maximum one hour concentration not to be exceeded more than once per year) in part 7009.0080. The owner or operator shall model sulfur dioxide emissions using the most recent version of EPA's screen model described in SCREEN3 Model User's Guide, EPA-454/B-95-004, United States Environmental Protection Agency, Office of Air Quality Planning and Standards, September 1995, which is incorporated by reference and is subject to frequent change. This publication and copies of the SCREEN3 model are available from the Pollution Control Agency library through the Minitex interlibrary loan system, through the National Technical Information Service (NTIS), Springfield, VA, (703) 487-4650, or may be downloaded from the Support Center for Regulatory Air Models (SCRAM) Bulletin Board System (BBS). The SCRAM BBS may be accessed at (919) 541-5742.

Subp. 3. **Records required.**

A. For any fuel used in the dryer burner, except natural gas, methane, butane, propane, gasoline, kerosene, diesel fuel, and No. 1 and No. 2 fuel oil, the owner or operator of a hot mix asphalt plant shall keep for each fuel delivery a record of a vendor certification or fuel analysis which shows the sulfur content of the fuel.

B. The owner or operator of a hot mix asphalt plant that has done modeling under subpart 2 shall keep a record of the modeling results. The record shall include:

- (1) the sulfur content of the fuel modeled;
- (2) the site modeled;
- (3) model output files; and
- (4) supporting calculations.

The owner or operator shall maintain the records required by this subpart for a minimum of five years from the date the record was made.

Subp. 4. **Hot mix asphalt plants with registration permits.** If the commissioner finds that a hot mix asphalt plant that has applied for or been issued a registration permit needs source-specific permit conditions to prevent violation of any ambient air quality standard, the commissioner shall require the owner or operator of the hot mix asphalt plant to apply for and obtain a part 70, state, or general permit. The owner or operator of a hot mix asphalt plant shall submit the required permit application within 120 days of the commissioner's written request under this subpart.

Subp. 5. **Compliance with ambient air quality standards.** Nothing in this part shall be construed to allow violation of any national or state ambient air quality standards. If the commissioner requests it, the owner or operator of a hot mix asphalt plant must demonstrate compliance with the national or state ambient air quality standards.

Statutory Authority: *MS s 116.07*

History: *20 SR 2253(NO. 42)*

Published Electronically: *February 25, 2008*