

Mr. William D. Marvin
Asphalt Engineers, Inc.
59755 Market Street
South Bend, Indiana 46614

Re: SMF 141-9660
First Significant Modification to FESOP 141-6143
Plt ID 141-00026

Dear Mr. Marvin:

Asphalt Engineers, Inc., was issued a Federally Enforceable State Operating Permit (FESOP) on December 9, 1996, for a 126 tons per hour batch-mix asphalt plant to be located at 59755 Market Street South Bend, Indiana. The Office of Air Management (OAM) has determined that the permit requires an additional limiting condition to clarify potential to emit (PTE) limitations on particulate matter 10 microns in diameter or less (PM10) emissions. This additional condition is required to ensure federal enforceability of the PM10 emissions limitation and shall be used as the basis for the PM10 stack testing specified in Condition D.1.8 (Particulate Matter).

Pursuant to the provisions of 326 IAC 2-8-11 (FESOP: Permit Modification), a significant modification to this permit is hereby approved as discussed in the attached Technical Support Document and as described herein:

1. Condition D.1.1a shall be added to the FESOP as Page 27a of 32. The new condition shall read as follows:

D.1.1a Particulate Matter 10 Microns (PM10) [326 IAC 2-8-4]

Pursuant to 326 IAC 2-8-4, emissions of particulate matter 10 microns or less in diameter (PM10) from the aggregate dryer/mixer shall not exceed 20.5 pounds per hour, including both filterable and condensable fractions. Compliance with this limit will satisfy 326 IAC 2-8-4. Therefore, the Part 70 rules (326 IAC 2-7) do not apply.

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this modification to the front of the original FESOP.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Janusz Johnson, OAM at the above address; or by phone at 317-232-8325 or 1800-451-6027 (ext. 2-8325).

Sincerely,

Paul Dubenetzky, Chief
Permits Branch
Office of Air Management

JKJ

Attachments: TSD - 2 pages
Modified FESOP pages - 2 pages

cc: File - St. Joseph County
Air Compliance Section Inspector - Doug Elliot
Compliance Data Section - Jerri Curless
Administrative and Development - Janet Mobley
Technical Support and Modeling - Nancy Landau

**FEDERALLY ENFORCEABLE STATE
OPERATING PERMIT (FESOP)
OFFICE OF AIR MANAGEMENT**

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015
Phone: 1-800-451-6027

**Asphalt Engineers, Inc
59755 Market Street
South Bend, Indiana 46614**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the facilities listed in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 and contains the conditions and provisions specified in 326 IAC 2-8 and 40 CFR Part 70.6 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments) and IC 13-15 and IC 13-17 (prior to July 1, 1996, IC 13-1-1-4 and IC 13-7-10).

Operation Permit No.: F141-6143-00026	
Issued by: Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date: December 9, 1996
First Significant Modification: SMF141-9660	Pages Affected: 27a
Issued by: Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date:

D.1.1a Particulate Matter 10 Microns (PM10) [326 IAC 2-8-4]

Pursuant to 326 IAC 2-8-4, emissions of particulate matter 10 microns or less in diameter (PM10) from the aggregate dryer/mixer shall not exceed 20.5 pounds per hour, including both filterable and condensable fractions. Compliance with this limit will satisfy 326 IAC 2-8-4. Therefore, the Part 70 rules (326 IAC 2-7) do not apply.

Indiana Department of Environmental Management Office of Air Management

Technical Support Document for First Significant Modification to Federally Enforceable State Operating Permit (FESOP)

Source Name: Asphalt Engineers, Inc.
 Source Location: 59755 Market Street, South Bend, Indiana 46614
 County: St. Joseph
 SIC Code: 2951
 Significant Modification No.: SMF141-9660
 Permit Reviewer: Janusz Johnson

A FESOP (F141-6143-00026) was issued to Asphalt Engineers, Inc., on December 9, 1996, for a 126 tons per hour batch-mix asphalt plant. The OAM has determined that an additional limiting condition needs to be added to the FESOP to ensure that the potential to emit (PTE) of particulate matter 10 microns or less in diameter is adequately limited. Addition of the new condition will also provide a basis for the stack testing requirements specified in the FESOP for PM10.

Limited PTE

Based on the revision above, the following is a revised Limited PTE analysis for PM10:

- (a) The source has accepted a federally enforceable limit on potential to emit particulate matter 10 microns or less in diameter (PM10) of 99.0 tons per year, consisting of:
 - (i) 89.8 tons per year for the aggregate dryer/burner and mixer; and
 - (ii) 9.2 tons per year for the other, unlimited and uncontrolled, activities.
- (b) The following table summarizes the total limited potential to emit of the significant and insignificant emission units for PM10.

Process/ facility	Limited PTE (tons/year)					
	PM-10					
dryer/burner & mixer	89.8 *					
conveying/handling	0.3					
storage piles **	0.1					
unpaved roads **	8.7					
hot oil heater	0.1					
Total Emissions	99.0					

* Based on differences in the testing methods which demonstrate compliance for PM and PM-10 limitations, the PM-10 limitation pursuant to 326 IAC 2-8-4 is greater than the PM limitation pursuant to 326 IAC 6-1-18 because it includes the condensable portions in addition to filterable PM-10.

** For the purposes of Part 70 review, fugitive dust controls have not been included in this limited PTE table.

Enhanced New Source Review

This modification has no increase in emissions associated with it and therefore does not need to be reviewed pursuant to the requirements for Enhanced New Source Review (ENSR), 326 IAC 2-1-3.2.

Federal Rule Applicability

There are no changes in Federal rule applicability due to this modification.

State Rule Applicability

There are no changes in State rule applicability due to this modification.

Air Toxic Emissions

There will be no change in the air toxic emissions as a result of this modification.

Conclusion

The modification to the FESOP for this source will be subject to the conditions of the attached proposed **FESOP Significant Modification No. SMF-141-9660**.