



AIR EMISSION PERMIT NO. 12300347- 002
IS ISSUED TO

COMMERCIAL ASPHALT CO - PLANT 905
1359 Red Rock Road
Newport, Dakota County, Minnesota

The emission units, control equipment and emission stacks at the stationary source authorized in this permit are as described in the following permit application(s):

Permit Type	Application Date
Total Facility Operating Permit	August 23, 1996

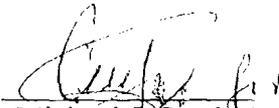
This permit authorizes the Permittee to operate the portable source at the address listed above unless otherwise noted in Table A. The Permittee must comply with all the conditions of the permit. Any changes or modifications to the stationary source must be performed in compliance with Minn. R. 7007.1150 to 7007.1500. Terms used in the permit as defined in the state air pollution control rules unless the term is explicitly defined in the permit.

Permit Type: State

Issue Date: September 10, 1999

Expiration: Non-expiring
All Title I Conditions do not expire.

Amendments to Conditions labeled "Title I Condition: State Implementation Plan for PM10" are required to go through the federal State Implementation Plan approval process before the change becomes effective.


Michael J. Sandusky
Division Manager

for Karen A. Studders, Commissioner
Minnesota Pollution Control Agency

NOTICE TO THE PERMITTEE:

Your stationary source may be subject to the requirements of the Minnesota Pollution Control Agency's (MPCA) solid waste, hazardous waste, and water quality programs. If you wish to obtain information on these programs, including information on obtaining any required permits, please contact the MPCA general information number at:

Metro Area	(651) 296-6300
Outside Metro Area	1-800-657-3864
TTY	(651) 282-5332

The rules governing these programs are contained in Minn. R. chs. 7000-7105. Written questions may be sent to: Minnesota Pollution Control Agency, 520 Lafayette Road North, St. Paul, Minnesota 55155-4194.

Questions about this air emission permit or about air quality requirements can also be directed to the telephone numbers and address listed above.

PERMIT SHIELD:

Subject to the limitations in Minn. R. 7007.1800, compliance with the conditions of this permit shall be deemed compliance with the specific provision of the applicable requirement identified in the permit as the basis of each condition. Certain requirements which have been determined not to apply are listed in Table A of this permit.

FACILITY DESCRIPTION:

This facility manufactures hot mix asphalt for commercial use. The emission units at this facility are: a Drum Dryer, two Asphalt Cement Tanks, a Waste Oil Tank, a Diesel Tank, and an Emergency Generator. The fuels used are used oil, fuel oil, and natural gas. The emissions from the emission units are Particulate Matter (PM), Particulate Matter less than 10 um in size (PM₁₀), Sulfur Oxides (SO_x), Nitrogen Oxides (NO_x), Volatile Organic Compound or Chemical (VOC), and Carbon Monoxide (CO). The pollution control equipment at this facility is a Fabric Filter for the control of PM, PM₁₀ emissions.

Commercial Asphalt Plant – 905 is a potential major contributor of PM₁₀ emissions in the Ramsey County PM₁₀ Non-attainment area, based on computer modeling performed by MPCA staff using the United States Environmental Protection Agency guideline air quality dispersion model ISCST version 90346. This facility is a culpable emission source in the Ramsey County PM₁₀ Non-attainment area.

TABLE A: LIMITS AND OTHER REQUIREMENTS

09/10/99

Facility Name: Commercial Asphalt Co - Plant 905

Permit Number: 12300347 - 002

Table A contains limits and other requirements with which your facility must comply. The limits are located in the first column of the table (What To do). The limits can be emission limits or operational limits. This column also contains the actions that you must take and the records you must keep to show that you are complying with the limits. The second column of Table A (Why to do it) lists the regulatory basis for these limits. Appendices included as conditions of your permit are listed in Table A under total facility requirements.

Subject Item: Total Facility

What to do	Why to do it
<p>Limitations on Hours of Operation: Commercial Asphalt shall not operate this facility during the calendar months of January, February and March.</p>	<p>Title I Condition: State Implementation Plan(SIP) for PM10</p>
<p>During the months of April and December this facility shall not exceed the rate of hot mix (in any 24-hour period) Production: less than or equal to 6,000 tons/day</p>	<p>Title I Condition: State Implementation Plan(SIP) for PM10. This condition expires upon the effective date of EPA approval of incorporating this permit into the SIP.</p>
<p>State Implementation Plan Recordkeeping: Retain all records at the facility for a period of five (5) years from the date of the required monitoring, sample, measurement, or report that corresponds with a "Title I Condition: State Implementation Plan for PM10" requirement.</p>	<p>Title I Condition: State Implementation Plan(SIP) for PM10</p>
<p>Deviations from requirements cited as "Title I Condition: State Implementation Plan for PM10" shall be reported semiannually with the Semiannual Deviations Report required by this permit. If there were no deviations from any requirement cited as "Title I Condition: State Implementation Plan for PM10", the Permittee shall indicate such in the Semiannual Deviations Report.</p>	<p>Title I Condition: State Implementation Plan(SIP) for PM10</p>
<p>Amendments to Title I Conditions: If any permit requirement cited as "Title I Condition: State Implementation Plan for PM10" is amended, the amendment must first comply with the procedures of parts 7007.0850 (Permit Application Notice and Comment) applicable to major amendments to Part 70 permits.</p>	<p>Title I Condition: State Implementation Plan(SIP) for PM10</p>

TABLE A: LIMITS AND OTHER REQUIREMENTS

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TABLE A: LIMITS AND OTHER REQUIREMENTS

Facility Name: Commercial Asphalt Co - Plant 905

Permit Number: 12300347 - 002

Subject Item: **EU 001 Drum Dryer (Plant No. 905)**

Associated Items: CE 001 Fabric Filter - High Temperature, i.e., T>250 Degrees F

SV 001

What to do	Why to do it
Particulate Matter < 10 micron: less than or equal to 0.02 grains/dry standard cubic foot	Title I Condition: State Implementation Plan(SIP) for PM10
Opacity: less than or equal to 20 percent opacity	Title I Condition: State Implementation Plan(SIP) for PM10; 40 CFR Section 60.92(a)(2); Minn. R. 7011.0909

Performance Test: When required by the MPCA or an authorized EPA official.	Title I Condition: State Implementation Plan(SIP) for PM10
Opacity Test: When required by the MPCA or an authorized EPA official.	Title I Condition: State Implementation Plan(SIP) for PM10

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09/10/99

Facility Name: Commercial Asphalt Co - Plant 905

Permit Number: 12300347 - 002

Subject Item: EU 002 Emergency Generator

Associated Items: SV 002

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Facility Name: Commercial Asphalt Co - Plant 905

Permit Number: 12300347 - 002

Subject Item: CE 001 Fabric Filter - High Temperature, i.e., T>250 Degrees F

Associated Items: EU 001 Drum Dryer (Plant No. 905)

What to do	Why to do it
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Pressure Drop: greater than or equal to 2 inches of water column and less than or equal to 6 inches of water column	Title I Condition: State Implementation Plan (SIP) for PM10; Minn. R. 7011.0917, subp. 1
The Permittee shall record the pressure drop across the baghouse in inches of water once each operating day.	Title I Condition: State Implementation Plan (SIP) for PM10

Facility Name: Commercial Asphalt Co - Plant 905

Permit Number: 12300347 - 002

Subject Item: FS 001- Asphalt paved haul roads and stockpile area

- What to do	Why to do it
<p>The Permittee shall water the unpaved roads located within the property boundaries of this facility. Watering shall comply with the minimum of the following conditions:</p> <ul style="list-style-type: none">i. The water application rate shall be at least 0.03 gallons for each square foot at least once every 24 hours.ii. A 0.1 inch rainfall during the previous 24 hours shall substitute for one water application.iii. Water application is not required when the ground is frozen, air temperature is at or below 32 F or any day that has no traffic on the roads.iv. Following anyday when water is not applied based on absence of traffic, water shall be applied within three (3) hours of the recommencement of traffic. <p>To prevent the entrainment of the fugitive dust from mud tracked onto paved surfaces, the Permittee staff shall sweep with a pickup type sweeper, the paved lot, driveway and one quarter(1/4) mile of Red Rock Road in front of the facility every two weeks during the months that the asphalt plant is in operation.</p>	<p>Title I Condition: State Implementation Plan(SIP) for PM10</p>