



State of Ohio Environmental Protection Agency

**RE: FINAL PERMIT TO INSTALL MODIFICATION
PREBLE COUNTY**

CERTIFIED MAIL

Street Address:

122 S. Front Street

Lazarus Gov. Center TELE: (614) 644-3020 FAX: (614) 644-2329

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Lazarus Gov. Center
P.O. Box 1049

Application No: 08-03000

DATE: 5/8/2003

Shelly Materials Plt 46
Larry Shively
PO Box 266
Thornville, OH 430760266

Enclosed Please find a modification to the Ohio EPA Permit To Install referenced above which will modify the terms and conditions.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Review Appeals Commission pursuant to Chapter 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed within thirty (30) days after the notice of the Directors action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
236 East Town Street, Room 300
Columbus, Ohio 43215

Very truly yours,

Michael W. Ahern

Michael W. Ahern, Supervisor
Field Operations and Permit Section
Division of Air Pollution Control

cc: USEPA

RAPCA



**Permit To Install
Terms and Conditions**

**Issue Date: 5/8/2003
Effective Date: 5/8/2003**

FINAL ADMINISTRATIVE MODIFICATION OF PERMIT TO INSTALL 08-03000

Application Number: 08-03000
APS Premise Number: 0868790177
Permit Fee: **\$400**
Name of Facility: Shelly Materials Plt 46
Person to Contact: Larry Shively
Address: PO Box 266
Thornville, OH 430760266

Location of proposed air contaminant source(s) [emissions unit(s)]:
**128 Camden College Corner Rd
Camden, Ohio**

Description of proposed emissions unit(s):
Administrative modification to restate VOC allowables after adm mod issued 6/5/01.

The above named entity is hereby granted a modification to the permit to install described above pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this modification does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described source(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans included in the application, the above described source(s) of pollutants will be granted the necessary operating permits.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency


Director

Part I - GENERAL TERMS AND CONDITIONS

A. Permit to Install General Terms and Conditions

1. Compliance Requirements

The emissions unit(s) identified in this Permit to Install shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.

2. Reporting Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or record keeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
- b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and record keeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

3. Records Retention Requirements

Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

4. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized

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representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

5. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).

6. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

7. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

8. Termination of Permit to Install

This Permit to Install shall terminate within eighteen months of the effective date of the Permit to Install if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

9. Construction of New Sources(s)

The proposed emissions unit(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio

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Environmental Protection Agency if the proposed sources cannot meet the requirements of this permit or cannot meet applicable standards.

If the construction of the proposed emissions unit(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet the requirements of this permit or cannot meet applicable standards.

10. Public Disclosure

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC rule 3745-49-03.

11. Applicability

This Permit To Install is applicable only to the emissions unit(s) identified in the Permit To Install. Separate Permit To Install for the installation or modification of any other emissions unit(s) are required for any emissions unit for which a Permit To Install is required.

12. Best Available Technology

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

13. Source Operation and Operating Permit Requirements After Completion of Construction

- a. If the permittee is required to apply for a Title V permit pursuant to OAC Chapter 3745-77, the permittee shall submit a complete Title V permit application or a complete Title V permit modification application within twelve (12) months after commencing operation of the emissions units covered by this permit. However, if the proposed new or

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modified source(s) would be prohibited by the terms and conditions of an existing Title V permit, a Title V permit modification must be obtained before the operation of such new or modified source(s) pursuant to OAC rule 3745-77-04(D) and OAC rule 3745-77-08(C)(3)(d).

- b. If the permittee is required to apply for permit(s) pursuant to OAC Chapter 3745-35, the source(s) identified in this Permit To Install is (are) permitted to operate for a period of up to one year from the date the source(s) commenced operation. Permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within thirty (30) days after commencing operation of the source(s) covered by this permit.

14. Construction Compliance Certification

The applicant shall provide Ohio EPA with a written certification (see enclosed form) that the facility has been constructed in accordance with the Permit to Install application and the terms and conditions of the Permit to Install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

15. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable Permit to Install fees within 30 days after the issuance of this Permit to Install.

B. Permit to Install Summary of Allowable Emissions

The following information summarizes the total allowable emissions, by pollutant, based on the individual allowable emissions of each air contaminant source identified in this permit.

SUMMARY (for informational purposes only) TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons Per Year</u>
particulate matter	0.41
organic compound	6.2
nitrogen oxide	8.87
sulfur dioxide	0.05
carbon monoxide	30.38

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

- 1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
F001 - unpaved roadways and parking areas	OAC rule 3745-31-05(A)(3)	No visible particulate emissions except for 13 minutes during any 60-minute period Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see Sections A.2.b through A.2.g)

2. Additional Terms and Conditions

- 2.a The unpaved roadways and parking areas that are covered by this permit and subject to the above-mentioned requirements are listed below:

unpaved roadways:

all

unpaved parking areas:

all

- 2.b The permittee shall employ best available control measures on all unpaved roadways and parking areas for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee’s permit application, the permittee has committed to treat the unpaved roadways and parking areas with watering at sufficient

treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

- 2.c The needed frequencies of implementation of the control measures shall be determined by the permittee's inspections pursuant to the monitoring section of this permit. Implementation of the control measures shall not be necessary for an unpaved roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Implementation of any control measure may be suspended if unsafe or hazardous driving conditions would be created by its use.
- 2.d Any unpaved roadway or parking area, which during the term of this permit is paved or takes the characteristics of a paved surface due to the application of certain types of dust suppressants, may be controlled using watering. Any unpaved roadway or parking area that takes the characteristics of a paved roadway or parking area due to the application of certain types of dust suppressants shall remain subject to the visible emission limitation for unpaved roadways and parking areas. Any unpaved roadway or parking area that is paved shall be subject to a visible emission limitation of no visible particulate emissions except for one minute during any 60-minute period.
- 2.e The permittee shall promptly remove, in such a manner as to minimize or prevent resuspension, earth and/or other material from paved streets onto which such material has been deposited by trucking or earth moving equipment or erosion by water or other means.
- 2.f Open-bodied vehicles transporting materials likely to become airborne shall have such materials covered at all times if the control measure is necessary for the materials being transported.
- 2.g Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the best available technology requirements of OAC rule 3745-31-05.

B. Operational Restrictions

None

C. Monitoring and/or Record keeping Requirements

- 1. Except as otherwise provided in this section, the permittee shall perform inspections of the

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unpaved roadways and parking areas in accordance with the following frequencies:

<u>unpaved roadways</u>	<u>minimum inspection frequency</u>
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all	daily
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<u>unpaved parking areas</u>	<u>minimum inspection frequency</u>
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all	daily
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2. The purpose of the inspections is to determine the need for implementing the above-mentioned control measures. The inspections shall be performed during representative, normal traffic conditions. No inspection shall be necessary for a roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above-identified events shall be performed as soon as such event(s) has (have) ended, except if the next required inspection is within one week.
3. The permittee may, upon receipt of written approval from the appropriate Ohio EPA District Office or local air agency, modify the above-mentioned inspection frequencies if operating experience indicates that less frequent inspections would be sufficient to ensure compliance with the above-mentioned applicable requirements.
4. The permittee shall maintain records of the following information:
 - a. The date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;
 - b. The date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;
 - c. The dates the control measures were implemented; and
 - d. On a calendar quarter basis, the total number of days the control measures were implemented and the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measures.

The information required in 4.d. shall be updated on a calendar quarter basis within 30 days after

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the end of each calendar quarter.

D. Reporting Requirements

1. The permittee shall submit deviation reports that identify any of the following occurrences:
 - a. Each day during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and
 - b. Each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.
2. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.

E. Testing Requirements

Compliance Method

1. Compliance with the emission limitation for the unpaved roadways and parking areas identified above shall be determined in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources," as such Appendix existed on July 1, 1996, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(d) of OAC rule 3745-17-03.

F. Miscellaneous Requirements

None

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

- 1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>
P901 - 225 tons/hr, Hot Mix Asphalt Batch Plant; rotary dryer, hot aggregate elevator, vibrating screens, and weigh hopper, controlled with baghouse	OAC rule 3745-31-05(A)(3)
aggregate storage bins and cold aggregate elevator	OAC rule 3745-31-05(D)

NSPS 40 CFR Part 60, Subpart I

Applicable Emissions
Limitations/Control Measures

6-minute average, from the stack, except as provided by NSPS 40 CFR Part 60, Subpart I

The requirements of this rule also include compliance with the requirements of NSPS 40 CFR Part 60, Subpart I.

The emission limitation specified in these rules are less stringent than the emission limitation specified in 40 CFR Part 60, Subpart I.

OAC rule 3745-17-07(A) and 3745-17-11(B)

0.41 ton/yr of particulate;
56.25 lbs/hr carbon monoxide;
16.43 lbs/hr and 8.87 tons/yr nitrogen oxides;
0.097 lb/hr and 0.05 ton/yr sulfur dioxide;

The drop height of the front end loader bucket shall be minimized to the extent possible in order to minimize or eliminate visible emissions of fugitive dust from the elevator loading area.

OAC rule 3745-31-05(A)(3)

11.48 lbs/hr and 6.2 tons/yr organic compounds;

The aggregate loaded into the storage bins shall have a moisture content sufficient to eliminate the visible emissions of fugitive dust from the elevator and the transfer point to the dryer.

*The ton/yr limitations are based upon a rolling 12-month summation.

The installation and use of adequate enclosures and sufficient draft to minimize or eliminate visible emissions of fugitive dust from the hot aggregate elevator, vibrating screens, and weigh hopper.

30.38 ton/yr carbon monoxide

*The ton/yr limitation is based upon a rolling 12-month summation

Particulate emissions shall not exceed 0.04 grain per dry standard cubic foot of exhaust gases.

Visible particulate emissions shall not exceed 20 percent opacity, as a

2. Additional Terms and Conditions

- 2.a The 56.25 lbs/hr of CO, 16.43 lbs/hr of NO_x, 0.097 lb/hr of SO₂ and 11.48 lbs/hr of OC emissions limitations were established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with these limits.
- 2.b This emissions unit has been approved for the use of recycle asphalt products.

B. Operational Restrictions

- 1. The maximum annual production rate for this emissions unit shall not exceed 243,000 tons, based upon a rolling 12-month summation.
- 2. The pressure drop across the baghouse shall be maintained within the range of 2 to 8 inches of water when the emissions unit is in operation.
- 3. All recycled, used oil burned in this emissions unit shall meet the following specifications:

Contaminant/Property	Allowable Specifications
arsenic	5 ppm, maximum
cadmium	2 ppm, maximum
chromium	10 ppm, maximum
lead	100 ppm, maximum
PCB's	50 ppm, maximum*
total halogens	4000 ppm maximum**
mercury	1 ppm, maximum
flash point	100 degrees Fahrenheit, minimum
heat content	135,000 Btu/gallon, minimum

* If the permittee is burning used oil with any quantifiable level 2ppm < 50 ppm of PCBs, then the permittee is subject to any applicable requirements found under 40 CFR part 279., subparts G and H and 40 CFR 761.20(e).

** Used oil containing more than 1000 ppm total halogens is presumed to be a hazardous

waste under the rebuttable presumption provided under 40 CFR 279.10(b)(1)(ii) and OAC rule 3745-279-10(B)(1)(b). Therefore, the permittee may receive and burn used oil exceeding 1000 ppm of total halogens (but less than 4000 ppm, maximum) only if the used oil supplier has demonstrated the used oil does not contain any hazardous waste pursuant to OAC rule 3745-279-63.

C. Monitoring and/or Record keeping Requirements

1. The permittee shall maintain monthly records of the following information:
 - a. The total quantity of asphalt products produced each month; and
 - b. The rolling, 12-month summation of the monthly production rates.
2. The permittee shall properly, operate, and maintain equipment to monitor the pressure drop across the baghouse when the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a daily basis.
3. The permittee shall receive a chemical analysis with each shipment of used oil from the supplier. The analysis shall identify the name and address of the supplier, the supplier's USEPA identification number, and the following information:
 - a. The date of shipment or delivery.
 - b. The quantity of used oil received.
 - c. The Btu value of the used oil, in BTU/gallon.
 - d. The flash point of the used oil in degrees F.
 - e. The arsenic content, in ppm.
 - f. The cadmium content, in ppm.
 - g. The chromium content, in ppm.
 - h. The lead content, in ppm.
 - i. The PCB content, in ppm.
 - j. The total halogen content, in ppm.
 - k. The mercury content, in ppm.

Each analysis shall be kept in a readily accessible location for at least 5 years and shall be made available to the Director (the appropriate Ohio EPS District Office or local air agency) upon verbal or written request. The Director or any authorized representative of the Director may require or may conduct periodic, detailed chemical analyses through an independent laboratory of

any used oil shipment received by this facility, of any used oil stored at this facility, or of any used oil sampled at the dryer.

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports to the Director (the appropriate District Office or local air agency) which identify all exceedances of the rolling, 12-month production rate limitation. The deviation reports shall be submitted in accordance with the General Terms and Conditions of this permit.
2. The permittee shall submit pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified above. The deviation reports shall be submitted in accordance with the General Terms and Conditions of this permit.
3. The permittee shall notify the USEPA and the Ohio EPA (appropriate DO or LAA) if any of the used oil exceeds the used oil specifications. An identification number from USEPA shall be obtained prior to the combustion of any used oil.

Before the permittee accepts the first shipment of any off-specification used oil from a marketer, the permittee must provide the marketer a one-time, written and signed notice certifying that:

- a. The company has notified USEPA of its used oil management activities and that the notice included the location and description of those activities; and
- b. The company will burn the used oil only in an industrial furnace or boiler identified in 40 CFR Part 266.41(b) and OAC rule 3745-279-42.

A copy of each certification notice that the permittee sends to a marketer must be kept on file for a minimum of 5 years from the date it last received off-specification used oil from that marketer.

4. The permittee shall submit annual reports of the production rate and the total PM, OC, NO_x, SO₂ and CO emissions for this emissions units. These reports shall be submitted by January 31 of each year to the Director (District Office or Local Air Agency).

E. Testing Requirements

1. Compliance Methods

Compliance with the emissions limitation(s) in section A.1 of these terms and conditions shall be determined in accordance with the following method(s):

- a. Emission Limitation-
0.04 gr/dscf of exhaust gases

Applicable Compliance Method-

If required, compliance shall be based on conducting a stack test in accordance with USEPA Reference Method 5, of 40 CFR Part 60, Appendix A.

Emission Limitation -

0.41 ton/yr particulate

Applicable Compliance Method -

Compliance shall be determined by multiplying the hourly emission rate in pounds per ton of asphaltic concrete production from the most recent compliance test by each 12-months production summation and dividing by 2,000 lbs/ton. Until additional emission tests are conducted, the emission factor of 0.0034 lb PM/ton established during the most recent test shall be used in this calculation.

- b. Emission Limitation-
56.25 lbs/hr of CO

Applicable Compliance Method-

The hourly allowable emissions limitations established in this permit through BAT are based upon site specific emissions testing conducted on 7/16/02-7/17/02. If required, compliance shall be based on conducting a stack test in accordance with USEPA Reference Method 10, of 40 CFR Part 60, Appendix A.

Emissions Limitation-

30.38 tons/yr of CO

Applicable Compliance Method-

Compliance shall be determined by multiplying the hourly emission rate in pounds per ton of asphaltic concrete production from the most recent compliance test by each 12-months production summation and dividing by 2,000 lbs/ton. Until additional emission tests are conducted, the emission factor of 0.25 lb CO/ton shall be used in this calculation.

- c. Emission Limitation-
27 lbs/hr of NO_x

Applicable Compliance Method-

The hourly allowable emissions limitations established in this permit through BAT are based upon site specific emissions testing conducted on 7/16/02-7/17/02. If required, compliance shall be based on conducting a stack test in accordance with USEPA Reference Method 7 or 7A (as appropriate), of 40 CFR Part 60, Appendix A.

Emissions Limitation-

8.87 tons/yr of NO_x

Applicable Compliance Method-

Compliance shall be determined by multiplying the hourly emission rate in pounds per ton of asphaltic concrete production from the most recent compliance test by each 12-months production summation and dividing by 2,000 lbs/ton. Until additional emission tests are conducted, the emission factor of 0.073 lb NO_x/ton established during the most recent test shall be used in this calculation.

- d. Emission Limitation-
0.097 lb/hr of SO₂

Applicable Compliance Method-

The hourly allowable emissions limitations established in this permit through BAT are based upon site specific emissions testing conducted on 7/16/02-7/17/02. If required, compliance shall be based on conducting a stack test in accordance with USEPA Reference Method 6 (as appropriate), of 40 CFR Part 60, Appendix A.

Emissions Limitation-

0.05 ton/yr of SO₂

Applicable Compliance Method-

Compliance shall be determined by multiplying the hourly emission rate in pounds per ton of asphaltic concrete production from the most recent compliance test by each 12-months production summation and dividing by 2,000 lbs/ton. Until additional emission tests are conducted, the emission factor of 0.00043 lb SO₂/ton established during the most recent test shall be used in this calculation..

- e. Emission Limitation-
11.48 lbs/hr of OC

Applicable Compliance Method-

The hourly allowable emissions limitations established in this permit through BAT are based upon site specific emissions testing conducted on 7/16/02-7/17/02. If required, compliance shall be based on conducting a stack test in accordance with USEPA Reference Method 25 or 25A (as appropriate), of 40 CFR Part 60, Appendix A.

Emissions Limitation-
6.2 tons/yr of OC

Applicable Compliance Method-

Compliance shall be determined by multiplying the hourly emission rate in pounds per ton of asphaltic concrete production from the most recent compliance test by each 12-months production summation and dividing by 2,000 lbs/ton. Until additional emission tests are conducted, the emission factor of 0.051 lb OC/ton established during the most recent test shall be used in this calculation.

- f. Emissions Limitation-
20 percent opacity as a 6-minute average, from the stack

Applicable Compliance Method-

Compliance shall be demonstrated through visible emissions observations in accordance with OAC rule 3745-17-03(B)(1).

- g. Emission Limitation-
No visible emissions from the enclosures

Applicable Compliance Method-

Compliance shall be demonstrated through visible emissions observations in accordance with OAC rule 3745-17-03(B)(4).

2. During the first full production season in which this permit is effective, the permittee shall conduct, or have conducted, an emission test for this emissions unit in order to demonstrate compliance with the allowable mass emission rate for carbon monoxide. The CO test shall be conducted in accordance with the test methods and procedures specified in "USEPA Reference Method 10, of 40 CFR Part 60, Appendix A", while the emissions unit is operating at or near maximum capacity and using only "virgin aggregate".

During the first full production season in which this permit is effective, the permittee shall conduct, or have conducted, an emission test for this emissions unit in order to demonstrate compliance with the allowable mass emission rate for nitrogen oxides. The NO_x test shall be

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conducted in accordance with the test methods and procedures specified in "USEPA Reference Method 7 or 7A (as appropriate), of 40 CFR Part 60, Appendix A", while the emissions unit is operating at or near maximum capacity and using only "virgin aggregate".

During the first full production season in which this permit is effective, the permittee shall conduct, or have conducted, an emission test for this emissions unit in order to demonstrate compliance with the allowable mass emission rate for OC. The OC test(s) shall be conducted in accordance with the test methods and procedures specified in "USEPA Reference Method 25 or 25A, of 40 CFR Part 60, Appendix A" while the emissions unit is operating at or near maximum capacity and using only "virgin aggregate".

During the first full production season in which this permit is effective, the permittee shall conduct, or have conducted, an emission test for this emissions unit in order to demonstrate compliance with the allowable mass emission rate for particulate. The particulate test(s) shall be conducted in accordance with the test methods and procedures specified in "USEPA Reference Method 5, of 40 CFR Part 60, Appendix A" while the emissions unit is operating at or near maximum capacity and using only "virgin aggregate".

During the first full production season in which this permit is effective, the permittee shall conduct, or have conducted, an emission test for this emissions unit in order to demonstrate compliance with the allowable mass emission rate for sulfur dioxide. The sulfur dioxide test(s) shall be conducted in accordance with the test methods and procedures specified in "USEPA Reference Method 6, of 40 CFR Part 60, Appendix A" while the emissions unit is operating at or near maximum capacity and using only "virgin aggregate".

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and dates(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the field office's refusal to accept the results of the emissions test(s).

Personnel from the Ohio EPA District Office or local air agency shall be permitted to witness the test(s), examine the testing equipment and acquire data and information regarding the emissions unit operating parameters.

A comprehensive written report on the results of the emissions test(s) shall be submitted 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the appropriate Ohio EPA District Office or local air agency.

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Emissions Unit ID: **P901**

F. Miscellaneous Requirements

None

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
T001 - 1-30,000 gallon liquid asphalt storage tank	OAC rule 3745-31-05(A)(3)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(L) and NSPS 40 CFR Part 60, Subpart Kb.
	OAC rule 3745-21-09(L)	0.06 ton/yr VOC See A.2.a. below
	40 CFR Part 60, Subpart Kb	See A.2.b. below

2. Additional Terms and Conditions

- 2.a In accordance with OAC rule 3745-21-09(L)(2), this storage tank is exempt from the requirements of OAC rule 3745-21-09(L)(1) because the tank has a capacity of less than 40,000 gallons.
- 2.b The permittee shall not place, store, or hold any volatile organic liquid with a maximum true vapor pressure greater than 2.176 pounds per square inch absolute (15.0 kPa).

B. Operational Restrictions

None

C. Monitoring and/or Record keeping Requirements

1. The permittee shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel for the life of the source.
2. The permittee shall perform annual inspections of the storage tank and make repairs, when necessary, to maintain the tank in good condition.
3. The permittee shall maintain records of the liquid asphalt throughput, in gallons.

D. Reporting Requirements

None

E. Testing Requirements

1. Compliance with the emission limitation in section A.1. of these terms and conditions shall be determined in accordance with the following method:
 - a. Emission Limitation:
0.06 ton/yr VOC

Applicable Compliance Method:
Compliance shall be demonstrated based upon the record keeping requirements specified in sections C.1. and C.3., and the formulas provided in AP-42 Chapter 7, Organic Liquid Storage Tanks, Section 7.1.3.1., Total Losses from Fixed Roof Tanks (9/1997) or the "Tanks Version 4.0" software program.

F. Miscellaneous Requirements

None