

**Synthetic Minor Determination and/or**  **Netting Determination**

Permit To Install **02-19906**

**A. Source Description**

This source, Homles Supply Corporation, has proposed to modify their permit terms and conditions (PTI No. 02-17426) on the asphalt batch plant located at 6710 County Road 624 in Millersburg, Ohio. The 240 tons/hour production hot-mix asphalt plant (P901) proposed to modify the PE allowable from 2.6 lbs/hr to 10.50 lbs/hr (8.93 tpy). No other permit terms are being requested to be changed.

**B. Facility Emissions and Attainment Status**

This facility has requested a synthetic minor permit because the maximum potential to emit, at 8760 hours per year, for this emissions unit are 403 tons of CO per year, 172 tons of SO<sub>2</sub> per year, and 109 tons of OC per year. These emissions would make the facility a major source and will be subject to Title V permitting and PSD requirements. Federally enforceable restrictions will lower the potential emissions of the above mentioned pollutants to less than 100 TPY. These restrictions will keep the company from the requirements of PSD review and Title V. The potential emissions of all other pollutants do not reach the 100 TPY level. The facility is located in Holmes County. Holmes County is attainment for particulate, sulfur dioxide, carbon monoxide, ozone, lead, and oxides of nitrogen.

**C. Source Emissions**

Holmes Supply Corporation has requested federally enforceable restriction on the annual operating hours to 1,700. With the proposed operating hour limitation the annual CO, SO<sub>2</sub>, and OC emissions will be limited to 78.3 tpy, 33.4 tpy, and 21.2 tpy respectively.

**D. Conclusion**

This facility will have federally enforceable limitations that will keep permit allowable emissions below the trigger levels for PSD review or Title V.



State of Ohio Environmental Protection Agency

Street Address:

Lazarus Gov. Center  
122 S. Front Street  
Columbus, OH 43215

TELE: (614) 644-3020 FAX: (614) 644-2329

Mailing Address:

Lazarus Gov. Center  
P.O. Box 1049  
Columbus, OH 43216-1049

**RE: DRAFT PERMIT TO INSTALL**

**HOLMES COUNTY**

**Application No:** 02-19906

**Fac ID:** 0238000167

**DATE:** 11/26/2004

Holmes Supply Corporation  
Steve Schlabach  
6710 County Road 624  
Millersburg, OH 44654

**CERTIFIED MAIL**

|                     |                              |
|---------------------|------------------------------|
|                     | TOXIC REVIEW                 |
|                     | PSD                          |
| Y                   | SYNTHETIC MINOR              |
|                     | CEMS                         |
|                     | MACT                         |
| 40 CFR 60 Subpart I | NSPS                         |
|                     | NESHAPS                      |
|                     | NETTING                      |
|                     | MAJOR NON-ATTAINMENT         |
|                     | MODELING SUBMITTED           |
|                     | GASOLINE DISPENSING FACILITY |

You are hereby notified that the Ohio Environmental Protection Agency has made a draft action recommending that the Director issue a Permit to Install for the air contaminant source(s) [emissions unit(s)] shown on the enclosed draft permit. This draft action is not an authorization to begin construction or modification of your emissions unit(s). The purpose of this draft is to solicit public comments on the proposed installation. A public notice concerning the draft permit will appear in the Ohio EPA Weekly Review and the newspaper in the county where the facility will be located. Public comments will be accepted by the field office within 30 days of the date of publication in the newspaper. Any comments you have on the draft permit should be directed to the appropriate field office within the comment period. A copy of your comments should also be mailed to Robert Hodanbosi, Division of Air Pollution Control, Ohio EPA, P.O. Box 1049, Columbus, OH, 43266-0149.

A Permit to Install may be issued in proposed or final form based on the draft action, any written public comments received within 30 days of the public notice, or record of a public meeting if one is held. You will be notified in writing of a scheduled public meeting. Upon issuance of a final Permit to Install a fee of **\$1000** will be due. Please do not submit any payment now.

The Ohio EPA is urging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Pollution Prevention at (614) 644-3469. If you have any questions about this draft permit, please contact the field office where you submitted your application, or Mike Ahern, Field Operations & Permit Section at (614) 644-3631.

Sincerely,

Michael W. Ahern, Manager  
Permit Issuance and Data Management Section  
Division of Air Pollution Control

CC: USEPA

NEDO

**PUBLIC NOTICE**

**ISSUANCE OF DRAFT PERMIT TO INSTALL 02-19906 FOR AN AIR CONTAMINANT SOURCE FOR  
Holmes Supply Corporation**

On 11/26/2004 the Director of the Ohio Environmental Protection Agency issued a draft action of a Permit To Install an air contaminant source for **Holmes Supply Corporation**, located at **7571 State Route 83, Holmesville, Ohio**.

Installation of the air contaminant source identified below may proceed upon final issuance of Permit To Install 02-19906:

**Chapter 31 modification to PTI 02-17426 to revise hourly particulate emission limit.**

Comments concerning this draft action, or a request for a public meeting, must be sent in writing to the address identified below no later than thirty (30) days from the date this notice is published. All inquiries concerning this draft action may be directed to the contact identified below.

Dennis Bush, Ohio EPA, Northeast District Office, 2110 East Aurora Road, Twinsburg, OH 44087 [(330)425-9171]



**Permit To Install  
Terms and Conditions**

**Issue Date: To be entered upon final issuance  
Effective Date: To be entered upon final issuance**

**DRAFT PERMIT TO INSTALL 02-19906**

Application Number: 02-19906  
Facility ID: 0238000167  
Permit Fee: **To be entered upon final issuance**  
Name of Facility: Holmes Supply Corporation  
Person to Contact: Steve Schlabach  
Address: 6710 County Road 624  
Millersburg, OH 44654

Location of proposed air contaminant source(s) [emissions unit(s)]:  
**7571 State Route 83  
Holmesville, Ohio**

Description of proposed emissions unit(s):  
**Chapter 31 modification to PTI 02-17426 to revise hourly particulate emission limit.**

The above named entity is hereby granted a Permit to Install for the above described emissions unit(s) pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit 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 emissions unit(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 and specifications, the above described emissions unit(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

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 recordkeeping 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 recordkeeping 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 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 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**

This facility is permitted to operate each source described by this Permit to Install for a period of up to one year from the date the source commenced operation. This 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 ninety (90) days after commencing operation of the emissions unit(s) covered by this permit.

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**Holmes Supply Corporation**

**PTI Application: 02-19906**

**Issued: To be entered upon final issuance**

**Facility ID: 0238000167**

**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> |
|------------------|----------------------|
| PE               | 8.93                 |
| SO2              | 33.4                 |
| NOx              | 16.5                 |
| CO               | 78.3                 |
| OC               | 21.2                 |

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

**A. Applicable Emissions Limitations and/or Control Requirements**

- 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.

| Operations, Property,<br>and/or Equipment   | Applicable Rules/Requirements | Applicable Emissions<br>Limitations/Control Measures   |
|---|-------------------------------|--|
| P901 - 240 ton per hour asphalt batch plant. Dryer equipped with a 100 MMBTU/hr Hauck Ecostar low NOx burner. | OAC rule 3745-31-05 (A)(3)    | Emissions from this unit shall not exceed the following emissions limitations:   |
|   |                               | PE/PM10: 10.5 lbs/hr, 0.03 gr/dscf<br>SO <sub>2</sub> : 39.3 lbs/hr<br>NO <sub>x</sub> : 19.4 lbs/hr<br>CO: 92.1 lbs/hr<br>OC: 24.9 lbs/hr |
|   |                               | Visible particulate emissions from the baghouse stack shall not exceed 20% opacity as a 6 minute average.                                  |
|   |                               | The requirements of this rule also include compliance with the requirements of 40 CFR 60 subpart I.  |
|   | OAC rule 3745-35-07(B)        | This emissions unit shall not operate more than 1,700 hours as a 12-month rolling cumulative summation.                                    |
|   |                               | Emissions from the combustion engine shall not exceed the following limit, as a 12-month rolling cumulative summation:                     |
|   |                               | PE/PM10: 8.93 tons<br>SO <sub>2</sub> : 33.4 tons<br>NO <sub>x</sub> : 16.5 tons   |

|                           |                                      |
|---------------------------|--------------------------------------|
| 40 CFR 60 subpart I       | CO: 78.3 tons<br>OC: 21.2 tons       |
| OAC rule 3745-17-07(A)(1) | See A.2.f below.                     |
| OAC rule 3745-17-11(B)(1) | See A.2.f below.                     |
| OAC rule 3745-18-06(E)    | See A.2.f below.                     |
| OAC rule 3745-21-07(B)    | See A.2.f below.                     |
| OAC rule 3745-23-06(B)    | See A.2.g below.                     |
| OAC rule 3745-17-07(B)(1) | See A.2.g below.                     |
| OAC rule 3745-17-08(B)    | See A.2.h below.<br>See A.2.i below. |

**2. Additional Terms and Conditions**

**2.a** The permittee shall use only natural gas, #2 fuel oil, or 'on-spec' used oil as a fuel in this unit; 'off-spec' used oil (used oil that exceeds any of the limits established inn A.2.b. of these terms and conditions) shall not be used in this unit.

**2.b** All 'on-spec' used oil burned in this emissions unit shall meet the following specifications:

| <u>Contaminant/Property</u> | <u>Allowable Specifications</u> |
|-----------------------------|---------------------------------|
| arsenic                     | 5 ppm, maximum                  |
| cadmium                     | 2 ppm, maximum                  |
| chromium                    | 10 ppm, maximum                 |
| lead                        | 100 ppm, maximum                |
| PCB's                       | 2 ppm, maximum                  |
| total halogens              | 4,000 ppm maximum               |
| mercury                     | 1 ppm, maximum                  |
| flash point                 | 100 F, minimum                  |
| heat content                | 138,000 Btu/gallon, minimum     |

**2.c** If the permittee is burning used oil with any quantifiable level (above 2 ppm) of PCB's, then the permittee is subject to the notification requirements of 40 CFR 279.62.

**2.d** 'On-spec' waste oil containing more than 1,000 ppm total halogens is presumed to be a hazardous waste under the rebuttable presumption provided under 40 CFR Part 266.40(c) and OAC rule 3745-58-50. Therefore, the permittee may receive and burn used oil

exceeding 1,000 ppm of total halogens (but less than 4,000 ppm, maximum) only if the supplier ["marketer" in 40 Part CFR 266.43(a)] has demonstrated to the Ohio EPA's Division of Hazardous Waste Management that the used oil does not contain any hazardous waste.

- 2.f The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
- 2.g The permittee has satisfied the "best available control techniques and operating practices" required pursuant to OAC rule 3745-21-07(B) and the "latest available control techniques and operating practices" required pursuant to OAC rule 3745-23-06(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(A)(3) in this Permit to Install.
- 2.h Visible emissions of fugitive dust from the aggregate storage bin and conveyor loading areas shall not exceed 20% opacity, as a 3-minute average.
- 2.i 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 aggregate storage bin and conveyor loading areas.
- 2.j This PTI supersedes all terms and conditions for emissions unit P901 in PTI No. 02-117426, issued on August 5, 2004. This permit is a modification (as defined in OAC rule 3745-31-01) to P901 because of the change of an allowable limit in particulate.

**B. Operational Restrictions**

- 1. The pressure drop range across the baghouse shall be determined from the initial compliance stack emission test. Until the initial compliance stack emission test is conducted, however, the pressure drop across the baghouse shall be maintained within the range of 2.0 to 8.0 inches of water while the emissions unit is in operation.
- 2. The maximum annual operating hours for this emissions unit shall not exceed 1,700 hours, based upon a rolling, 12-month summation of the operating hours.

To ensure enforceability during the first 12 calendar months of operation, following the issuance of this permit, the permittee shall not exceed the operating hour levels specified in the following table:

| <u>Months(s)</u> | <u>Maximum Allowable<br/>Cumulative Operating Hours</u> |
|------------------|---|
| 1                | 420   |
| 1-2              | 840   |
| 1-3              | 1,260   |

|      |       |
|------|-------|
| 1-4  | 1,680 |
| 1-5  | 1,700 |
| 1-6  | 1,700 |
| 1-7  | 1,700 |
| 1-8  | 1,700 |
| 1-9  | 1,700 |
| 1-10 | 1,700 |
| 1-11 | 1,700 |
| 1-12 | 1,700 |

After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual operating hour limitation shall be based upon a rolling, 12-month summation of the operating hours.

3. The permittee may substitute recycled asphalt pavement (RAP) aggregates in the raw material feed.
4. The permittee may burn 'on-spec' used oil or #2 fuel oil with a maximum sulfur content of 0.5% by weight.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain monthly records of the following information:
  - a. The operating hours for each month.
  - b. Beginning after the first 12 calendar months of operation following the issuance of this permit, the rolling, 12-month summation of the operating hours.

Also, during the first 12 calendar months of operation following the issuance of this permit, the permittee shall record the cumulative operating hours for each calendar month.

2. The permittee shall record the annual 12-month summation of asphalt produced (in tons).
3. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the baghouse while 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.
4. The permittee shall maintain daily records of the percentage of RAP mixed with the raw material feed mix.
5. The permittee shall collect or require the oil supplier to collect a representative grab sample for each shipment of #2 fuel oil and 'on-spec' used oil that is received for burning in this emissions

**Holmes Supply Corporation**

**PTI Application: 02-19906**

**Issued: To be entered upon final issuance**

**Facility ID: 0238000167**

**Emissions Unit ID: P901**

unit. The permittee shall perform or require the supplier to perform the analysis for sulfur content and heat

content in accordance with the following ASTM methods: ASTM method D4294, ASTM method D240, or ASTM method 6010 for sulfur content; and ASTM method D240 for heat content. Alternative, equivalent methods may be used upon written approval by the appropriate Ohio EPA District Office or local air agency.

6. For each shipment of oil (#2 fuel oil or 'on-spec' used oil) received for burning in this emissions unit, the permittee shall maintain records of the total quantity of each type of oil received and the permittee's or oil supplier's analysis for sulfur content and heat content.
7. The permittee shall receive a chemical analysis with each shipment of 'on-spec' used oil from the supplier or the permittee may perform their own analysis. The analysis shall identify the name and address of the supplier, the supplier's USEPA identification number (if available), and the following information:
  - a. date of shipment or delivery,
  - b. quantity of used oil received,
  - c. the Btu value of the used oil,
  - d. the flash point of the used oil,
  - e. the arsenic content,
  - f. the cadmium content,
  - g. the chromium content,
  - h. the lead content,
  - i. the PCB content,
  - j. the total halogen content, and
  - k. the mercury content.

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 EPA 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 and 'on-spec' used oil shipment received by this facility, of any 'on-spec' used oil stored at this facility, or of any 'on-spec' used oil sampled at the dryer.

#### **D. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which identify any exceedence of the above-mentioned allowable pressure drop range.
2. The permittee shall submit deviation (excursion) reports which identify any exceedence of the RAP percent limitation.
3. The permittee shall submit deviation (excursion) reports which identify any exceedence of the rolling, 12-month operating hours limitation and, for the first 12 calendar months of operation following the issuance of this permit, all exceedences of the maximum allowable cumulative operating hours levels.

4. The permittee shall submit deviation (excursion) reports which identify any exceedence of the allowable sulfur content (percent).
5. These reports as denoted by terms D.1. - D.4. are due by the date described in Part 1 - General Terms and Conditions of this permit under section (A)(2).
6. The permittee shall submit, on a quarterly basis, copies of the permittee's or oil supplier's analyses for each shipment of 'on-spec' used oil which is received for burning in this emissions unit, or a letter stating no 'on-spec' used oil was received that quarter, as appropriate. The permittee's or oil supplier's analysis shall document the sulfur content (percent) and heat content (Btu/gallon) for each shipment of oil. The following information shall also be included with the copies of the permittee's or oil supplier's analyses:
  - a. the total quantity of oil received in each shipment (gallons);
  - b. the weighted\* average sulfur dioxide emission rate (pounds/mmBtu) for the oil received during the calendar month; and,
  - c. the weighted\* average heat content (Btu/gallon) of the oil received during the calendar month.

\*In proportion to the quantity of oil received in each shipment during the calendar month.

These quarterly reports shall be submitted by February 15, May 15, August 15, and November 15 of each year and shall cover the oil shipments received during the previous calendar quarters.

7. The permittee shall notify the USEPA and the Ohio EPA if any of the 'on-spec' used oil exceeds the 'on-spec' used oil specifications. An identification number from USEPA shall be obtained prior to the combustion of any used oil in exceedence of the limitations established in this permit for 'on-spec' used oil.

## **E. Testing Requirements**

1. Emission Limitation:

0.03 grain of particulate matter per dry standard cubic foot

Applicable Compliance Method:

Compliance shall be determined by emission testing as specified in section E.13 and E.14.

2. Emission Limitation:

10.50 pounds of PE/PM10 per hour

Applicable Compliance Method:

The emission limitation was established based on the conversion of 0.03 grains per dry standard cubic foot to pounds per hour. Therefore, provided compliance is shown with the 0.03 grains per dry standard cubic foot, compliance with the pounds per hour emission limitation will be assumed.

3. Emission Limitation:

8.90 tons of particulate matter as a rolling 12-month cumulative summation

Applicable Compliance Method:

Compliance shall be determined based upon the following formula:

$$E = A * B [1 \text{ ton} / 2,000 \text{ lbs}]$$

Where:

E = particulate matter emission rate as a rolling 12-month cumulative summation.

A = emission rate in pounds PE per hour, based upon the most recent performance stack test data.

B = rolling 12-month cumulative summation of operating hours.

4. Emission Limitation:

19.4 pounds of NO<sub>x</sub> per hour

Applicable Compliance Method:

Compliance shall be determined by emission testing as specified in section E.13 and E.14.

5. Emission Limitation:

16.5 tons of NO<sub>x</sub> as a rolling 12-month cumulative summation

Applicable Compliance Method:

Compliance shall be determined based upon the following formula:

$$E = A * B [1 \text{ ton} / 2,000 \text{ lbs}]$$

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**Holmes Supply Corporation**

**PTI Application: 02-19906**

**Issued: To be entered upon final issuance**

**Facility ID: 0238000167**

**Emissions Unit ID: P901**

Where:

E = NOx emission rate as a rolling 12-month cumulative summation.

A = emission rate in pounds of NOx per hour, based upon the most recent performance stack test data.

B = rolling 12-month cumulative summation of operating hours.

6. Emission Limitation:

92.1 pounds of CO per hour

Applicable Compliance Method:

Compliance shall be determined by emission testing as specified in section E.13 and E.14.

7. Emission Limitation:

78.3 tons of CO as a rolling 12-month cumulative summation

Applicable Compliance Method:

Compliance shall be determined based upon the following formula:

$$E = A * B [1 \text{ ton} / 2,000 \text{ lbs}]$$

Where:

E = CO emission rate as a rolling 12-month cumulative summation.

A = emission rate in pounds of CO per hour, based upon the most recent performance stack test data.

B = rolling 12-month cumulative summation of operating hours.

8. Emission Limitation:

39.3 pounds of SO<sub>2</sub> per hour

Applicable Compliance Method:

Compliance shall be determined by emission testing as specified in section E.13 and E.14.

9. Emission Limitation:

33.4 tons of SO<sub>2</sub> as a rolling 12-month cumulative summation

Applicable Compliance Method:

Compliance shall be determined based upon the following formula:

$$E = A * B [1 \text{ ton} / 2,000 \text{ lbs}]$$

Where:

E = SO<sub>2</sub> emission rate as a rolling 12-month cumulative summation.

A = emission rate in pounds of SO<sub>2</sub> per hour, based upon the most recent performance stack test data.

B = rolling 12-month cumulative summation of operating hours.

10. Emission Limitation:

24.9 pounds of OC per hour

Applicable Compliance Method:

Compliance shall be determined by emission testing as specified in section E.13 and E.14.

11. Emission Limitation:

21.2 tons of OC as a rolling 12-month cumulative summation

Applicable Compliance Method:

Compliance shall be determined based upon the following formula:

$$E = A * B [1 \text{ ton} / 2,000 \text{ lbs}]$$

Where:

E = OC emission rate as a rolling 12-month cumulative summation.

A = emission rate in pounds of OC per hour, based upon the most recent performance stack test data.

B = rolling 12-month cumulative summation of operating hours.

12. Emission Limitation:

Visible particulate emissions shall not exceed 20% opacity, as a 6-minute average.

Applicable Compliance Method:

USEPA Method 9 of 40 CFR Part 60, Appendix A

13. The permittee shall conduct, or have conducted, an initial emissions stack test following one of the three scenarios:
  - a. If the initial test is with virgin materials (i.e., no RAP), the permittee shall test for particulate, NO<sub>x</sub>, VOC, CO, and visible emissions while burning 'on-spec' used oil; and
  - b. If at any time in the future, the facility chooses to use RAP, the permittee shall test for VOC while burning 'on-spec' used oil and the maximum quantity of RAP the company wishes to establish; or
  - c. If the initial test is with RAP, the permittee shall test for particulate, NO<sub>x</sub>, VOC, CO, SO<sub>2</sub>, and visible emissions while burning 'on-spec' used oil and the maximum quantity of RAP the facility wishes to establish as the maximum allowable RAP content.
  
14. The permittee shall conduct, or have conducted, an emission testing for this emissions unit in accordance with the following requirements:
  - a. The emission testing shall be conducted within 3 months after startup of this emissions unit.
  - b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rates for particulates, NO<sub>x</sub>, CO, OC, and SO<sub>2</sub>.
  - c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s):

|                 |   |   |
|-----------------|---|---|
| Particulates    | - | Method 5 of 40 CFR Part 60, Appendix A              |
| NO <sub>x</sub> | - | Method 7 , 7E of 40 CFR Part 60, Appendix A         |
| CO              | - | Method 10 of 40 CFR Part 60, Appendix A             |
| OC              | - | Method 18, 25, or 25A of 40 CFR Part 60, Appendix A |
| SO <sub>2</sub> | - | Method 6A of 40 CFR Part 60, Appendix A             |
  - d. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the appropriate Ohio EPA District Office or local air agency. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(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 Ohio EPA District Office's or local air agency's refusal to accept the results of the emission test(s).

Personnel from the appropriate 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 necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 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.

#### **F. Miscellaneous Requirements**

1. Modeling to demonstrate compliance with the Ohio EPA's "Air Toxic Policy" was not necessary because the emissions unit's maximum annual emissions for each toxic compound will be less than 1.0 ton. OAC Chapter 3745-31 requires permittees to apply for and obtain a new or modified permit to install prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any pollutant that has a listed TLV to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new permit to install.
2. In accordance with the provisions of OAC rule 3745-31-05, the following special terms and conditions of this permit to install are federally enforceable: A-E, F(2).