



State of Ohio Environmental Protection Agency

Street Address:

Mailing Address:

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

Lazarus Gov. Center

**RE: DRAFT PERMIT TO INSTALL
PORTAGE COUNTY
Application No: 16-02201**

CERTIFIED MAIL

DATE: 3/7/2002

Allied Corporation Plant 72
Gary Cobb
PO Box 266
Thornville, OH 43076

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.

Very truly yours,

Thomas G. Rigo, Manager
Field Operations and Permit Section
Division of Air Pollution Control

CC: USEPA ARAQMD Akron Metro Area Trans. Study WV PA



STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY

**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 16-02201

Application Number: 16-02201
APS Premise Number: 1667080013
Permit Fee: **To be entered upon final issuance**
Name of Facility: Allied Corporation Plant 72
Person to Contact: Gary Cobb
Address: PO Box 266
Thornville, OH 43076

Location of proposed air contaminant source(s) [emissions unit(s)]:

**8505 SR 14
Streetsboro, Ohio**

Description of proposed emissions unit(s):

Drum Replacement with Double Barrel Drum, New Baghouse. Replaces 16-2103.

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 Related to Monitoring and Record keeping 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 representative of the Director, upon receipt of a written request and within a reasonable time, any

Allied Corporation Plant 72

Facility ID: 1667080013

PTI Application: 16-02201

Issued: To be entered upon final issuance

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 application must be made to the Director for the installation or modification of any other emissions unit(s).

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 modified source(s) would be prohibited by the terms and conditions of an existing Title V

Allied Corporation Plant 72

Facility ID: 1667080013

PTI Application: 16-02201

Issued: To be entered upon final issuance

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>
PM	6.2
CO	97.5
NO _x	30.0
SO ₂	30.0
TOC	40.0

7

Allied Corporation Plant 72

PTI Application: 16-02201

Issued: To be entered upon final issuance

Facility ID: 1667080013

Emissions Unit ID: P901

Applicable Emissions
Limitations/Control Measures

OAC rule 3745-17-07 (A)(1)
OAC rule 3745-17-11 (B)
OAC rule 3745-18-06 (E)

Visible particulate emissions from any stack associated with P901 shall not exceed 10% percent opacity, as a six-minute average.

Visible particulate emissions from any fugitive dust emissions point associated with P901 shall not exceed 20% percent opacity, as a three-minute average.

The following stack mass emission limits shall apply:
7.7 pounds PM/hour;
214.5 pounds CO/hour;
66.0 pounds NO_x/hour;
66.0 pounds SO₂/hour; and
88.0 pounds TOC/hour.

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 cold feed bins and recycled material (RAP) bin.

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

The requirements of OAC rule 3745-31-05 (A)(3) also include compliance with the requirements of

40 CFR Part 60 Subpart I and OAC rule 3745-35-07 (B).

See A.2.a

The following stack mass emission limits shall apply:

- 3.5 TPY PM;
- 97.5 TPY CO;
- 30.0 TPY NO_x;
- 30.0 TPY SO₂; and
- 40.0 TPY TOC.

The TPY emissions limits are based upon a rolling, 12-month summation of the monthly emissions, and as established in the restricted potential to emit procedures of Part II, section E using the federally enforceable production limitations of Part II, section B.

0.04 grain PM/dscf

The visible particulate emissions limitation required by 40 CFR Part 60, Subpart I is less stringent than the visible particulate emissions limitation established pursuant to OAC rule 3745-31-05 (A)(3).

The emissions limitations specified by these rules are less stringent than the emissions limitations established pursuant to OAC rule 3745-31-05 (A)(3).

2. Additional Terms and Conditions

- 2.a** Compliance with OAC rule 3745-31-05 (A)(3) shall be demonstrated by the emissions limitations, production limitations, and use of a baghouse.
- 2.b** The permittee reserves the right to burn natural gas, on-spec used oil, and #2 fuel oil in this emissions unit. No other fuel shall be burned in P901.
- 2.c** No oil containing more than 0.5% by weight of sulfur shall be burned in this emissions unit.
- 2.d** All used oil burned in P901 shall be on-spec used oil meeting 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*	10 ppm, maximum
total halogens	4000 ppm maximum
mercury	1 ppm, maximum
flash point	100°F, minimum
heat content	135,000 Btu/gallon, minimum

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

The burning of hazardous waste in this emissions unit (or at this facility) is prohibited. Used oil containing more than 1000 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 3745-279. The permittee may receive and burn used oil exceeding 1000 ppm of total halogens (but less than 4000 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.e** The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency.

Allied**PTI A**Emissions Unit ID: **P901****Issued: To be entered upon final issuance**

The requirements of 40 CFR Part 60 are also federally enforceable.

B. Operational Restrictions

1. The baghouse serving this emissions unit shall be employed all times the emissions unit is in operation. To ensure the baghouse is operated according to the manufacturer's specifications and to maintain compliance with the allowable particulate emissions rate, the pressure drop across the baghouse shall be maintained within the range of 2 to 8 inches of water while the emissions unit is in operation.
2. The maximum annual asphalt production rate for P901 shall not exceed 500,000 tons per year based upon a rolling, 12-month summation of the monthly production rates. The permittee has existing production records such that there is no need for first year monthly batch production limitations.

C. Monitoring and/or Record keeping Requirements

1. The permittee shall document when the baghouse system was not in service when the emissions unit was in operation.
2. 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 once per shift 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 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 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.

4. For each shipment of oil received, used or refined, the permittee shall receive a chemical analysis from the supplier which identifies the name and address of the supplier and specifies the weight percent sulfur content.
5. The permittee shall maintain monthly records of the following information for P901:
 - a. The monthly asphalt production, in tons;
 - b. The rolling, 12-month summation of asphalt production calculated by adding the current month's asphalt production to the asphalt production for the preceding eleven calendar months;
 - c. The monthly emissions (tons) for each of TOC, CO, NO_x, PM, and SO₂; and
 - d. The rolling, 12-month summation of the monthly emissions (tons) for each of TOC, CO, NO_x, PM, and SO₂ calculated by adding the current month's emissions to the emissions for the preceding eleven calendar months.

D. Reporting Requirements

1. The permittee shall notify the Director (the appropriate District Office or local air agency) in writing of any record showing that the baghouse was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the appropriate District Office or local air agency) within 30 days after the event occurs.
2. The permittee shall furnish the Administrator written notification as follows:

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A notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless that change is specifically exempted under 40 CFR 60.14(e). This notice shall be postmarked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive capacity of the facility before and after the change, and the expected completion date of the change. The Administrator may request additional relevant information subsequent to this notice.

3. The permittee shall submit deviation (excursion) reports which identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified in Term B.1.
4. The permittee shall notify USEPA and Ohio EPA if any of the used oil exceeds the used oil specifications found in OAC rule 3745-279-11 within 5 days of occurrence. If the permittee is burning used oil which exceeds the specifications found in OAC rule 3745-279-11, the permittee is subject to that rule and must comply with all provisions of that rule and all applicable regulations pertaining to the burning of waste oil.
5. The permittee shall submit deviation (excursion) reports which identify all shipments of oil, used or refined, which did not comply with the allowable sulfur weight content specified in Term A.2.c.
6. The permittee shall submit annual reports which specify the asphalt production rate (in tons), and the PM, NO_x, SO₂, TOC and CO emissions for P901 for the previous calendar year. These reports shall be submitted by January 31 of each year.
7. The deviation (excursion) reports shall be submitted in accordance with the requirements specified in Part I - General Term and Condition 2 of this permit.
8. Pursuant to the NSPS, the source owner/operator is hereby advised of the requirement to report the following at the appropriate times:
 - a. Construction date (no later than 30 days after such date);
 - b. Anticipated start-up date (not more than 60 days or less than 30 days prior to such date);
 - c. Actual start-up date (within 15 days after such date); and
 - d. Date of performance testing (if required, at least 30 days prior to testing).

Reports are to be sent to:

Allied Corporation Plant 72

PTI A

Issued

Facility ID: 1667080013

Emissions Unit ID: P901

Ohio Environmental Protection Agency
DAPC - Permit Management Unit
P. O. Box 163669
Columbus, Ohio 43216-3669

and

Akron Regional Air Quality Management District (ARAQMD)
146 S High Street -- Room 904
Akron, OH 44308

E. Testing Requirements

1. The hourly and yearly mass emissions limitations of these special terms and conditions were established using company-specified emissions factors for CO, NO_x, TOC, and SO₂, AP-42, Fifth Edition (12/00), Table 11.1-3 for PM, and the general emissions relationship: (emissions rate) = (emissions factor)(production rate), as follows:

- a. Hourly stack mass emissions limits:

7.7 pounds PM/hour = (0.014 pound PM/ton asphalt)(550 tons asphalt/hour);
214.5 pounds CO/hour = (0.390 pound CO/ton asphalt)(550 tons asphalt/hour);
66.0 pounds NO_x/hour = (0.120 pound NO_x/ton asphalt)(550 tons asphalt/hour);
66.0 pounds SO₂/hour = (0.120 pound SO₂/ton asphalt)(550 tons asphalt/hour); and
88.0 pounds TOC/hour = (0.160 pound TOC/ton asphalt)(550 tons asphalt/hour).

The above hourly stack mass emissions limitations are based upon the maximum hourly production rate capacity. Therefore, no compliance record keeping or reporting requirements are necessary with these emissions limits. However, compliance with these emissions limits shall be demonstrated per the stack testing requirements of section E.6 below.

- b. Yearly stack mass emissions limits:

3.5 tons PM/year = (0.014 pound PM/ton asphalt)(500,000 tons asphalt/year)(0.0005);
97.5 tons CO/year = (0.390 pound CO/ton asphalt)(500,000 tons asphalt/year)(0.0005);
30.0 tons NO_x/year = (0.12 pound NO_x/ton asphalt)(500,000 tons asphalt/year)(0.0005);
30.0 tons SO₂/year = (0.12 pound SO₂/ton asphalt)(500,000 tons asphalt/year)(0.0005);
and
40.0 tons TOC/year = (0.16 pound TOC/ton asphalt)(500,000 tons asphalt/year)(0.0005).

Issued: To be entered upon final issuance

Compliance demonstration of the above yearly stack mass emissions limitations shall be based upon the record keeping requirements of Part II, section C.5 of these special terms and conditions.

2. Compliance with the used oil specifications in Part II, section A.2.d shall be demonstrated by the record keeping in Part II, section C.3 of these special terms and conditions.
3. Compliance with the oil sulfur weight content specifications in Part II, section A.2.c shall be demonstrated by the record keeping in Part II, section C.4 of these special terms and conditions.
4. Compliance with the annual asphalt production limitations in Part II, section B.2 shall be demonstrated by the record keeping in Part II, section C.5 of these special terms and conditions.
5. Compliance with the visible emissions limitations in Part II, section A.1 of these special terms and conditions shall be demonstrated by Method 9, 40 CFR Part 60, Appendix A.
6. The permittee shall conduct, or have conducted, performance testing for this emissions unit in accordance with the following requirements:
 - a. The testing shall be conducted within 180 days after final issuance of this permit.
 - b. The testing 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.
 - c. The testing shall demonstrate compliance with the following allowable emissions rates using the specified test method and operational procedures where noted:

0.04 grain PM/dscf & 7.7 pounds PM/hour; Test Method 5, 40 CFR Part 60, Appendix A; burning on-spec used oil, and using virgin raw materials;

214.5 pounds CO/hour; Test Method 10, 40 CFR Part 60, Appendix A; burning on-spec used oil and using recycled products;

66.0 pounds NO_x/hour; Test Method 7 or 7E (as appropriate), 40 CFR Part 60, Appendix A; burning on-spec used oil and using recycled products;

66.0 pounds SO₂/hour; Test Method 6, 40 CFR Part 60, Appendix A; burning on-spec used oil and using recycled products; and

88.0 pounds TOC/hour; Method 25 or 25A (as appropriate), 40 CFR Part 60, Appendix A; burning on-spec used oil and using recycled products.

Alternative USEPA approved test methods may be used with prior approval from Ohio EPA.

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.** Permit to install (PTI) 16-02201 supersedes all of the requirements of PTI 16-02103 issued March 22, 2001.

Allied**PTI A**Emissions Unit ID: **P901****Issued: To be entered upon final issuance**

2. If probable cause exists indicating the source is causing or contributing to a nuisance in violation of Ohio Administrative Code rule 3745-15-07, the owner or operator of this emissions unit shall be required to submit and implement a control program which will bring this source into compliance.
3. 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.
4. The following terms and conditions of this permit are federally enforceable: A.1, A.2.a - A.2.c, A.2.e, B.1& B.2, C.1 - C.5.d, D.1 - D.8, E.1 - E.6.c, and F.1 & F.2

Allied**PTI A**Emissions Unit ID: **P901****Issued: To be entered upon final issuance****Please complete for these type permits (For PSD/NSR Permit, place mouse over this text):**

Synthetic Minor Determination and/or **Netting Determination**
Permit To Install 16-02201

A. Source Description

Hot Mix Asphalt Facility -- **Chapter 31 MODIFICATION** -- replacement of existing drum with a new 550 TPH asphalt double barrel drum burning on-spec used oil, #2 fuel oil, and natural gas as alternative fuels, with corresponding establishment of new emissions limitations.

B. Facility Emissions and Attainment Status

Allied Corporation Plant #72 requests continuation of, but revised, federally enforceable limitations on asphalt production to maintain the potential to emit below all Title V emissions thresholds and remain a minor source facility. Portage County is attainment for all criterial pollutants.

C. Source Emissions

The facility will accept higher limits on asphalt production than previously allowed in PTI 16-02103 issued 3/22/01 (i.e., 500,000 tons of asphalt/year instead of 400,000 tons of asphalt/year) to reflect new, company-specified emissions factors.

D. Conclusion

Diligent compliance with the operational restrictions along with comprehensive record keeping per the provisions of this permit should ensure the facility remains exempt from the Title V program.

NEW SOURCE REVIEW FORM B

PTI Number: 16-02201 Facility ID: 1667080013

FACILITY NAME Allied Corporation Plant 72

FACILITY DESCRIPTION Drum Replacement with Double Barrel CITY/TWP Streetsboro
 Drum, New Baghouse. Replaces 16-2103.

SIC CODE 2951 SCC CODE 3-05-002-01 EMISSIONS UNIT ID P901

EMISSIONS UNIT DESCRIPTION Hot Mix Asphalt Facility - 550 TPH double barrel drum plant burning used oil as an alternative fuel

DATE INSTALLED after PTI issued

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter				7.7 lbs/hr	3.5
PM ₁₀					
Sulfur Dioxide				66.0 lbs/hr	30.0
Total Organic Compounds				88.0 lbs/hr	40.0
Nitrogen Oxides				66.0 lbs/hr	30.0
Carbon Monoxide				214.5 lbs/hr	97.5
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? Part 60, Subpart I NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

baghouse and Title V synthetic minor production limits

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? NO

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to containinants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? YES NO

IDENTIFY THE AIR CONTAMINANTS: