



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: **FINAL PERMIT TO INSTALL MODIFICATION** CERTIFIED MAIL
LICKING COUNTY
Application No: 01-06482

DATE: 4/2/2002

Koch Materials Company
Don Giebler
800 Irving Wick Dr W
Heath, OH 43056

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,

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

CC: USEPA

CDO



**Permit To Install
Terms and Conditions**

**Issue Date: 4/2/2002
Effective Date: 4/2/2002**

FINAL ADMINISTRATIVE MODIFICATION OF PERMIT TO INSTALL 01-06482

Application Number: **01-06482**
APS Premise Number: **0145010013**
Permit Fee: **\$2175**
Name of Facility: **Koch Materials Company**
Person to Contact: **Don Giebler**
Address: **800 Irving Wick Dr W
Heath, OH 43056**

Location of proposed air contaminant source(s) [emissions unit(s)]:
**800 Irving Wick Drive W
Heath, Ohio**

Description of modification:
(12) Storage Tanks.

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

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Facility ID: **0145010013**

GENERAL PERMIT CONDITIONS

TERMINATION OF PERMIT TO INSTALL

Substantial construction for installation must take place within 18 months of the effective date of this permit. 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.

NOTICE OF INSPECTION

The Director of the Ohio Environmental Protection Agency, or his authorized representatives, may enter upon the premises of the above-named applicant during construction and operation at any reasonable time for the purpose of making inspections, conducting tests, or to examine records or reports pertaining to the construction, modification or installation of the source(s) of environmental pollutants identified within this permit.

CONSTRUCTION OF NEW SOURCES

The proposed source(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 are inadequate or cannot meet applicable standards.

If the construction of the proposed source(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 Ohio Administrative Code (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 applicable standards.

PERMIT TO INSTALL FEE

In accordance with Ohio Revised Code 3745.11, the specified Permit to Install fee must be remitted within 30 days of the effective date of this permit to install.

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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.

APPLICABILITY

This Permit to Install is applicable only to the contaminant sources identified. Separate application must be made to the Director for the installation or modification of any other contaminant sources.

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.

PERMIT TO OPERATE APPLICATION AND OPERATION AFTER COMPLETION OF CONSTRUCTION

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 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).

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.

SOURCE OPERATION 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 and regulations.

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<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
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AIR EMISSION SUMMARY

The air contaminant emissions units listed below comprise the Permit to Install for **Koch Materials Company** located in **LICKING** County. The emissions units listed below shall not exceed the emission limits/control requirements contained in the table. This condition in no way limits the applicability of any other state or federal regulations. Additionally, this condition does not limit the applicability of additional special terms and conditions of this permit.

<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
T025	T032	T036	16,800 gallon Knockout Oil tank with boiler, Modification to PTI issued 3-19-97	30,000 gallon Emulsion Tank No. 805 with boiler, Modification to PTI issued 3-19-97
T026	T033	T041	13,400 gallon Asphalt Tank with Boiler, Modification to PTI issued 3-19-97	30,000 gallon Emulsion Tank No. 806 with boiler, Modifications to PTI issued 3-19-97
T027	T034	T042	24,000 gallon fuel oil tank No. 560, Modification to PIT issued 3-19-97	30,000 gallon Emulsion Tank No. 807 with boiler, Modification to PTI issued 3-19-97
T031	T035	T043	30,000 gallon Emulsion Tank No. 804 with boiler, Modification to PTI issued 3-19-97	30,000 gallon Emulsion Tank No. 809 with boiler, Modification to PTI

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<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
issued 3-19-97	with (3) 1.2 MMBH boilers, Modification to PTI issued 3-19-97		Compliance with Applicable Rules and Regulations	Regulations
127,948 gallon AC tank No. 3001, Modification to PTI issued 3-19-97		<u>BAT Determination</u> Compliance with Applicable Rules and Regulations		Compliance with Applicable Rules and Regulations
1,007,592 gallon AC Tank No. 2001 with (3) 1.2 MMBH boilers, modification to PTI issued 3-19-97		Compliance with Applicable Rules and Regulations	Compliance with Applicable Rules and Regulations	Compliance with Applicable Rules and Regulations
1,151,534 gallon AC tank No. 25001		Compliance with Applicable Rules and Regulations	Compliance with Applicable Rules and Regulations	Compliance with Applicable Rules and Regulations

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<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
	3745-21-09 (L) 40 CFR 60, Subpart Kb	3745-21-09 (L)		
Applicable Federal & <u>OAC</u> <u>Rules</u>	3745-31-05 3745-21-09 (L)	3745-31-05 3745-21-09 (L)	Permit Allowable Mass Emissions and/or Control/Usage <u>Requirements</u>	0.02 TPY VOC; See Additional Special Terms and Conditions
3745-31-05 3745-21-09 (L) 40 CFR 60, Subpart Kb	3745-31-05 3745-21-09 (L)	3745-31-05 3745-21-09 (L) 40 CFR 60, Subpart Kb	0.36 TPY VOC; See Additional Special Terms and Conditions.	0.02 TPY VOC; See Additional Special Terms and Conditions
3745-31-05 3745-21-09 (L) 40 CFR 60, Subpart Kb Section 60.116b (a)(b)	3745-31-05 3745-21-09 (L)	3745-31-05 3745-21-09 (L) 40 CFR 60, Subpart Kb	0.05 TPY VOC; See Additional Special Terms and Conditions	0.02 TPY VOC; See Additional Special Terms and Conditions
3745-31-05	3745-31-05		0.02 TPY VOC; See Additional Special Terms and Conditions	0.02 TPY VOC; See Additional Special Terms and Conditions
3745-31-05	3745-31-05		0.02 TPY VOC; See Additional Special Terms and Conditions	3.58 TPY VOC; See Additional Special Terms and Condition

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SUMMARY
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
VOC	7.21

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NSPS REQUIREMENTS

The following sources are subject to the applicable provisions of the New Source Performance Standards (NSPS) as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60.

<u>Source Number</u>	<u>Source Description</u>	<u>NSPS Regulation (Subpart)</u>
T025	Tank 401/16,800 Knockout Oil Tank with boiler	Kb
T027	Tank 560/24,000 Fuel Oil Tank	Kb
T041	Tank 3001/127,948 AC Tank	Kb
T042	Tank 20001/1,151,534 AC Tank with (3) 1.2 MMBH boilers	Kb
T043	Tank 25001/1,151,534 AC Tank with (3) 1.2 MMBH boilers	Kb
T026	Tank 404/13,400 asphalt Tank with boiler	Kb

The application and enforcement of these standards are delegated to the Ohio EPA. The requirements of 40 CFR Part 60 are also federally enforceable.

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:

Ohio Environmental Protection Agency
DAPC - Air Quality Modeling and Planning
P.O. Box 1049
Columbus, OH 43216-1049

and OEPA Central District Office- DAPC
3232 Alum Creek Drive

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Columbus, Ohio 43207-3417

RECORD(S) RETENTION AND AVAILABILITY

All records required by this Permit to Install shall be retained on file for a period of not less than three years unless otherwise indicated by Ohio Environmental Protection Agency. All records shall be made available to the Director, or any representative of the Director, for review during normal business hours.

REPORTING REQUIREMENTS

Unless otherwise specified, reports required by the Permit to Install need only be submitted to **OEPA Central District Office-DAPC, 3232 Alum Creek Drive, Columbus, Ohio 43207-3417.**

MAINTENANCE OF EQUIPMENT

This source and its associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices and the recommendations of the respective manufacturers in order to minimize air contaminant emissions.

MALFUNCTION/ABATEMENT

In accordance with OAC RULE 3745-15-06, any malfunction of the source(s) or associated air pollution control system(s) shall be reported immediately to the **Central District Office-DAPC, 3232 Alum Creek Drive, Columbus, Ohio 43207-3417.**

Except as provided by OAC Rule 3745-15-06(A)(3), scheduled maintenance of air pollution control equipment that requires the shutdown or bypassing of air pollution control system(s) must be accompanied by the shutdown of the associated air pollution sources.

AIR POLLUTION NUISANCES PROHIBITED

The air contaminant source(s) identified in this permit may not cause a public nuisance in violation of OAC Rule 3745-15-07.

MISCELLANEOUS STORAGE TANKS

Unless otherwise indicated, BAT for any miscellaneous storage tanks identified within this permit consists of the use of submerged fill into the storage tanks. The submerged fill pipe(s) are to be installed within six (6) inches of the bottom of the storage tank.

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NEW SOURCE PERFORMANCE STANDARD SUBPART Kb

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

In accordance with 40 CFR 60.116b(a) and (b), the owner and operator of the following storage vessel(s) shall keep readily accessible records showing the dimension of each storage vessel and an analysis showing the capacity of each storage vessel for the life of each source.

<u>Source Number(s)</u>	<u>Tank Size</u>
T025	Tank 401-16,800 gallon
T027	Tank 560/24,000 gallon
T041	Tank 3001/127,948 gallon AC
T042	Tank 20001/1,007,592 gallon AC
T043	Tank 25001/1,151,534 gallon AC
T026	Tank 404/13,400 Asphalt tank with boiler

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ADDITIONAL SPECIAL TERMS AND CONDITIONS

1. New Source Performance Standards

Source (s) T026, T027, T041, T042, and T043, are subject to the applicable provisions of the New Source performance Standards (NSPS) as promulgated by the United States Environmental Protection Agency under 40 CFR Part 60, Subpart Kb.

2. Recordkeeping Requirements

The permittee shall maintain records of the following information:

- a. The types of petroleum liquids stored in the tank; and
- b. The maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid..

3. Reporting Requirements

If the permittee places, stores, or holds in the fixed roof tank any petroleum liquid with a true vapor pressure which is greater than 1.52 pounds per square inch absolute, and such tank does not comply with the requirements of paragraph (L) (1) of OAC rule 3745-21-09, the permittee shall notify the Director within 30 days of becoming aware of the occurrence.