

2 of 11 Pages

Facility Name: **ANTIOCH PUBLISHING COMPANY**

Application Number: **08-3872**

Date: **July 22, 1998**

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 SOURCE(S)

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 Ohio 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

3 of 11 Pages

Facility Name: **ANTIOCH PUBLISHING COMPANY**

Application Number: **08-3872**

Date: **July 22, 1998**

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 prove to be inadequate or 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 15 days of the effective date of this permit to install.

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.

4 of 11 Pages

Facility Name: **ANTIOCH PUBLISHING COMPANY**

Application Number: **08-3872**

Date: **July 22, 1998**

PERMIT TO OPERATE APPLICATION

A Permit to Operate application must be submitted to the appropriate field office for each air contaminant source in this Permit to Install. In accordance with OAC Rule 3745-35-02, the application shall be made at least 90 days prior to start-up of the source.

NINETY DAY OPERATING PERIOD

The facility will be permitted to operate during a 90-day period in accordance with OAC Rule 3745-35-02(C)(4)(b). The purpose of this period of operation is to fulfill the performance tests conditions used in the determination of compliance with the provisions of this Permit to Install or other applicable Ohio EPA rules.

SOURCE OPERATION AFTER COMPLETION OF CONSTRUCTION

This facility is permitted to operate each source described by this permit to install for 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.

5 of 11 Pages

Facility Name: **ANTIOCH PUBLISHING COMPANY**

Application Number: **08-3872**

Date: **July 22, 1998**

AIR EMISSION SUMMARY

The air contaminant emissions units listed below comprise the Permit to Install for **Antioch Publishing Company** located in **Greene** 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.

Ohio EPA Source <u>Number</u>	Source Identification <u>Description</u>	Applicable Federal & <u>OAC Rules</u>	Permit Allowable Mass Emissions and/or Control/Usage <u>Requirements</u>
K003	Flexographic printing press No. 1	3745-31-05	30% VOC by volume of the ink, excluding water and exempt solvents, as applies;
		3745-21-09 (Y)(1)(a)	1.47 lbs/hr VOC, 0.38 ton VOC/month, and 4.51 TPY VOC
			The limit based on this rule is less stringent than the limit established pursuant to OAC rule 3745-31-05 above.
K004	Flexographic printing	3745-31-05	30% VOC by volume of the

6 of 11 Pages

Facility Name: **ANTIOCH PUBLISHING COMPANY**

Application Number: **08-3872**

Date: **July 22, 1998**

press No. 2

ink, excluding
water and exempt
solvents, as
applied;

1.47 lbs/hr VOC,
0.38 ton
VOC/month, and
4.51 TPY VOC

3745-21-09
(Y)(1)(a)(I)

The limit based
on this rule is
less stringent
than the limit
established
pursuant to OAC
rule 3745-31-05
above.

Facility Name: **ANTIOCH PUBLISHING COMPANY**

Application Number: **08-3872**

Date: **July 22, 1998**

SUMMARY
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
VOC	9.02

REPORTING REQUIREMENTS

Unless otherwise specified, reports required by the Permit to Install need only be submitted to **Regional Air Pollution Control Agency, 451 West Third Street, P.O. Box 972, Dayton, Ohio 45422.**

WASTE DISPOSAL

The owner/operator shall comply with any applicable state and federal requirements governing the storage, treatment, transport and disposal of any waste material generated by the operation of the sources.

ADDITIONAL SPECIAL TERMS AND CONDITIONS

A. Additional Terms and Conditions

1. The 1.47 lbs/hr limitations specified in this permit were established to reflect the potential to emit for the emissions unit. Therefore, it is not necessary to develop record keeping and reporting requirements to ensure compliance with these limitations.

B. Monitoring and/or Recordkeeping Requirements

8 of 11 Pages

Facility Name: **ANTIOCH PUBLISHING COMPANY**

Application Number: **08-3872**

Date: **July 22, 1998**

1. The permittee shall collect and record the following information each month for the lines K003 and K004:
 - a. the name and identification number of each coating and ink, as applied;
 - b. the VOC content of each coating and ink in percent VOC by volume of the coating and ink, excluding water and exempt solvents, as applied [calculated in accordance with the equation specified in paragraph (B) (8) of OAC rule 3745-21-10 for $C_{VOC,5}$];
 - c. the number of gallons, excluding water and exempt solvents, of each ink employed; and,
 - d. the total VOC emissions from all the inks employed, in pounds or tons.

C. Reporting Requirements

1. The permittee shall notify the Director (Regional Air Pollution Control Agency) in writing of any monthly record showing the use of noncomplying coatings and inks. The notification shall include a copy of such record and shall be sent to the Director (Regional Air Pollution Control Agency) within 30 days following the end of the calendar month.
2. The permittee shall submit quarterly deviation (excursion) reports that identify each month during which the total VOC emission rate exceeded 0.38 ton/month, and the actual VOC emission rate for each such month.

These quarterly deviation (excursion) reports shall be submitted 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

Facility Name: **ANTIOCH PUBLISHING COMPANY**

Application Number: **08-3872**

Date: **July 22, 1998**

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 © any corrective actions or preventative measures which have been or will be taken, shall be submitted to the Regional Air Pollution Control 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.)

D. Testing Requirements

1. Compliance with the emission limitations specified in this permit shall be determined in accordance with the following method(s):

- a. Emission Limitation-
30% VOC by volume of the ink, excluding water and exempt solvents, as applied

Applicable Compliance Method-
Compliance shall be based upon the record keeping requirements specified in Section B. In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24A shall be used to determine the VOC contents of the coatings and inks. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24A cannot be used for a particular coating or ink, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating or ink to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24A.

- b. Emission Limitation-
1.47 lbs/hr VOC

10 of 11 Pages

Facility Name: **ANTIOCH PUBLISHING COMPANY**

Application Number: **08-3872**

Date: **July 22, 1998**

Applicable Compliance Method-
Compliance shall be determined by multiplying the maximum hourly ink usage rates for each emissions unit times the maximum VOC content of the inks employed in these emissions units.

- c. Emission Limitation-
0.38 ton/month VOC

Applicable Compliance Method-
Compliance shall be based upon the record keeping requirements specified in Section B.

- d. Emission Limitation-
4.51 TPY VOC

Applicable Compliance Method-
Compliance shall be based upon the record keeping requirements specified in Section B., and shall be the sum of the monthly VOC emission rates for the calendar year.