



State of Wisconsin
P.O. Box 12436
Milwaukee, WI 53212

DEPARTMENT OF NATURAL RESOURCES

Carroll D. Besadny
Secretary

December 1, 1987

File Ref: 4510
CERTIFIED MAIL

James Ramsthal, President
Serigraph Sales and Manufacturing Co., Inc.
760 Indiana Avenue
West Bend, WI 53095

Dear Mr. Ramsthal:

Your application for an air pollution control permit has been processed in accordance with Section 144.392, Wisconsin Statutes.

The enclosed permit is issued to provide authorization for your source to construct and operate in accordance with the requirements and conditions set forth within Parts I and II of the permit. Please read it carefully. A release for permanent operation will be issued after verification that the source was constructed and initially operated according to the plans and specifications as approved by the Department.

This permit is effective immediately unless a petition for a contested case hearing for administrative review of the permit is filed with the Department under Section 144.403, Wisconsin Statutes, within 30 days after the date of the permit. Any petition for a hearing should name the Wisconsin Department of Natural Resources as respondent. The petition must set forth specifically the issue sought to be reviewed, the interest of the petitioner, the reasons why a hearing is warranted and the relief desired.

Enclosed with the permit there is a bill for the cost of reviewing and acting upon your air pollution control permit. This bill is due and payable in 30 days of the date of the issuance of the permit. This fee should be made payable to Wisconsin Department of Natural Resources and returned to the address on the bill.

This permit may be revised as a result of rulemaking by the Department or the adoption of standardized permit forms and procedures which may differ from this document. At the time of such revision, permits reflecting these changes will automatically be issued.

A copy of this permit should be available at the source for inspection by any authorized representative of the Department. Questions about

Mr. Ramsthal, President

2.

this permit should be directed to the Southeast District Air Program,
P.O. Box 12436, Milwaukee, Wisconsin 53212, (414) 562-9592.

STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES

By Wolfgang H. Klassen
Wolfgang H. Klassen
Assistant District Director
Air Management

Attach.

c: Bureau of Air Management - AM/3 - GEF II
SED Permit File

AIR POLLUTION CONTROL PERMIT
ATTAINMENT AREA MINOR SOURCE

EI FACILITY NO.: 267065260

PERMIT NO.: 87-DAA-228

STACK NO(S): S01, S02, S03, S04, S05

TYPE: Construct and operate

SOURCE NO(S): P01, P02, P03, P04, P05

Permission to commence construction ends eighteen (18) months from the day this permit is issued. Once a release for permanent operation has been issued, this operating permit is permanent unless altered, revoked or suspended.

In compliance with the provisions of Chapter 144, Wisconsin Statutes, and Chapters NR 400-499, Wisconsin Administrative Code,

Name of Source: Serigraph Sales and Mfg. Co., Inc.

Street Address: 1859 E. Decorah Road
West Bend, Wisconsin

Principal Officer or
Authorized Representative
and Title: James Ramsthal, President

is authorized to construct and operate screening equipment and related processes in strict conformity with the plans and specifications dated June 10, 1987, August 18, 1987, August 27, 1987, September 10, 1987 and as approved herein.

This authorization requires compliance by the permit holder with the emission limitations, monitoring requirements and other terms and conditions set forth in Parts I and II hereof.

Dated at Milwaukee, Wisconsin this 1st day of December, 1987.

STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES
For the Secretary

By Wolfgang H. Klassen
Wolfgang H. Klassen,
Assistant District Director
Air Management

PART I
SPECIFIC PERMIT CONDITIONS

A. Emission Limitations

I. Work Centers: A1, A3, A4, A5, B3, B4, B6, C7, F1, F2, F4, and RC1

Pollutant	Applicable Wisconsin Adm. Code or Statutes	Limitation Requirement
Organic Compounds		
a. Process Emissions	Sec. NR 424.03(2)(a), Wis. Adm. Code	85% control of emissions from photochemically reactive organic compounds.
b. Non-Process Emissions	Sec. NR 419.03 & .04, Wis. Adm. Code	See Note E below.
Malodorous Emissions	Sec. NR 429.03(1), Wis. Adm. Code	See Note A below.

II. Silk Screen Printer Work Centers: A2, A6, A7, B1, B2, B5, C1, C2, C3, C4, C5, C6, D1, D2, D3, C8, C9, and CMI

Pollutant	Applicable Wisconsin Adm. Code or Statutes	Limitation Requirement
Organic Compounds		
a. Process Emissions	Sec. NR 424.03(2)(c), Wis. Adm. Code	Latest available control techniques and operating practices demonstrating best current technology. See Note B below.
b. Non-Process Emissions	Sec. NR 419.03 & .04, Wis. Adm. Code	See Note E below.
Malodorous Emissions	Sec. NR 429.03(1), Wis. Adm. Code	See Note A below.

III. Roll Coater Work Centers: RC2 and RC3

Pollutant	Applicable Wisconsin Adm. Code or Statutes	Limitation Requirement
Organic Compounds		
a. Process Emissions	Sec. NR 424.03(2)(c), Wis. Adm. Code	Latest available control techniques and operating practices demonstrating best current technology. See Note C below.
b. Non-Process Emissions	Sec. NR 419.03 & .04, Wis. Adm. Code	See Note E below.
Malodorous Emissions	Sec. NR 429.03(1), Wis. Adm. Code	See Note A below.

IV. Screen Washer Work Center SWA1

Pollutant	Applicable Wisconsin Adm. Code or Statutes	Limitation Requirement
Organic Compounds	Sec. NR 424.03(2)(c), Wis. Adm. Code	Latest available control techniques and operating practices demonstrating best current technology. See Note D below.
Malodorous Emissions	Sec. NR 429.03(1), Wis. Adm. Code	See Note A below.

V. Process Ovens for Work Centers: B1, B2, B3, B4, B5, B6, C1, C2, C3, C4, C5, C6, C7, BOA1, BOA2, and BOC1

Pollutant	Applicable Wisconsin Adm. Code or Statutes	Limitation Requirement
Nitrogen Oxides	Sec. NR 428.03, Wis. Adm. Code	2 pounds per hour total
Visible Emissions	Sec. NR 431.05(1), Wis. Adm. Code	20% opacity
Malodorous Emissions	Sec. NR. 429.03(1), Wis. Adm. Code	See Note A below.

Note A

No person shall cause, suffer, allow, or permit emission into the ambient air any substance or combination of substances in such quantities that an objectionable odor is determined to result unless preventive measures satisfactory to the Department are taken to abate, or control such emission.

Note B

The Department has determined that the latest available control techniques and operating practices demonstrating best current technology is the use of inks with a maximum VOC content of 7 pounds per gallon, as applied.

Note C

The Department has determined that the latest available control techniques and operating practices demonstrating best current technology is the use of coatings with a maximum VOC content of 7.7 pounds per gallon, as applied.

Note D

The Department has determined that the latest available control techniques and operating practices demonstrating best current technology is the emission of a maximum of 0.95 pounds of VOC for each screen cleaned.

Note E

No person shall cause, allow or permit organic compound emissions into the ambient air which substantially contribute to the exceeding of an air standard or cause air pollution.

No person shall cause, allow or permit organic compounds to be used or handled without using good operating practices and taking reasonable precautions to prevent the spillage, escape or emission of organic compounds, solvents or mixtures. Such precautions shall include, but are not limited to:

- a. Use of caution to prevent spillage or leakage when filling tanks, trucks or trailers.
- b. Use of caution when filling automobile tanks to prevent spillage.

No person shall cause, allow, or permit the disposal of more than 5.7 liters (1.5 gallons) of any liquid VOC waste, or of any liquid, semisolid or solid waste materials containing more than 5.7 liters (1.5 gallons) of any VOC, in any one day from a facility in a manner that would permit their evaporation into the ambient air during the ozone season. This includes, but is not limited to, the disposal of VOC which must be removed from VOC control devices so as to maintain the control devices at their required operating efficiency.

Disposal during the ozone season shall be by methods approved by the Department, such as incineration, recovery for reuse, or transfer in closed containers to an acceptable disposal facility, such that the quantity of VOC which evaporates into the ambient air does not exceed 15% (by weight) or 5.7 liters (1.5 gallons) in any one day, whichever is larger.

B. Other Specific Conditions

1. Initial Operation Notification

The permittee shall inform the Wisconsin Department of Natural Resources, Southeast District Air Program, 2300 N. Dr. Martin Luther King, Jr. Drive, Milwaukee, WI 53212, thirty (30) days prior to initial operation of the sources covered by this permit. Furthermore, the permittee shall send the district construction progress reports every 30 days until a release for permanent operation is granted.

2. Release for Permanent Operation

This permit does authorize an initial operation period of 60 days for equipment shake-down, testing and Department evaluation of operation to assure conformity with the permit conditions. Permanent operation of the source(s) covered by this permit after the initial operation period is prohibited until a release has been issued by the Department.

3. Serigraph shall limit total volatile organic compound (VOC) emissions from ink solvents, coating solvents, and cleanup solvents to 8.25 tons per month for the entire facility. Serigraph shall maintain written records to verify compliance with this requirement. These records shall be kept for at least three years and made available to the Department upon request.

4. Serigraph shall limit total volatile organic compound (VOC) emissions from ink solvents, coating solvents, and clean up solvents to 75 tons per year for work centers A2, A6, A7, B1, B2, B5, C1, C2, C3, C4, C5, C6, D1, D2, D3, F3, RC2, RC3, C8, C9, CM1, and SWA1. Serigraph shall provide and maintain a VOC emission offset of 90 tons for the operation of this equipment. Serigraph shall maintain written records to verify compliance with this requirement. These records shall be kept for at least three years and made available to the Department upon request.

Glossary 0356(h)

PART II
GENERAL PERMIT CONDITIONS
FOR DIRECT STATIONARY SOURCES

A. Scope

This permit is valid only for the structure, building, facility, equipment or operations specifically identified herein. All emissions authorized hereby shall be consistent with the terms and conditions of Parts I and II of this permit.

B. Prevention of Air Pollution

No person may cause, allow or permit the emissions of any air contaminant into the ambient air from a source subject to this permit which substantially contribute to the exceeding of an air standard or which cause air pollution.

C. Notification Requirements

Pursuant to sec. 144.394(3), Wis. Stats. and Section NR 154.06(1) and (2)(f), Wis. Adm. Code, the Department shall be notified of the following events:

<u>Event</u>	<u>Timing</u>
Hazardous substance air spill	Immediate-call: (608)266-3232
Malfunction or event not reported in advance which causes or may cause any violation of an emission limitation.	Within 8 hours of onset
Noncompliance with any other condition specified in this permit	Written notification within 5 days identifying noncompliance, cause, duration, and steps taken to prevent reoccurrence.

D. Advance Notice of Startup or Shutdown

The permittee shall report to the Department in advance schedules for planned shutdown and startup of air pollution control equipment and the measures to be taken to minimize the down time of the control equipment. Scheduled maintenance or startup of other equipment which causes an emission limit to be exceeded shall also be reported in advance to the Department. Advance reporting pursuant to this permit condition or Section NR 154.06(2)(h), Wis. Adm. Code, shall not relieve any person from the duty to comply with any applicable emission limitations.

Revised 5/86

E. Right of Entry

Pursuant to sec. 144.34, Wis. Stats., the permittee shall allow authorized representatives of the Department of Natural Resources to enter upon the permittee's premises; to have access to and copy any records required to be kept under the terms and conditions of this permit; and to make any inspection necessary to ascertain compliance.

F. Malfunction Prevention and Abatement Plans

Pursuant to Section NR 154.06(9), Wis. Adm. Code, the owner or operator of any direct or portable source which may emit hazardous substances or emits more than 15 pounds in any day or 3 pounds in any hour of carbon monoxide, particulate matter, hydrocarbons, sulfur oxides, nitrogen dioxide or photochemical oxidants shall prepare a written malfunction prevention and abatement plan to prevent, detect and correct malfunctions or equipment failures which may cause any emission limitation to be violated or which may cause air pollution. Any such plan shall be carried out by the owner or operator. The plan shall be updated as needed and is subject to Department review, approval and amendment.

G. Emission Control Action Programs

Pursuant to Section NR 493.02, Wis. Adm. Code, if the source(s) covered by this permit emits 0.25 tons per day or more of carbon monoxide, particulate matter, hydrocarbons, sulfur oxides, nitrogen dioxide or photochemical oxidants, the permittee shall prepare an emission control action program consistent with good industrial practice and safe operating procedures, for reducing the emission of air contaminants into the outdoor atmosphere during periods of an air pollution alert, air pollution warning or air pollution emergency. The emission control action program shall be in writing, available on the premises for inspection and subject to review and approval by the Department on request.

H. Permit Alteration, Revocation, Suspension

After notice and opportunity for a hearing, as provided in sec. 144.395, Wis. Stats., this permit may be altered, suspended, or revoked in whole or in part for cause. Circumstances which could result in alteration of the permit include but are not limited to the following:

1. A significant or recurring violation of any term or condition of this permit;
2. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts;
3. A change in any applicable rule.

In addition to the circumstances in 1. and 2., failure to pay any required permit fees may result in revocation or suspension.

Revised 5/86

I. Civil Liability

Nothing in this permit shall be construed to relieve the permit holder from civil penalties under sec. 144.426, 144.96 or 144.99, Wis. Stats., for violation of the terms or conditions of this permit, or for violation of secs. 144.30 to 144.426, 144.76 and 144.96, Wis. Stats., or of any rule or any special order issued under those sections.

J. Other Laws

Nothing in this permit shall be construed to preclude the institution of any legal action or to relieve the permit holder from any responsibilities, liabilities, or penalties established pursuant to any other applicable federal, State, or local law or regulation. The issuance of this permit does not convey any property rights in either real or personal property, nor does it authorize any injury to private property or any invasion of personal rights.

K. Records Retention

All records and information resulting from any monitoring activities required by this permit shall be retained by the permittee for a minimum of three years pursuant to Section NR 154.06(3), Wis. Adm. Code, unless specified in writing by the Department.

L. Reporting

Reports required by Part I of this permit, if any, shall be signed by an authorized representative of the source.

M. Confidential Information

Except for information determined to be confidential under sec. 144.33, Wis. Stats., any information or reports received by the Department in the permit application process, or subsequently obtained, will be available for public inspection at the offices of the Department of Natural Resources.

N. Notification of Transfer

In the event of a transfer of control of operation or ownership of the source, the permittee, prior to such transfer, shall notify its successor by letter of the need for a permit. A copy of this letter shall be forwarded to the Department.

O. Nonexempt Modifications

"Modification" means any change in the physical size or method of operation of a stationary source which:

- (1) increases the potential amount of emissions of an air contaminant;
- (2) results in the emission of an air contaminant not previously emitted;
or
- (3) results in the violation of an ambient air increment.

Any modification of a source subject to this permit, which is in violation of a term or condition of this permit, is prohibited and may not occur unless a modification of the permit is obtained. If the modification is not in violation of a term or condition of this permit and the modification is an exempt modification under section 144.391(4), Stats., or Section NR 154.04, Wis. Adm. Code, or is authorized by a permit, no additional permit is required for the modification. All other modifications require a permit prior to commencing the modification.

P. Reconstruction or Replacement

Unless the replacement is authorized by a permit or is exempt under Section NR 154.04, Wis. Adm. Code, replacement of the source(s) covered by this permit is prohibited. If the source(s) covered by this permit is a nonattainment major source or is subject to New Source Performance Standards, reconstruction may also be prohibited unless authorized by a permit.

Q. Circumvention

Pursuant to Section NR 154.06(8)(a), Wis. Adm. Code, the installation or use of any article, machine, equipment, process, or method, which conceals an emission which would otherwise constitute a violation of an applicable rule is prohibited unless written approval has been obtained from the Department. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance and the unnecessary separation of an operation into parts to avoid coverage by a rule that applies only to operations larger than a specified size.

R. Operating Permit Review

Operating permits shall be reviewed at least once every 5 years and not more than once every 2 years, in accordance with sec. 144.397, Wis. Stats. The Department may use information received in public comments or at the public hearing as the basis to initiate proceedings under sec. 144.395, Wis. Stats., to alter, suspend, or revoke the permit.

S. Forfeitures

In addition to other penalties or remedies, sec. 144.426, Wis. Stats., provides that any person who violates this permit shall forfeit not less than \$10 nor more than \$25,000 for each violation. Each day of continued violation is a separate offense.

T. Severability

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

U. Payment of Application Fee

Sources which are required under chapter NR 410, Wis. Adm. Code and Section 144.399, Wis. Stats. to pay an application fee, shall pay the fee within 30 days of the date of the billing statement. The Department may not issue the release for permanent operation of the source until the Department receives full payment of the application fee.

V. Annual Permit Fee

Pursuant to Sec. NR 410.05, Wis. Adm. Code, any person who owns or operates an air contaminant source for which an air pollution control permit has been issued shall pay an annual fee for the implementation and enforcement of the permit conditions.