

**New York State Department of Environmental Conservation
Facility DEC ID: 1472002389**



**PERMIT
Under the Environmental Conservation Law (ECL)**

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 1-4720-02389/00001
Effective Date: 12/23/1999 Expiration Date: No expiration date

Permit Issued To: C A M GRAPHICS CO INC
15 RANICK DR WEST
AMITYVILLE, NY 11701-2834

Contact: PAUL E DRAGO
CAM GRAPHICS
206 NEW HIGHWAY
AMITYVILLE, NY 11701
(631) 842-3400

Facility: CAM GRAPHICS CO PROPERTY
206 NEW HIGHWAY
AMITYVILLE, NY 11701

Description:

Permit Description - CAM GRAPHICS CO, INC.

1. NATURE OF THE BUSINESS CONDUCTED AT THE FACILITY INCLUDING APPLICABLE SIC CODE(S):

CAM Graphics operates a screen printing process associated with the manufacturing of electronic components including but not limited to miscellaneous electronic pads and resistive touch screen controllers. Ink is applied to a plastic type substrate. The screen printing process utilizes uv coatings, conductive inks and approved low-use specialty inks and/or coatings where the plant wide total annual usage is equal to or less than 55 gallons.

3679 (Primary) - Electronic components, Not elsewhere classified

2. TYPE OF EQUIPMENT AND OPERATIONS CARRIED ON AT THE PLANT:

The facility consists of manual and semi-automatic screen printing presses and two ovens.

3. AIR PERMIT APPLICABILITY:

CAM Graphics is located in Amityville, New York. The facility consists of a screen printing operation. The facility qualifies for the following exemptions:

FINAL

New York State Department of Environmental Conservation
Facility DEC ID: 1472002389



- a. 6NYCRR Part 201-3.2(c)(19) ultraviolet curing operations;
- b. 6NYCRR Part 234.1(h)(1) conductive inks which are applied at screen printing processes in the production of electronic circuits that permit electric current flow through the printed line or pattern;
- c. 6NYCRR Part 234.1(h)(4) low-use specialty inks and/or coatings where the plant wide total annual usage is equal to or less than 55 gallons.

All inks and/ or coatings currently used during the screen printing process at CAM Graphics fall under one of the above listed exemptions. This state facility permit is being issued in order to approve the low-use specialty inks used at the facility. If the screen printing process requires an ink to be used that does not fall under one of the above-listed exemptions, the facility should follow the requirements and limits in 6NYCRR Part 234 or submit a modification application.

- 4. **OCCURRENCE OF CAPPING:** None
- 5. **CONSENT ORDERS OR COMPLIANCE PLA:** None

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified and any Special Conditions included as part of this permit.

Permit Administrator: GEORGE W HAMMARTH
DIVISION OF ENVIRONMENTAL PERMITS
SUNY CAMPUS, LOOP ROAD, BUILDING 40
STONY BROOK, NY 11790-2356

Authorized Signature: _____ **Date:** ____ / ____ / _____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

The permittee expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees, and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit

The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

Item C: Permittee Responsible for Obtaining Other Required Permits

The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

Item D: No Right to Trespass or Interfere with Riparian Rights

This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

Facility Inspection by the Department

Relationship of this Permit to Other Department Orders and Determinations

Applications for Permit Renewals and Modifications

Permit Modifications, Suspensions, and Revocations by the Department

Facility Level

Submission of Applications for Permit Modification or Renewal-REGION 1
HEADQUARTERS



DEC GENERAL CONDITIONS
****** General Provisions ******
GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department
Applicable State Requirement: ECL 19-0305

Item 1.1:

The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).

Item 1.2:

The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

Item 1.3:

A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

Condition 2: Relationship of this Permit to Other Department Orders and Determinations
Applicable State Requirement: ECL 3-0301.2(m)

Item 2.1:

Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

Condition 3: Applications for Permit Renewals and Modifications
Applicable State Requirement: 6NYCRR 621.13(a)

Item 3.1:

The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

Item 3.2:

The permittee must submit a renewal application at least 180 days before expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

Condition 4: Permit Modifications, Suspensions, and Revocations by the Department
Applicable State Requirement: 6NYCRR 621.14

New York State Department of Environmental Conservation
Facility DEC ID: 1472002389



Item 4.1:

The Department reserves the right to modify, suspend, or revoke this permit. The grounds for modification, suspension or revocation include:

- a) the scope of the permitted activity is exceeded or a violation of any condition of the permit or provisions of the ECL and pertinent regulations is found;
- b) the permit was obtained by misrepresentation or failure to disclose relevant facts;
- c) new material information is discovered; or
- d) environmental conditions, relevant technology, or applicable law or regulation have materially changed since the permit was issued.

****** Facility Level ******

**Condition 5: Submission of Applications for Permit Modification or Renewal-REGION 1
HEADQUARTERS**
Applicable State Requirement: 6NYCRR 621.5(a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:

NYSDEC Regional Permit Administrator
Region 1 Headquarters
Division of Environmental Permits
SUNY Campus, Loop Road, Building 40
Stony Brook, NY 11790-2356
(631) 444-0365



New York State Department of Environmental Conservation

Permit ID: 1-4720-02389/00001

Facility DEC ID: 1472002389

Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

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Facility: CAM GRAPHICS CO PROPERTY
206 NEW HIGHWAY
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Authorized Activity By Standard Industrial Classification Code:
3679 - ELECTRONIC COMPONENTS, NEC

New York State Department of Environmental Conservation

Permit ID: 1-4720-02389/00001

Facility DEC ID: 1472002389



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6NYCRR 200.1: Definitions Applicable To This Permit
- 2 6NYCRR 200.5: Sealing
- 3 6NYCRR 200.6: Acceptable ambient air quality
- 4 6NYCRR 200.7: Maintenance of equipment
- 5 6NYCRR 201-1.2: Unpermitted Emission Sources
- 6 6NYCRR 201-1.4: Unavoidable Noncompliance and Violations
- 7 6NYCRR 201-1.5: Emergency Defense
- 8 6NYCRR 201-1.7: Recycling and Salvage
- 9 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the Air
- 10 6NYCRR 201-1.10(a): Public Access to Recordkeeping
- 11 6NYCRR 201-3.2(a): Proof of Eligibility
- 12 6NYCRR 201-3.3(a): Proof of Eligibility
- 13 6NYCRR 202-1.1: Required emissions tests
- 14 6NYCRR 211.3: Visible emissions limited.
- 15 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites
- 16 6NYCRR 234.1(h): Compliance Demonstration
- 17 6NYCRR 234.6: Handling, storage, and disposal of volatile organic compounds
- 18 40CFR 82, Subpart F: Recycling and Emissions Reduction

Emission Unit Level

EU=A-00001

- 19 6NYCRR 234.3(e): Compliance Demonstration

EU=A-00001,Proc=001

- 20 6NYCRR 234.3(c): Compliance Demonstration
- 21 6NYCRR 234.4(b)(3): Compliance Demonstration
- 22 6NYCRR 234.4(b)(4): sampling

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 23 6NYCRR 201-5: General Provisions
- 24 6NYCRR 201-5: Emission Unit Definition
- 25 6NYCRR 201-5.3(b): Contaminant List
- 26 6NYCRR 211.2: Air pollution prohibited
- 27 6NYCRR 217-3.2(a): Diesel truck opacity limitation
- 28 6NYCRR 217-3.2(b): Idling of diesel trucks limited

Emission Unit Level

- 29 6NYCRR 201-5: Emission Point Definition By Emission Unit
- 30 6NYCRR 201-5: Process Definition By Emission Unit

New York State Department of Environmental Conservation

Permit ID: 1-4720-02389/00001

Facility DEC ID: 1472002389



Permit Effective Date: 12/23/1999

Permit Expiration Date: No expiration date.



New York State Department of Environmental Conservation

Permit ID: 1-4720-02389/00001

Facility DEC ID: 1472002389

FEDERALLY ENFORCEABLE CONDITIONS

****** Facility Level ******

Condition 1: Definitions Applicable To This Permit
Effective between the dates of 12/23/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 200.1

Item 1.1:

The definitions found in Parts 200 and 201 apply throughout this permit. Specific definitions used in this permit and their meanings include:

1. "Act" refers to the Federal Clean Air Act, 42 U.S.C. Section 7401, et seq., as amended by Public Law 101-549, November 15, 1990.
2. "Administrator" refers to the Administrator of the United States Environmental Protection Agency or designee.
3. "Department" refers to the New York State Department of Environmental Conservation.

Condition 2: Sealing
Effective between the dates of 12/23/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 200.5

Item 2.1:

(a) The commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the commissioner issued in the case of the violation. Sealing means labelling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

(b) No person shall operate any air contamination source sealed by the commissioner in accordance with this section unless a modification has been made which enables such source to comply with all requirements applicable to such modification.

(c) Unless authorized by the commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section

Condition 3: Acceptable ambient air quality
Effective between the dates of 12/23/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 200.6



New York State Department of Environmental Conservation

Permit ID: 1-4720-02389/00001

Facility DEC ID: 1472002389

Item 3.1:

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the commissioner shall specify the degree and/or method of emission control required.

Condition 4:

Maintenance of equipment

Effective between the dates of 12/23/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 200.7

Item 4.1:

Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications, required to operate such device effectively.

Condition 5:

Unpermitted Emission Sources

Effective between the dates of 12/23/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-1.2

Item 5.1:

If an existing emission source was subject to the permitting requirements of 6NYCRR Part 201 at the time of construction or modification, and the owner and/or operator failed to apply for a permit for such emission source then the following provisions apply:

- (a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.
- (b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

Condition 6:

Unavoidable Noncompliance and Violations

Effective between the dates of 12/23/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-1.4

Item 6.1:

At the discretion of the commissioner a violation of any applicable emission standard for necessary scheduled equipment maintenance, start-up/shutdown conditions and malfunctions or upsets may be excused if such violations are unavoidable. The following actions and recordkeeping and reporting requirements must be adhered to in such circumstances.

- (a) The facility owner and/or operator shall compile and maintain records of all equipment



New York State Department of Environmental Conservation

Permit ID: 1-4720-02389/00001

Facility DEC ID: 1472002389

maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit or certificate issued for the corresponding air contamination source. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.

(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates.

(c) The Department may also require the owner and/or operator to include in reports described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.

(d) In the event of maintenance, start-up/shutdown or malfunction conditions which result in emissions exceeding any applicable emission standard, the facility owner and/or operator shall take appropriate action to prevent emissions which will result in contravention of any applicable ambient air quality standard. Reasonably available control technology, as determined by the commissioner, shall be applied during any maintenance, start-up/shutdown or malfunction condition subject to this paragraph.

Condition 7: Emergency Defense
Effective between the dates of 12/23/1999 and Permit Expiration Date

Applicable Federal/6NYCRR 201-1.5

Item 7.1:

An emergency constitutes an affirmative defense to an action brought for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

(a) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

(1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;

(2) The equipment at the permitted facility causing the emergency was at the time being properly operated;



New York State Department of Environmental Conservation

Permit ID: 1-4720-02389/00001

Facility DEC ID: 1472002389

(3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and

(4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

(b) In any enforcement proceeding, the facility owner and/or operator seeking to establish the occurrence of an emergency has the burden of proof.

(c) This provision is in addition to any emergency or upset provision contained in any applicable requirement.

Condition 8: Recycling and Salvage
Effective between the dates of 12/23/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-1.7

Item 8.1:

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of 6 NYCRR.

Condition 9: Prohibition of Reintroduction of Collected Contaminants to the Air
Effective between the dates of 12/23/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-1.8

Item 9.1:

No person shall unnecessarily remove, handle, or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

Condition 10: Public Access to Recordkeeping
Effective between the dates of 12/23/1999 and Permit Expiration Date

Applicable F6NYCRR 201-1.10(a)

Item 10.1:

Where emission source owners and/or operators keep records pursuant to compliance with the operational flexibility requirements of 6 NYCRR Subpart 201-5.4(b)(1) , and/or the emission capping requirements of 6 NYCRR Subparts 201-7.2(d), 201-7.3(f), 201-7.3(g), 201-7.3(h)(5), 201-7.3(i) and 201-7.3(j), the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Emission source owners and/or operators must submit the records required to comply with the request within sixty working days of written notification

New York State Department of Environmental Conservation

Permit ID: 1-4720-02389/00001

Facility DEC ID: 1472002389



by the Department of receipt of the request.

Condition 11: Proof of Eligibility
Effective between the dates of 12/23/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-3.2(a)

Item 11.1:

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Condition 12: Proof of Eligibility
Effective between the dates of 12/23/1999 and Permit Expiration Date

Applicable Fe6NYCRR 201-3.3(a)

Item 12.1:

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Condition 13: Required emissions tests
Effective between the dates of 12/23/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 202-1.1

Item 13.1:

An acceptable report of measured emissions shall be submitted, as may be required by the commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation. Failure to submit a report acceptable to the commissioner within the time stated shall be sufficient reason for the commissioner to suspend or deny an operating permit. Notification and acceptable procedures are specified in 6NYCRR Part 202-1.

Condition 14: Visible emissions limited.
Effective between the dates of 12/23/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 211.3

New York State Department of Environmental Conservation

Permit ID: 1-4720-02389/00001

Facility DEC ID: 1472002389



Item 14.1:

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

Condition 15:

**Open Fires Prohibited at Industrial and Commercial Sites
Effective between the dates of 12/23/1999 and Permit Expiration Date**

Applicable Federal Requirement: 6NYCRR 215

Item 15.1:

No person shall burn, cause, suffer, allow or permit the burning in an open fire of garbage, rubbish for salvage, or rubbish generated by industrial or commercial activities.

Condition 16:

**Compliance Demonstration
Effective between the dates of 12/23/1999 and Permit Expiration Date**

Applicable Federal Requirement: 6NYCRR 234.1(h)

Item 16.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 16.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

RECORDS WILL BE MAINTAINED THAT DOCUMENT THAT TOTAL ANNUAL USAGE OF LOW USE SPECIALTY INKS IS EQUAL TO OR LESS THAN 55 GALLONS. THE FOLLOWING SPECIALTY INKS HAVE BEEN APPROVED BY THE DEPARTMENT, PROVIDED THAT TOTAL USAGE REMAINS BELOW OR EQUAL TO 55 GALLONS PER 12 CONSECUTIVE MONTH ROLLING AVERAGE:

NAZDAR: GV SERIES, VF SERIES, RE SERIES,
BE/ER SERIES
NAZDAR/ADVANCE: 8000 SERIES
SERICOL: TM SERIES
CHAMPION: 400 SERIES
COATES: C-29, C-37, ET SERIES



Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (ANNIVERSARY)
Initial Report Due: 01/21/2001 for the period 12/23/1999 through 12/22/2000

Condition 17: Handling, storage, and disposal of volatile organic compounds
Effective between the dates of 12/23/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 234.6

Item 17.1:

No owner or operator of a facility subject to 6NYCRR Part 234 shall:

- (a) use open containers to store or dispose of cloth or paper impregnated with VOC and/or solvents that are used for surface preparation, cleanup or ink/coating removal;
- (b) store in open containers spent or fresh VOC and/or solvents to be used for surface preparation, cleanup or ink/coating removal;
- (c) use open containers to store or dispose of inks and/or surface coatings; or
- (d) use open containers to store or dispense inks and/or surface coatings unless production, sampling, maintenance or inspection procedures require operational access. This provision does not apply to the actual device or equipment designed for the purposes of applying an ink or coating to a substrate.

Condition 18: Recycling and Emissions Reduction
Effective between the dates of 12/23/1999 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 82, Subpart F

Item 18.1:

The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for MVAC's in Subpart B:

- a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR Part 82.156.
- b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR Part 82.158.
- c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR Part 82.161.
- d. Persons disposing of small appliances, MVAC's, and MVAC-like appliances must comply with



New York State Department of Environmental Conservation

Permit ID: 1-4720-02389/00001

Facility DEC ID: 1472002389

recordkeeping requirements pursuant to 40 CFR Part 82.166. ("MVAC-like appliance as defined at 40 CFR Part 82.152)

e. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR Part 82.156.

f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR Part 82.166.

****** Emission Unit Level ******

Condition 19:

Compliance Demonstration

Effective between the dates of 12/23/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 234.3(e)

Item 19.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: A-00001

Item 19.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

No person shall cause or allow emissions to the outdoor atmosphere having an average opacity of 10 percent or greater for any consecutive six-minute period from any emission source subject to 6NYCRR Part 234.

Parameter Monitored: OPACITY

Upper Permit Limit: 10.0 percent

Monitoring Frequency: CONTINUOUS

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 20:

Compliance Demonstration

Effective between the dates of 12/23/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 234.3(e)

Item 20.1:

The Compliance Demonstration activity will be performed for:



New York State Department of Environmental Conservation

Permit ID: 1-4720-02389/00001

Facility DEC ID: 1472002389

Emission Unit: A-00001

Process: 001

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 20.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

Any owner or operator of a screen printing process subject to this Part, shall not operate, cause, allow, or permit the usage of inks/coatings or adhesives that exceed the maximum permitted pounds of volatile organic compounds (VOCs) per gallon, minus water and excluded VOCs, at the following applications - paper, glass, metal, plastic/vinyl, reflective sheeting, textile/imprinted garments, pressure sensitive decals, and plywood/wood.

Parameter Monitored: VOC CONTENT

Upper Permit Limit: 3.3 pounds per gallon

Monitoring Frequency: CONTINUOUS

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY
TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)

Initial Report Due: 07/22/2000 for the period 12/23/1999 through 06/22/2000

Condition 21:

Compliance Demonstration

Effective between the dates of 12/23/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 234.4(b)(3)

Item 21.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: A-00001

Process: 001

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 21.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

New York State Department of Environmental Conservation

Permit ID: 1-4720-02389/00001

Facility DEC ID: 1472002389



Monitoring Description:

Purchase, usage and/or production records of inks, VOC and solvents must be maintained in a format acceptable to the commissioner's representative, and upon request, these records must be submitted to the department's representative. In addition, any other information required to determine compliance with 6NYCRR Part 234 must be provided to the commissioner's representative in a format acceptable to him or her. Records must be maintained at the facility of a period of five years.

The facility shall maintain the following records for each ink, cleaning solvent, and other VOC used in the printing process, on a monthly basis:

1. The brand and product name or code for the material.
2. The quantity of material used during the calendar month.
3. The VOC content of the material.

In addition, copies of all purchase orders, invoices, and other documents for supplies and equipment that are used to support the monthly log are to be kept on site.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 22:

sampling

Effective between the dates of 12/23/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 234.4(b)(4)

Item 22.1:

This Condition applies to Emission Unit: A-00001
Process: 001

Item 22.2:

The results of any analysis or other procedure used for establishing compliance must be provided to the commissioner's representative. Representatives of the department shall be permitted, during reasonable business hours, to obtain ink and/or fountain solution samples for the purpose of determining compliance with 6NYCRR Part 234.

New York State Department of Environmental Conservation

Permit ID: 1-4720-02389/00001

Facility DEC ID: 1472002389



STATE ONLY ENFORCEABLE CONDITIONS

****** Facility Level ******

Condition 23:

General Provisions

Effective between the dates of 12/23/1999 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 23.1:

This section contains terms and conditions that are not federally enforceable and are not required under the Act or under any of its applicable requirements. Terms and conditions so designated are not subject to the requirements of Section 201-6.4 of Part 201.

Item 23.2:

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

Item 23.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Condition 24:

Emission Unit Definition

Effective between the dates of 12/23/1999 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 24.1:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: A-00001

Emission Unit Description:

TWO SEMI-AUTOMATIC (MANUAL FEED TO CONVEYOR) AND TWO 3/4 AUTOMATIC (AUTOMATIC FEED TO CONVEYOR) SCREEN PRINTING PRESSES ARE CONNECTED TO TWO FORCED HOT AIR CURING OVENS (INFRA RED HEATING ELEMENTS). ONE OR MORE PRINTING PRESSES MAY FEED PARTS THROUGH THESE LINES AT ANY GIVEN TIME. EACH CURING LINE HAS ONE EMISSION POINT.



New York State Department of Environmental Conservation

Permit ID: 1-4720-02389/00001

Facility DEC ID: 1472002389

PLEASE NOTE THAT THREE EXEMPT MANUAL SCREEN
PRINTING PRESSES ALSO UTILIZE THESE CURING
OVENS.

Building(s): 01

Condition 25: Contaminant List
Effective between the dates of 12/23/1999 and Permit Expiration Date

Applicable St6NYCRR 201-5.3(b)

Item 25.1:

Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 0NY998-00-0

Name: VOC

Condition 26: Air pollution prohibited
Effective between the dates of 12/23/1999 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 211.2

Item 26.1:

No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

Condition 27: Diesel truck opacity limitation
Effective between the dates of 12/23/1999 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 217-3.2(a)

Item 27.1:

No person who owns, operates or leases a vehicle propelled by a diesel engine or who owns, leases or occupies land and has actual or apparent dominion or control over the operation of a vehicle propelled by a diesel engine which is present on said land, shall operate said vehicle or allow or permit it to be operated, in such a manner that exhaust emissions of a shade of blue, black, or gray equal to or greater than No. 1 on the Ringelmann chart (20 percent opacity) or equivalent standard acceptable to the commissioner are produced for a continuous period of more than five seconds when the vehicle is in motion.

Condition 28: Idling of diesel trucks limited
Effective between the dates of 12/23/1999 and Permit Expiration Date

New York State Department of Environmental Conservation

Permit ID: 1-4720-02389/00001

Facility DEC ID: 1472002389



Applicable St6NYCRR 217-3.2(b)

Item 28.1:

No person who owns, operates or leases a bus or truck, the motive power for which is provided by a diesel engine or who owns, leases or occupies land and has the actual or apparent dominion or control over the operation of a bus or truck present on such land, the motive power for which said bus or truck is provided by a diesel engine, shall allow or permit the diesel engine of such bus or truck to idle for more than five consecutive minutes when the bus or truck is not in motion, except as otherwise permitted by 6 NYCRR Subpart 217-3.3.

****** Emission Unit Level ******

Condition 29: Emission Point Definition By Emission Unit
Effective between the dates of 12/23/1999 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 29.1:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: A-00001

Emission Point: 00001
Height (ft): 19 Diameter (in.): 12
NYTMN (km.): 4504.323 NYTME (km.): 634.133 Building: 01

Emission Point: 00002
Height (ft.): 19 Diameter (in.): 12
NYTMN (km.): 4504.323 NYTME (km.): 634.133 Building: 01

Condition 30: Process Definition By Emission Unit
Effective between the dates of 12/23/1999 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 30.1:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: A-00001
Process: 001 Source Classification Code: 4-05-008-01
Process Description:

SCREEN PRINTING INKS ARE APPLIED AND CURED WITH FORCED HOT AIR OVENS TO PRODUCE CONDUCTIVE CIRCUITRY. UV CURABLE COATINGS, CONDUCTIVE AND SPECIALTY LOW VOLUME INKS ARE UTILIZED.

New York State Department of Environmental Conservation
Permit ID: 1-4720-02389/00001 Facility DEC ID: 1472002389



Emission Source/Control: 00001 - Process

Emission S00002 - Process

Emission Source/Control: 00003 - Process

Emission Source/Control: 00004 - Process

Emission S00005 - Process

Emission Source/Control: 00006 - Process