

New York State Department of Environmental Conservation
Facility DEC ID: 9140200574



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 9-1402-00574/00025
Effective Date: 01/08/2007 Expiration Date: No expiration date

Permit Issued To: FLEXO TRANSPARENT INC
28 WASSON STREET
BUFFALO, NY 14210-1547

Contact: RONALD D MABRY
FLEXOTRANSPARENT INC
28 WASSON ST
BUFFALO, NY 14240
(716) 825-7710

Facility: FLEXO-TRANSPARENT INC
28 WASSON STREET
BUFFALO, NY 14210

Contact: RONALD D MABRY
FLEXOTRANSPARENT INC
28 WASSON ST
BUFFALO, NY 14240
(716) 825-7710

Description:

Flexo Transparent, Inc. (Flexo) is a commercial flexographic printing facility which specializes in the printing of flexible packaging products for the personal care, medical, food, consumer products and produce industries. Operations at this facility include flexographic printing and converting, laminating, slitting, rewinding, and heat sealing of plastic film.

Flexo was issued an Air State Facility (ASF) Permit on February 11, 2000. This newly issued, additional ASF Permit allows the construction and operation of a new emission unit, 2-PRINT, in a building expansion. 2-PRINT includes a new 10-color flexographic printing press identified as emission source/control F&K 10 and a dedicated regenerative thermal oxidation (RTO) control device which is designated emission source/control 00RTO. Flexo must submit an application for a Title V permit per 6NYCRR Part 201-6.3(a)(3) which will incorporate the requirements of their two ASF permits within one year of commencement of operation of emission unit 2-PRINT.

This project is subject to 6NYCRR Subpart 231-2 New Source Review. This ASF permit imposes a volatile organic compounds (VOC) emission cap of less than 50 tons per year on the new emission unit, 2-PRINT. Flexo is required to calculate their actual VOC emissions monthly and to track their annual emissions on a 12-month rolling total basis. Flexo must submit to the Department an annual emission cap



New York State Department of Environmental Conservation
Facility DEC ID: 9140200574

report each calendar year.

Flexo is required by this permit under 6NYCRR Part 234.3 to verify the overall VOC removal efficiency via performance testing for destruction efficiency of the RTO and permanent total enclosure of the press room. The stack test must be completed within 180 days of permit issuance. Flexo is also required to continuously monitor the temperature of the oxidizer's combustion chamber and annually complete a third-party inspection of the RTO.

Flexo is required by this permit under 6NYCRR Part 201-1.4 to develop and submit to the Department a written startup, shutdown, and malfunction plan that describes procedures for operating and maintaining the emission source and control equipment during periods of startup, shutdown, and malfunction to ensure that emissions are minimized.

Flexo is also subject to 40CFR63, Subpart KK Printing and Publishing as an area source. An Initial Notification must be filed per this rule with the USEPA. They must also verify that the facility's emissions of Hazardous Air Pollutants (HAPs) are less than 25 tons per year for total HAPs and less than 10 tons per year for any individual HAP. Flexo is required to calculate their actual HAP emissions monthly and track their annual HAP emissions on a 12-month rolling total basis. Flexo must submit to the Department an annual HAP emission report each calendar year.

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: DAVID S DENK
 DIVISION OF ENVIRONMENTAL PERMITS
 270 MICHIGAN AVE
 BUFFALO, NY 14203-2999

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, modifications and transfers
Applications for Permit Renewals and Modifications
Permit modifications, suspensions or revocations by the Department
Permit Modifications, Suspensions and Revocations by the Department

Facility Level

Submission of Applications for Permit Modification or Renewal -REGION 9
HEADQUARTERS
Submission of application for permit modification or renewal-REGION 9
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, modifications and transfers
Applicable State Requirement: 6NYCRR 621.11

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.

Item 3.3:

Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to



New York State Department of Environmental Conservation
Facility DEC ID: 9140200574

actual transfer of ownership.

Condition 4: Applications for Permit Renewals and Modifications
Applicable State Requirement: 6NYCRR 621.13

Item 4.1:

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 4.2:

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.

Item 4.3:

Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

Condition 5: Permit modifications, suspensions or revocations by the Department
Applicable State Requirement: 6NYCRR 621.13

Item 5.1:

The Department reserves the right to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

- a) materially false or inaccurate statements in the permit application or supporting papers;
- b) failure by the permittee to comply with any terms or conditions of the permit;
- c) exceeding the scope of the project as described in the permit application;
- d) newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;
- e) noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

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

Item 6.1:

The Department reserves the right to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

- a) materially false or inaccurate statements in the permit application or supporting papers;
- b) failure by the permittee to comply with any terms or conditions of the permit;
- c) exceeding the scope of the project as described in the permit application;
- d) newly discovered material information or a material change in environmental conditions,

New York State Department of Environmental Conservation
Facility DEC ID: 9140200574



relevant technology or applicable law or regulations since the issuance of the existing permit;
e) noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

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

Condition 7: Submission of Applications for Permit Modification or Renewal -REGION 9 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.5(a)

Item 7.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 9 Headquarters
Division of Environmental Permits
270 Michigan Avenue
Buffalo, NY 14203-2999
(716) 851-7165

Condition 8: Submission of application for permit modification or renewal-REGION 9 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.6(a)

Item 8.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 9 Headquarters
Division of Environmental Permits
270 Michigan Avenue
Buffalo, NY 14203-2999
(716) 851-7165



New York State Department of Environmental Conservation

Permit ID: 9-1402-00574/00025

Facility DEC ID: 9140200574

Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

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BUFFALO, NY 14210-1547

Facility: FLEXO-TRANSPARENT INC
28 WASSON STREET
BUFFALO, NY 14210

Authorized Activity By Standard Industrial Classification Code:
2751 - COMMERCIAL PRINTING LETTERPRESS(1977)

Permit Effective Date: 01/08/2007

Permit Expiration Date: No expiration date.



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6NYCRR 201-1.4(d): Compliance Demonstration
- 2 6NYCRR 201-7.1: Facility Permissible Emissions
- 3 40CFR 63.820(a)(2), Subpart KK: Compliance Demonstration
- 4 40CFR 63.829(d), Subpart KK: Compliance Demonstration
- 5 40CFR 63.830(b)(1), Subpart KK: Compliance Demonstration

Emission Unit Level

EU=2-PRINT

- *6 6NYCRR 201-7.1: Capping Monitoring Condition
- 7 6NYCRR 234.3(a)(3)(iii): Compliance Demonstration
- 8 6NYCRR 234.4(a)(2): Compliance Demonstration
- 9 6NYCRR 234.4(b)(3): Compliance Demonstration
- 10 6NYCRR 234.4(c)(2): Compliance Demonstration
- 11 6NYCRR 234.6: Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 12 ECL 19-0301: Contaminant List
- 13 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 14 6NYCRR 201-5: Emission Unit Definition
- 15 6NYCRR 201-6.3(a)(3): Title V Permits
- 16 6NYCRR 211.2: Air pollution prohibited

Emission Unit Level

- 17 6NYCRR 201-5: Emission Point Definition By Emission Unit
- 18 6NYCRR 201-5: Process Definition By Emission Unit

NOTE: * preceding the condition number indicates capping.



FEDERALLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Sealing - 6NYCRR Part 200.5

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 labeling 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.

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.

Unless authorized by the Commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section.

Item B: Acceptable Ambient Air Quality - 6NYCRR Part 200.6

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.

Item C: Maintenance of Equipment - 6NYCRR Part 200.7

Any person who owns or operates an air contamination

New York State Department of Environmental Conservation

Permit ID: 9-1402-00574/00025

Facility DEC ID: 9140200574



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.

Item D: Unpermitted Emission Sources - 6NYCRR Part 201-1.2

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.

Item E: Emergency Defense - 6NYCRR Part 201-1.5

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;

(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



New York State Department of Environmental Conservation

Permit ID: 9-1402-00574/00025

Facility DEC ID: 9140200574

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.

Item F: Recycling and Salvage - 6NYCRR Part 201-1.7

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.

Item G: Prohibition of Reintroduction of Collected Contaminants to the Air - 6NYCRR Part 201-1.8

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.

Item H: Proof of Eligibility for Sources Defined as Exempt Activities - 6 NYCRR Part 201-3.2(a)

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.

Item I: Proof of Eligibility for Sources Defined as Trivial Activities - 6 NYCRR Part 201-3.3(a)

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



New York State Department of Environmental Conservation

Permit ID: 9-1402-00574/00025

Facility DEC ID: 9140200574

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.

Item J: Required Emission Tests - 6 NYCRR Part 202-1.1

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.

Item K: Visible Emissions Limited - 6 NYCRR Part 211.3

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.

Item L: Open Fires - 6 NYCRR Part 215

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.

Item M: Permit Exclusion - ECL 19-0305

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not



New York State Department of Environmental Conservation

Permit ID: 9-1402-00574/00025

Facility DEC ID: 9140200574

limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

Item N: Federally Enforceable Requirements - 40 CFR 70.6(b)

All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

FEDERAL APPLICABLE REQUIREMENTS

The following conditions are federally enforceable.

Condition 1: Compliance Demonstration
Effective between the dates of 01/08/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-1.4(d)

Item 1.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 1.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Flexo-Transparent Inc. must develop a written startup, shutdown, and malfunction plan (SSM Plan) that describes, in detail, procedures for operating and maintaining the source during periods of startup, shutdown, and malfunction; and a program of corrective action for malfunctioning process, air pollution control, and monitoring equipment used to comply with the relevant standard.



The procedures of the SSM Plan will provide sufficient information to demonstrate the following:

1. The excess emissions were caused by a sudden, unavoidable breakdown of technology, beyond the control of the owner or operator;
2. The excess emissions : (a) did not stem from any activity or event that could have been foreseen and avoided, and (b) could not have been avoided by better operation and maintenance practices;
3. Repairs were made in an expeditious fashion when the operator knew or should have known that applicable emission limitations were being exceeded. Off-shift labor and overtime must have been utilized, to the extent practicable, to ensure that such repairs were made as expeditiously as practicable;
4. The amount and duration of the excess emissions (including any bypass) were minimized to the maximum extent practicable during periods of such emissions;
5. All possible steps were taken to minimize the impact of the excess emissions on ambient air quality;
6. The owner or operator's actions in response to the excess emissions were properly documented;
7. The excess emissions were not part of a recurring pattern indicative of inadequate design, operation, or maintenance; and
8. The owner or operator properly and promptly notified the appropriate regulatory authority.

In addition to maintaining records to prove the above criteria, FlexoTransparent will also maintain records of estimated VOC emissions caused during a malfunction. Most importantly, FlexoTransparent must add the unavoidable, excess emissions to the monthly emission records to demonstrate compliance with the rolling 12-month 49 tpy VOC emission limit.

The purpose of the SSM Plan is to:

- (A) Ensure that, at all times, the owner or operator operates and maintains each affected source, including associated air pollution control and monitoring equipment, in a manner which satisfies the general duty to minimize emissions; and
- (B) Ensure that owners or operators are prepared to correct malfunctions as soon as practicable after their occurrence in order to minimize excess emissions of



New York State Department of Environmental Conservation

Permit ID: 9-1402-00574/00025

Facility DEC ID: 9140200574

hazardous air pollutants; and

This plan shall be submitted to the Regional Air Pollution Control Engineer (RAPCE) within 60 days of permit issuance.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 2: Facility Permissible Emissions
Effective between the dates of 01/08/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7.1

Item 2.1:

The sum of emissions from the emission units specified in this permit shall not equal or exceed the following Potential To Emit (PTE) rate for each regulated contaminant:

CAS No: 0NY998-00-0

PTE: 98,000 pounds per year

Name: VOC

Condition 3: Compliance Demonstration
Effective between the dates of 01/08/2007 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 63.820(a)(2), Subpart KK

Item 3.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 3.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each new or existing facility at which publication rotogravure, product or packaging rotogravure, or wide web flexographic printing presses are operated for which the owner or operator chooses to commit to, and meets, the criteria of paragraphs §63.820 (a)(2)(i) and (ii) for purposes of establishing the facility to be an area source with respect to this subpart:



New York State Department of Environmental Conservation

Permit ID: 9-1402-00574/00025

Facility DEC ID: 9140200574

(i) Use less than 10 tons per each rolling 12-month period of each HAP at the facility, including materials used for source categories or purposes other than printing and publishing, and

(ii) Use less than 25 tons per each rolling 12-month period of any combination of HAPs at the facility, including materials used for source categories or purposes other than printing and publishing.

Facilities meeting the above description are required to meet the provisions of recordkeeping and reporting as described in §63.829(d) and §63.830(b)(1).

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2008.
Subsequent reports are due every 12 calendar month(s).

Condition 4: Compliance Demonstration
Effective between the dates of 01/08/2007 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 63.829(d), Subpart KK

Item 4.1:
The Compliance Demonstration activity will be performed for the Facility.

Item 4.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The owner or operator of each facility which commits to the criteria of 40CFR63.820(a)(2) for the purpose of capping his or her facility out of 40CFR63 Subpart KK shall maintain records of all required measurements and calculations needed to demonstrate compliance with these criteria.

These records shall be kept on a monthly basis, and shall include the mass of all HAP-containing materials used during the month, and the mass fraction of HAP present in each HAP-containing material used.

Monitoring Frequency: MONTHLY



New York State Department of Environmental Conservation

Permit ID: 9-1402-00574/00025

Facility DEC ID: 9140200574

Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2008.
Subsequent reports are due every 12 calendar month(s).

Condition 5: Compliance Demonstration
Effective between the dates of 01/08/2007 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 63.830(b)(1), Subpart KK

Item 5.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 5.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each owner or operator of an affected source subject to this subpart shall submit the reports specified below to the Administrator:

(1) An initial notification required in Sec. 63.9(b).

(i) Initial notifications for existing sources shall be submitted no later than one year before the compliance date specified in Sec. 63.826(a).

(ii) Initial notifications for new and reconstructed sources shall be submitted as required by Sec. 63.9(b).

(iii) For the purpose of this subpart, a Title V or part 70 permit application may be used in lieu of the initial notification required under Sec. 63.9(b), provided the same information is contained in the permit application as required by Sec. 63.9(b), and the State to which the permit application has been submitted has an approved operating permit program under part 70 of this chapter and has received delegation of authority from the EPA.

(iv) Permit applications shall be submitted by the same due dates as those specified for the initial notifications.

New York State Department of Environmental Conservation

Permit ID: 9-1402-00574/00025

Facility DEC ID: 9140200574



Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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

Condition 6: Capping Monitoring Condition

Effective between the dates of 01/08/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7.1

Item 6.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 231-2

Item 6.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 6.3:

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.

Item 6.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 6.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 6.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-PRINT

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

New York State Department of Environmental Conservation

Permit ID: 9-1402-00574/00025

Facility DEC ID: 9140200574



Item 6.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Flexo Transparent Inc. (Flexo) intends to modify their existing facility by physically expanding their press room and installing one new press, 0FK10, and a regenerative thermal oxidizer, 00RTO, within a new emission unit labeled 2-PRINT. The facility will utilize a permanent total enclosure capture system within the press room, achieving 100% capture efficiency. The facility will limit potential VOC emissions from the new emission unit 2-PRINT to less than 49 tpy for purposes of capping out of the source project requirements of 6NYCRR Part 231-2.

The actual VOC emissions shall be calculated based on the usage of ink, varnish, adhesive, solvent, and other VOC containing products; the VOC content of the products; and the destruction efficiency of the oxidizer as determined by actual source testing (or the manufacturer guaranteed value of 95% until the performance testing required in Permit Condition #8 can be completed). The general accuracy of the emission calculations shall be verified by maintaining pertinent records including, but not limited to: purchase and/or production records, VOC content of products, and hours of operation. All records with corresponding emission calculations shall be kept on-site for a minimum of five years. This information shall be made available to the Department on request.

Flexo will not exceed an emission rate of 49 tons of VOCs per 12 month period for emission unit 2-PRINT. Compliance will be determined by summing the individual monthly emissions during any consecutive 12 month period using the following formula:

$$\text{VOC}(2\text{-PRINT}) = [\text{VOC}(0\text{FK}10) \times (1\text{-DE})] + \text{VOC}(\text{down time}) + \text{VOC}(\text{fugitive})$$

where,

$\text{VOC}(0\text{FK}10)$ = VOC emissions generated by Press F&K10, designated emission source 0FK10.

New York State Department of Environmental Conservation

Permit ID: 9-1402-00574/00025

Facility DEC ID: 9140200574



DE = destruction efficiency of oxidizer system (designated emission source/control device 00RTO) as measured during performance testing, or the manufacturer guaranteed value of 95% until the performance testing required in Permit Condition #8 can be completed.

VOC(down time) = unoxidized VOC emissions released to the environment during oxidizer down times.

VOC(fugitive) = estimated VOC losses that are released to the environment through the facility's ventilation system.

The facility shall submit to the Department an annual emission cap report for the previous calendar year by January 30th of each year. The report must include the monthly VOC emissions and total VOC emissions for each rolling 12-month period throughout the calendar year.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: COATING
Parameter Monitored: VOC
Upper Permit Limit: 49 tons per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2008.
Subsequent reports are due every 12 calendar month(s).

Condition 7: Compliance Demonstration
Effective between the dates of 01/08/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 234.3(a)(3)(iii)

Item 7.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-PRINT

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

Item 7.2:

Compliance Demonstration shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 9-1402-00574/00025

Facility DEC ID: 9140200574



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Flexo-Transparent Inc. (Flexo) is required to properly maintain and operate the regenerative thermal oxidizer (RTO), designated emission source/control 00RTO, to ensure the destruction efficiency of the unit is maintained. This shall be accomplished by completing the regularly scheduled maintenance activities as specified in the manufacturer's maintenance manual. The maintenance activities shall be documented in the maintenance file through the use of purchase orders and other similar work agreements. These records will be kept on-site for a minimum of five years and be made available for review upon request by the Department.

Flexo is also required to have a complete inspection of the RTO performed by a third-party on a calendar year basis starting in 2007. An inspection report must be submitted within 45 days of the inspection to the Regional Air Pollution Control Engineer.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 45 days after the reporting period.

The initial report is due 2/14/2008.

Subsequent reports are due every 12 calendar month(s).

Condition 8: Compliance Demonstration
Effective between the dates of 01/08/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 234.4(a)(2)

Item 8.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-PRINT

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 8.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Flexo-Transparent Inc. must assure compliance with the



New York State Department of Environmental Conservation

Permit ID: 9-1402-00574/00025

Facility DEC ID: 9140200574

minimum overall VOC removal efficiency rate of 60% for the capture and control devices. The overall VOC removal efficiency consists of two components and is calculated as the product of the capture efficiency of the gas collection system and the destruction efficiency of the control equipment.

The overall VOC removal efficiency must be verified no later than 180 days after the date of permit issuance via performance testing for destruction efficiency and permanent total enclosure (PTE). The performance test determining the destruction efficiency of the oxidizer must be performed, in accordance with 40CFR60, Appendix A, Method 18, 25 or 25A. This test shall be repeated at least once every five years, based on the date of the previous test. The capture efficiency will be determined by testing the PTE system of the press room in accordance with 40CFR60, Appendix A, Method 204. The PTE testing need only be repeated if physical changes to the press room occur.

Test protocol(s) shall be submitted to the Regional Air Pollution Control Engineer (RAPCE) at least 60 days prior to the proposed test date(s). Department staff will be afforded the opportunity to witness the performance test by notifying the RAPCE of the actual test date at least 30 days prior to the test date. A test report shall be submitted to the RAPCE within 60 days of test completion.

Continuous compliance with the 60% overall removal efficiency will be assured by: (1) maintaining permanent total enclosure in the press room at all times during press operation, (2) maintaining the destruction efficiency of the RTO by performing all manufacturer recommended maintenance, and (3) assuring proper operation of the RTO at all times during press operation.

Lower Permit Limit: 60 percent reduction by weight
Reference Test Method: EPA Method 18, 25, 25A, 204
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 9: Compliance Demonstration
Effective between the dates of 01/08/2007 and Permit Expiration Date

New York State Department of Environmental Conservation

Permit ID: 9-1402-00574/00025

Facility DEC ID: 9140200574



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

Item 9.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-PRINT

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 9.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Purchase, usage and/or production records of inks, volatile organic compounds (VOC) and solvents must be maintained in a format acceptable to the department'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 department's representative in a format acceptable to the Department. Records must be maintained at the facility for 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 yearly basis:

1. The brand and product name or code for the material.
2. The quantity of material used during the calendar year.
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 yearly log are to be kept on site.

Upon written request from the Department, Flexo-Transparent Inc. shall report or make available monthly recordkeeping to demonstrate compliance.

Monitoring Frequency: ANNUALLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

New York State Department of Environmental Conservation

Permit ID: 9-1402-00574/00025

Facility DEC ID: 9140200574



Condition 10: Compliance Demonstration

Effective between the dates of 01/08/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 234.4(c)(2)

Item 10.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-PRINT

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 10.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Flexo-Transparent Inc. (Flexo) will assure that all VOC-laden gas streams from press 0FK10, when operating, will be routed to a properly operating oxidizer.

Flexo will continuously monitor the temperature of the oxidizer's combustion chamber. The temperature will be maintained at or above the temperature at which the RTO performance test required by Permit Condition #8 was conducted (or the minimum manufacturer recommended operating temperature of 1400 degrees F prior to completion of the performance testing).

Continuous monitors to measure the temperature of the oxidizer's combustion chamber must be installed, periodically calibrated, and operated at all times the associated control equipment is operating. Operation and calibration procedures shall be performed in accordance with manufacturer specifications. Flexo shall maintain continuous recording charts of the combustion chamber temperatures. The continuous chart recordings and the calibration data shall be maintained on-site for a period of 5 years and be made available for review upon request by the Department.

Flexo shall also maintain a daily operating time log for the capture system, control device, monitoring equipment

New York State Department of Environmental Conservation

Permit ID: 9-1402-00574/00025

Facility DEC ID: 9140200574



and each affected printing line, and a maintenance log for the capture system, control device and monitoring equipment detailing all routine and non-routine maintenance performed including dates and duration of any outages. These logs shall be maintained on-site for a period of 5 years and be made available for review upon request by the Department.

Parameter Monitored: TEMPERATURE

Lower Permit Limit: 1400 degrees Fahrenheit

Monitoring Frequency: CONTINUOUS

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED
VALUE AT ANY TIME

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 11: Compliance Demonstration
Effective between the dates of 01/08/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 234.6

Item 11.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-PRINT

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 11.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



STATE ONLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Public Access to Recordkeeping for Facilities With State Facility Permits - 6NYCRR Part 201-1.10(a)

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 by the Department of receipt of the request.

Item B: General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5

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.

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.

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.

Condition 12: Contaminant List

Effective between the dates of 01/08/2007 and Permit Expiration Date

Applicable State Requirement: ECL 19-0301

Item 12.1:

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

CAS No: 0NY100-00-0

Name: HAP

CAS No: 0NY998-00-0

Name: VOC

Condition 13: Unavoidable noncompliance and violations

Effective between the dates of 01/08/2007 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-1.4

Item 13.1:

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 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 issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. 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



New York State Department of Environmental Conservation

Permit ID: 9-1402-00574/00025

Facility DEC ID: 9140200574

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. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

(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.

(e) In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets.

Condition 14: Emission Unit Definition

Effective between the dates of 01/08/2007 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 14.1:

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

Emission Unit: 2-PRINT

Emission Unit Description:

Flexographic printing press used for applying colored inks onto flexible packaging materials using press OFK10, which emissions routed for control to the regenerative thermal oxidizer, 00RTO.

Building(s): PRESS

Condition 15: Title V Permits

Effective between the dates of 01/08/2007 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-6.3(a)(3)

Item 15.1:

If a facility is modified, and the modification makes the facility subject to Title V permitting requirements,



New York State Department of Environmental Conservation

Permit ID: 9-1402-00574/00025

Facility DEC ID: 9140200574

a complete Title V application shall be submitted to the Department within one year of commencement of operation.

Condition 16: Air pollution prohibited
Effective between the dates of 01/08/2007 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 211.2

Item 16.1:

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.

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

Condition 17: Emission Point Definition By Emission Unit
Effective between the dates of 01/08/2007 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 17.1:

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

Emission Unit: 2-PRINT

Emission Point: 00007

Height (ft.): 26

Diameter (in.): 42

Building: PRESS

Condition 18: Process Definition By Emission Unit
Effective between the dates of 01/08/2007 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 18.1:

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

Emission Unit: 2-PRINT

Process: 01A

Process Description: Flexographic printing on 10-color press 0FK10.

Emission Source/Control: 00RTO - Control

New York State Department of Environmental Conservation
Permit ID: 9-1402-00574/00025 Facility DEC ID: 9140200574



Control Type: THERMAL OXIDATION

Emission Source/Control: 0FK10 - Process