



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

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
Permit ID: 2-6403-00107/00012  
Mod 0 Effective Date: 06/09/2006 Expiration Date: No expiration date.  
Mod 1 Effective Date: 01/02/2008 Expiration Date: No expiration date.  
Mod 2 Effective Date: 03/10/2009 Expiration Date: No expiration date.

Permit Issued To: VISY PAPER (NY) INC  
4435 VICTORY BLVD  
STATEN ISLAND, NY 10314

Contact: JAY HENNESSEY  
VISY PAPER (NY) INC  
4435 VICTORY BLVD  
STATEN ISLAND, NY 10314  
(718) 370-1114

Facility: VISY PAPER STATEN ISLAND PLANT  
4435 VICTORY BLVD  
STATEN ISLAND, NY 10314

Contact: MUNEER AHMAD  
VISY PAPER NY INC  
4435 VICTORY BLVD  
STATEN ISLAND, NY 10314  
(718) 370-1114

Description:  
Visy paper is a state-of-the-art waste paper recycling facility capable of recycling 365000 tons of 100% recycled waste paper per year. The facility consists of a paper machine that processes pulp into sheets of paper and includes the application of various dyes, one 248 mmbtu/hr boiler firing natural gas as the primary fuel and no. 2 fuel oil as back-up, one 500 HP natural gas fired boiler and three 14 mmbtu/hr natural gas fired space heaters. The facility also has a corrugating and printing operation which includes one corrugator and one flexographic printer. This modification is to correct condition 1-8 in Mod 1, where Method 9 was inadvertently entered as a daily requirement, and also to add 6NYCRR part 234 conditions for the previous mod.



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: JOHN F CRYAN  
NYSDEC  
47-40 21ST ST  
LONG ISLAND CITY, NY 11101-5407

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 compliance 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 any 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
- Permit modifications, suspensions or revocations by the Department

#### **Facility Level**

- Submission of application for permit modification or renewal-REGION 2 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 1-1: Applications for permit renewals, modifications and transfers**  
**Applicable State Requirement: 6NYCRR 621.11**

**Item 1-1.1:**

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 1-1.2:**

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 1-1.3:**

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 1-2: Permit modifications, suspensions or revocations by the Department**

**Applicable State Requirement: 6NYCRR 621.13**

**Item 1-2.1:**

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.

**\*\*\*\* Facility Level \*\*\*\***

**Condition 1-3: Submission of application for permit modification or renewal-REGION 2**

**HEADQUARTERS**

**Applicable State Requirement: 6NYCRR 621.6(a)**

**Item 1-3.1:**

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

NYSDEC Regional Permit Administrator  
Region 2 Headquarters  
Division of Environmental Permits  
1 Hunters Point Plaza, 4740 21st Street  
Long Island City, NY 11101-5407  
(718) 482-4997



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

**ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY  
PERMIT**

**IDENTIFICATION INFORMATION**

Permit Issued To: VISY PAPER (NY) INC  
4435 VICTORY BLVD  
STATEN ISLAND, NY 10314

Facility: VISY PAPER STATEN ISLAND PLANT  
4435 VICTORY BLVD  
STATEN ISLAND, NY 10314

Authorized Activity By Standard Industrial Classification Code:  
2631 - PAPERBOARD MILLS

Mod 0 Permit Effective Date: 06/09/2006  
date.

Permit Expiration Date: No expiration

Mod 1 Permit Effective Date: 01/02/2008  
date.

Permit Expiration Date: No expiration

Mod 2 Permit Effective Date: 03/10/2009  
date.

Permit Expiration Date: No expiration



## 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  
Permit modifications, suspensions or revocations by the Department

#### Facility Level

Submission of application for permit modification or renewal-REGION 2 HEADQUARTERS

### FEDERALLY ENFORCEABLE CONDITIONS

#### Facility Level

- 1 6NYCRR 201-7: Facility Permissible Emissions
- \*1-1 6NYCRR 201-7: Capping Monitoring Condition
- \*2-1 6NYCRR 201-7: Capping Monitoring Condition
- \*1-2 6NYCRR 201-7: Capping Monitoring Condition
- \*1-3 6NYCRR 201-7: Capping Monitoring Condition
- 1-5 6NYCRR 202-1: Compliance Demonstration
- 6 6NYCRR 225.1(a)(3): Compliance Demonstration
- 7 6NYCRR 225.7(a): Compliance Demonstration
- 2-2 6NYCRR 234.4(b)(3): Compliance Demonstration
- 1-6 40CFR 60.48c(g), NSPS Subpart Dc: Compliance Demonstration

#### Emission Unit Level

#### EU=U-00001

- 8 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 9 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 10 40CFR 60.7(c), NSPS Subpart A: Compliance Demonstration
- 11 40CFR 60.7(d), NSPS Subpart A: Excess Emissions Report
- 12 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 13 40CFR 60.8(b), NSPS Subpart A: Performance test methods.
- 14 40CFR 60.44b(h), NSPS Subpart Db: Applicability of oxides of nitrogen standard.
- 15 40CFR 60.44b(i), NSPS Subpart Db: Averaging period.
- 16 40CFR 60.46b, NSPS Subpart Db: Compliance and performance methods for oxides of nitrogen and particulate matter.
- 17 40CFR 60.48b(e), NSPS Subpart Db: Continuous Monitoring Systems
- 18 40CFR 60.48b(f), NSPS Subpart Db: Compliance Demonstration
- 19 40CFR 60.49b(d), NSPS Subpart Db: Compliance Demonstration
- 20 40CFR 60.49b(g), NSPS Subpart Db: Compliance Demonstration
- 21 40CFR 60.49b(h), NSPS Subpart Db: Compliance Demonstration
- 22 40CFR 60.49b(o), NSPS Subpart Db: Records Retention

#### EU=U-00001,Proc=001,ES=00001

- 23 40CFR 60.44b(a)(1), NSPS Subpart Db: Compliance Demonstration

#### EU=U-00001,Proc=002

- 24 6NYCRR 227.2(b)(1): Compliance Demonstration



- 25 40CFR 60.43b(f), NSPS Subpart Db: Compliance Demonstration
- 26 40CFR 60.49b(r), NSPS Subpart Db: Compliance Demonstration

**EU=U-00001,Proc=002,ES=00001**

- 27 40CFR 60.44b(a)(1), NSPS Subpart Db: Compliance Demonstration

**EU=U-00001,EP=00001**

- 28 40CFR 60.13(d), NSPS Subpart A: Compliance Demonstration

**EU=U-00001,EP=00001,Proc=001,ES=00001**

- 29 6NYCRR 227-1.3(a): Compliance Demonstration

**EU=U-00001,EP=00001,Proc=002,ES=00001**

- 30 6NYCRR 227-1.3(a): Compliance Demonstration

**EU=U-00004,EP=00004,Proc=004,ES=00004**

- 31 6NYCRR 212.6(a): Compliance Demonstration

**EU=U-00007,EP=0007A,Proc=007**

- 32 6NYCRR 227-1.3(a): Compliance Demonstration

**EU=U-00007,EP=0007B,Proc=007**

- 33 6NYCRR 227-1.3(a): Compliance Demonstration

**EU=U-00007,EP=0007C,Proc=007**

- 34 6NYCRR 227-1.3(a): Compliance Demonstration

**EU=U-00010**

- 1-7 40CFR 60.48c(a), NSPS Subpart Dc: Compliance Demonstration

**EU=U-00010,EP=00010,Proc=GAS,ES=OOBLR**

- 2-3 6NYCRR 227-1.3: Compliance Demonstration

**EU=U-OOCOR,Proc=FLE,ES=FLEXO**

- 2-4 6NYCRR 234.3(a)(1): Compliance Demonstration
- 2-5 6NYCRR 234.3(e): Compliance Demonstration
- 2-6 6NYCRR 234.6: Compliance Demonstration

**EU=U-OOCOR,EP=OOCOR**

- 1-9 6NYCRR 212.6(a): Compliance Demonstration

**EU=U-OOCOR,EP=OSILO**

- 1-10 6NYCRR 212.6(a): Compliance Demonstration

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 35 ECL 19-0301: Contaminant List
- 36 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 37 6NYCRR 201-5: Emission Unit Definition
- 38 6NYCRR 211.2: Air pollution prohibited



**Emission Unit Level**

39 6NYCRR 201-5: Emission Point Definition By Emission Unit

40 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 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 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 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 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: Facility Permissible Emissions**  
**Effective between the dates of 06/09/2006 and Permit Expiration Date**

**Applicable Federal Requirement:6NYCRR 201-7**

**Item 1.1:**

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:

per year CAS No: 0NY210-00-0 (From Mod 2) PTE: 45,000 pounds

Name: OXIDES OF NITROGEN

per year CAS No: 0NY998-00-0 (From Mod 2) PTE: 45,000 pounds

Name: VOC

**Condition 1-1: Capping Monitoring Condition**  
**Effective between the dates of 01/02/2008 and Permit Expiration Date**

**Applicable Federal Requirement:6NYCRR 201-7**

**Item 1-1.1:**

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 201-6

**Item 1-1.2:**

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

**Item 1-1.3:**

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 1-1.4:**

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 1-1.5:**

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 1-1.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):  
CAS No: ONY100-00-0 HAP

**Item 1-1.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility wide emissions of any single hazardous air pollutant is limited to 9 tons per year for any consecutive 12 month period. Facility shall track HAP content in ink/dye and glue usage and formulations and calculate total annual facility wide single HAP emissions on a monthly basis. Records to verify the emissions shall be maintained at the facility.

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 1/30/2009.

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

**Condition 2-1: Capping Monitoring Condition**  
**Effective between the dates of 03/10/2009 and Permit Expiration Date**

**Applicable Federal Requirement:6NYCRR 201-7**

**Item 2-1.1:**

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 201-6

**Item 2-1.2:**

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

**Item 2-1.3:**

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 2-1.4:**

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 2-1.5:**

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 2-1.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 2-1.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The total annual facility wide VOC emissions is limited to 22.5 tons for any consecutive 12-month period.

For paper machine process equipment, corrugator machine, and flexographic printer, VOC emissions shall be determined by tracking dye, ink, solvent and glue usage and formulations and summing monthly usage on a 12-month rolling average.

VOC emissions for the Nebraska boiler and Cleaver Brooks boiler shall be calculated using emissions factors from the manufacturers (Nebraska boiler: 0.004 lb/mmbtu/hr for natural gas and 0.005 lbs/mmbtu for distillate oil ; Cleaver Brooks: 0.002 lbs/mmbtu for natural gas) and for the for space heaters AP-42 emission factor (5.5 lbs/mmcf.) shall be used. Records to verify emissions from each emission unit must be maintained at the facility which shall include boiler fuel use and hours of operation.

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 1/30/2010.  
Subsequent reports are due every 12 calendar month(s).

**Condition 1-2: Capping Monitoring Condition**  
**Effective between the dates of 01/02/2008 and Permit Expiration Date**

**Applicable Federal Requirement:6NYCRR 201-7**

**Item 1-2.1:**

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 201-6

**Item 1-2.2:**

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

**Item 1-2.3:**

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 1-2.4:**

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 1-2.5:**

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 1-2.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY210-00-0 OXIDES OF NITROGEN

**Item 1-2.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:



The total facility-wide emissions of NO<sub>x</sub> shall be limited to 22.5 tons per year for any consecutive 12-month period.

Emissions shall be calculated at the end of each month. For the Nebraska boiler NO<sub>x</sub> emissions shall be calculated by using CEMS data. The 30-day average rolling NO<sub>x</sub> emission factor from the CEMS equipment used to calculate the actual NO<sub>x</sub> emissions shall be included in the report to the Department. Emission factors 0.097 lbs/mmbtu for space heaters and 0.011 lbs/mmbtu for Cleaver Brook 500 hp boiler shall be used for NO<sub>x</sub> emissions calculation.

For hours in which valid data was not obtained, an estimate of emission shall be made by using either emission factors, statistical techniques, or engineering judgement that is approved by the Department. When NO<sub>x</sub> emission data are not obtained because of CEMS downtime, emission data shall be obtained by using the 90th percentile value of all CEMS NO<sub>x</sub> emission data collected over the last 180 days.

Records to verify compliance with the permit limit shall be maintained at the facility, which shall include operation hours, and quantity of fuel burned in each unit.

Facility shall report the monthly total 12 month rolling NO<sub>x</sub> emissions to the Department annually.

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 1/30/2009.  
Subsequent reports are due every 12 calendar month(s).

**Condition 1-3: Capping Monitoring Condition**  
**Effective between the dates of 01/02/2008 and Permit Expiration Date**

**Applicable Federal Requirement:6NYCRR 201-7**

**Item 1-3.1:**

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 201-6

**Item 1-3.2:**

Operation of this facility shall take place in accordance with the approved criteria, emission



limits, terms, conditions and standards in this permit.

**Item 1-3.3:**

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 1-3.4:**

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 1-3.5:**

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 1-3.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):  
CAS No: 0NY100-00-0 HAP

**Item 1-3.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility wide total annual HAP emissions shall be limited 22.5 tpy for any consecutive 12 -month period. Visy paper shall calculate HAP emissions from monthly usage of dyes, pigments and solvents and calculate the monthly and total 12 month rolling HAP emissions. Facility shall maintain records verifying the emissions calculations.

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 1/30/2009.

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

**Condition 1-5: Compliance Demonstration**  
**Effective between the dates of 01/02/2008 and Permit Expiration Date**

**Applicable Federal Requirement:6NYCRR 202-1**



**Item 1-5.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-00010

Process: GAS

Emission Source: OOBLR

Regulated Contaminant(s):

CAS No: 0NY210-00-0 OXIDES OF NITROGEN

**Item 1-5.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission factor 0.011 lbs/mmbtu when burning natural gas in Cleaver brook boiler (emission source OOBLR) shall be demonstrated through emission testing.

Upper Permit Limit: 0.011 pounds per million Btus

Reference Test Method: 40 CFR

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 6: Compliance Demonstration**

**Effective between the dates of 06/09/2006 and Permit Expiration Date**

**Applicable Federal Requirement:6NYCRR 225.1(a)(3)**

**Item 6.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 6.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

No person shall sell, offer for sale, purchase or use any distillate oil which has sulfur content greater than 0.20 percent by weight. A log of the sulfur content in oil per delivery must be maintained on site for a minimum of five years after the date of the last entry.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.20 percent by weight

Monitoring Frequency: PER DELIVERY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



**Condition 7: Compliance Demonstration**  
**Effective between the dates of 06/09/2006 and Permit Expiration Date**

**Applicable Federal Requirement:6NYCRR 225.7(a)**

**Item 7.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 7.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The permittee shall retain fuel oil supplier certifications for each shipment of oil received. Such certifications shall contain, as a minimum, supplier name, date of shipment, quantity shipped, heating value of the oil, oil sulfur content, and the method used to determine the sulfur content. Such certifications shall be available for inspection by, or submitted to, the NYSDEC as per the stated reporting requirement.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 2-2: Compliance Demonstration**  
**Effective between the dates of 03/10/2009 and Permit Expiration Date**

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

**Item 2-2.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-OOCOR

Process: FLE

Emission Source: FLEXO

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 2-2.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

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 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 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 1-6: Compliance Demonstration**  
**Effective between the dates of 01/02/2008 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 60.48c(g), NSPS Subpart Dc**

**Item 1-6.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 1-6.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an affected facility shall record and maintain records of the amounts of each fuel combusted during each day.

Monitoring Frequency: SEMI-ANNUALLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2008.

Subsequent reports are due every 6 calendar month(s).

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

**Condition 8: EPA Region 2 address.**  
**Effective between the dates of 06/09/2006 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 60.4, NSPS Subpart A**





Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Affected owners or operators shall submit an excess emissions report semi-annually based on the calendar year (or more frequently as required by the applicable Subpart or the Administrator), to the Administrator. These reports shall be postmarked no later than 30 calendar days following the end of the reporting period, and shall contain the following information:

- 1) the magnitude of excess emissions computed, any conversion factors used, the date and time of each occurrence, and the process operating time during the reporting period;
- 2) specific identification of each period of excess emissions that occur during startup, shutdown, or malfunction, where the nature, cause, and corrective action are provided for a malfunction;
- 3) the date and time identifying each period during which the continuous monitoring system was inoperative except for zero span checks and the nature of the system repairs or adjustments; and
- 4) when no excess emissions have occurred or when the continuous monitoring system(s) have not been inoperative, repaired, or adjusted, such information shall be provided in the report.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

Subsequent reports are due every 6 calendar month(s).

**Condition 11: Excess Emissions Report**  
**Effective between the dates of 06/09/2006 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 60.7(d), NSPS Subpart A**

**Item 11.1:**

This Condition applies to Emission Unit: U-00001

**Item 11.2:**

A summary report form, for each pollutant monitored, shall be sent to the Administrator in the form prescribed in Figure 1 of 40 CFR Part 60.7(d).

**Condition 12: Facility files for subject sources.**  
**Effective between the dates of 06/09/2006 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 60.7(f), NSPS Subpart A**



**Item 12.1:**

This Condition applies to Emission Unit: U-00001

**Item 12.2:**

The following files shall be maintained at the facility for all affected sources: all measurements, including continuous monitoring systems, monitoring device, and performance testing measurements; all continuous monitoring system evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by this part, recorded in permanent form suitable for inspection. The file shall be maintained for at least two years following the date of such measurements, reports, and records.

**Condition 13: Performance test methods.**

**Effective between the dates of 06/09/2006 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 60.8(b), NSPS Subpart A**

**Item 13.1:**

This Condition applies to Emission Unit: U-00001

**Item 13.2:**

Performance testing shall be conducted in accordance with the methods and procedures prescribed in this part or by alternative methods and procedures approved by the Administrator.

**Condition 14: Applicability of oxides of nitrogen standard.**

**Effective between the dates of 06/09/2006 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 60.44b(h), NSPS Subpart Db**

**Item 14.1:**

This Condition applies to Emission Unit: U-00001

**Item 14.2:**

The emissions standard for oxides of nitrogen shall apply at all times including periods of startup, shutdown, and malfunction.

**Condition 15: Averaging period.**

**Effective between the dates of 06/09/2006 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 60.44b(i), NSPS Subpart Db**

**Item 15.1:**

This Condition applies to Emission Unit: U-00001

**Item 15.2:**

Except as noted in paragraph (j) of this section, compliance with the emission limits shall be determined on a 30 day rolling average basis.



**Condition 16: Compliance and performance methods for oxides of nitrogen and particulate matter.**  
Effective between the dates of 06/09/2006 and Permit Expiration Date

**Applicable Federal Requirement:40CFR 60.46b, NSPS Subpart Db**

**Item 16.1:**

This Condition applies to Emission Unit: U-00001

**Item 16.2:**

Compliance with both the oxides of nitrogen and particulate matter standards shall be determined using the methods specified in section 40 CFR 60-Db.46b.

**Condition 17: Continuous Monitoring Systems**  
Effective between the dates of 06/09/2006 and Permit Expiration Date

**Applicable Federal Requirement:40CFR 60.48b(e), NSPS Subpart Db**

**Item 17.1:**

This Condition applies to Emission Unit: U-00001

**Item 17.2:**

The procedures under 40 CFR Part 60.13 shall be followed for installation, evaluation, and operation of the continuous monitoring systems.

**Condition 18: Compliance Demonstration**  
Effective between the dates of 06/09/2006 and Permit Expiration Date

**Applicable Federal Requirement:40CFR 60.48b(f), NSPS Subpart Db**

**Item 18.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

CAS No: 0NY210-00-0 OXIDES OF NITROGEN

**Item 18.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

When nitrogen oxides emission data are not obtained because of continuous monitoring system breakdowns, repairs, calibration checks and zero and span adjustments, emission data will be obtained by using standby monitoring systems, Method 7, Method 7A, or other approved reference methods to provide emission data for a minimum of 75 percent of the operating hours in each steam generating unit operating day, in at least 22 out of 30 successive



steam generating unit operating days.

When NOx emission data are not obtained because of CEMS downtime, emission data shall be obtained by using the 90th percentile value of all CEMS NOx emission data collected over the last 180 days.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

Subsequent reports are due every 6 calendar month(s).

**Condition 19: Compliance Demonstration**  
**Effective between the dates of 06/09/2006 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 60.49b(d), NSPS Subpart Db**

**Item 19.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

**Item 19.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall record and maintain records of the amounts of each fuel combusted during each day and calculate the annual capacity factor individually for distillate oil and natural gas for each calendar quarter. The annual capacity factor is determined on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month.

Monitoring Frequency: DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 20: Compliance Demonstration**  
**Effective between the dates of 06/09/2006 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 60.49b(g), NSPS Subpart Db**

**Item 20.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

CAS No: 0NY210-00-0 OXIDES OF NITROGEN



**Item 20.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall maintain records of the following information for each steam generating unit operating day:

- 1) Calendar date.
- 2) The average hourly nitrogen oxides emission rates (expressed as NO<sub>2</sub>) (ng/J or lb/million Btu heat input) measured or predicted.
- 3) The 30-day average nitrogen oxides emission rates (ng/J or lb/million Btu heat input) calculated at the end of each steam generating unit operating day from the measured or predicted hourly nitrogen oxide emission rates for the preceeding 30 steam generating unit operating days.
- 4) Identification of the steam generating unit operating days when the calculated 30-day average nitrogen oxides emission rates are in excess of the nitrogen oxides emission standards under 40CFR60.44b, with the reasons for such excess emissions as well as a description of corrective actions taken.
- 5) Identification of the steam generating unit operating days for which pollutant data have not been obtained, including reasons for not obtaining sufficient data and a description of corrective actions taken.
- 6) Identification of the times when emission data have been excluded from the calculation of average emission rates and the reasons for excluding data.
- 7) Identification of the "F" factor used for calculations, method of determination, and type of fuel combusted.
- 8) Identification of the times when the pollutant concentration exceeded the full span of the continuous monitoring system.
- 9) Description of any modifications to the continuous monitoring system that could affect the ability of the system to comply with Performance Specification 2 or 3.
- 10) Results of daily CEMS drift tests and quarterly accuracy assessments as required under 40CFR60 Appendix F, Procedure 1.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

Subsequent reports are due every 6 calendar month(s).

**Condition 21: Compliance Demonstration**



**Effective between the dates of 06/09/2006 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 60.49b(h), NSPS Subpart Db**

**Item 21.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

**Item 21.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall submit semiannual excess emission reports for opacity and/or, oxides of nitrogen, and/or sulfur dioxide any reporting period during which there are excess emissions from the affected facility. If there are no excess emissions during the reporting period, the owner or operator shall submit a report semiannually stating that no excess emissions occurred during that semiannual reporting period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

Subsequent reports are due every 6 calendar month(s).

**Condition 22: Records Retention**

**Effective between the dates of 06/09/2006 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 60.49b(o), NSPS Subpart Db**

**Item 22.1:**

This Condition applies to Emission Unit: U-00001

**Item 22.2:**

All records required under this section shall be maintained by the owner or operator of the affected facility for a period of 2 years following the date of such record.

**Condition 23: Compliance Demonstration**

**Effective between the dates of 06/09/2006 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 60.44b(a)(1), NSPS Subpart Db**

**Item 23.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: 001

Emission Source: 00001



Regulated Contaminant(s):

CAS No: 0NY210-00-0 OXIDES OF NITROGEN

**Item 23.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Oxides of nitrogen standard for industrial/commercial/institutional steam generating units.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.2 pounds per million Btus

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

Subsequent reports are due every 6 calendar month(s).

**Condition 24: Compliance Demonstration**

**Effective between the dates of 06/09/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 227.2(b)(1)**

**Item 24.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: 002

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 24.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The two hour average emission of particulates from this stationary combustion installation shall not exceed 0.10 pounds per million Btu of heat input.

Upon request the facility shall perform the following:

1) Submit to the Department an acceptable protocol for the testing of particulate emissions in a manner that will determine compliance with the limit cited in this condition.

2) Perform a stack test, based upon the approved test



protocol, to determine compliance with the particulate emission limit cited in this condition.

3) Submit an acceptable stack test report that outlines the results obtained from the testing done to meet the requirement of #2 above.

4) Facility shall keep records of all testing done at this stationary combustion installation for a period of 5 years.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.10 pounds per million Btus

Reference Test Method: EPA RM 5

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 25: Compliance Demonstration**  
**Effective between the dates of 06/09/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.43b(f), NSPS Subpart Db**

**Item 25.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: 002

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 25.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The owner or operator shall not cause to be discharged into the atmosphere any gases that exhibit greater than 20 percent opacity (6 minute average), except for one 6-minute period per hour of not more than 27 percent opacity.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: CONTINUOUS

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

Subsequent reports are due every 6 calendar month(s).



**Condition 26: Compliance Demonstration**  
**Effective between the dates of 06/09/2006 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 60.49b(r), NSPS Subpart Db**

**Item 26.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: 002

Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

**Item 26.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator who elects to demonstrate that the affected facility combusts only very low sulfur oil shall obtain and maintain at the facility fuel receipts from the fuel supplier which certify that the the oil meets the definition of distillate oil as defined 40CFR60.41b. For the purposes of this requirement, the oil need not meet the fuel nitrogen content specification in the definition of distillate oil. Semiannual reports shall be submitted to the Administrator certifying that only very low sulfur oil was combusted in the affected facility during the preceding semiannual period.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

Subsequent reports are due every 6 calendar month(s).

**Condition 27: Compliance Demonstration**  
**Effective between the dates of 06/09/2006 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 60.44b(a)(1), NSPS Subpart Db**

**Item 27.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: 002

Emission Source: 00001

Regulated Contaminant(s):

CAS No: 0NY210-00-0      OXIDES OF NITROGEN

**Item 27.2:**



Compliance Demonstration shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Oxides of nitrogen standard for industrial/commercial/institutional stream generating units.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.2 pounds per million Btus

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

Subsequent reports are due every 6 calendar month(s).

**Condition 28: Compliance Demonstration**  
**Effective between the dates of 06/09/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.13(d), NSPS Subpart A**

**Item 28.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

**Item 28.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

1) Owners and operators of a CEMS installed in accordance with the provisions of this part, must automatically check the zero (or low level value between 0 and 20 percent of span value) and span (50 to 100 percent of span value) calibration drifts at least once daily in accordance with a written procedure. The zero and span must, as a minimum, be adjusted whenever either the 24-hour zero drift or the 24-hour span drift exceeds two times the limit of the applicable performance specification in appendix B of this part. The system must allow the amount of the excess zero and span drift to be recorded and quantified whenever specified. Owners and operators of a COMS installed in accordance with the provisions of this part, must automatically, intrinsic to the opacity monitor, check the zero and upscale (span) calibration drifts at least once daily. For a particular COMS, the acceptable range of zero and upscale calibration materials is as defined in the applicable version of PS<sub>6</sub>1 in appendix B of this part. For a COMS, the optical surfaces, exposed to the effluent gases, must be cleaned before performing the zero and upscale drift adjustments, except for systems using



automatic zero adjustments. The optical surfaces must be cleaned when the cumulative automatic zero compensation exceeds 4 percent opacity.

(2) Unless otherwise approved by the Administrator, the following procedures must be followed for a COMS. Minimum procedures must include an automated method for producing a simulated zero opacity condition and an upscale opacity condition using a certified neutral density filter or other related technique to produce a known obstruction of the light beam. Such procedures must provide a system check of all active analyzer internal optics with power or curvature, all active electronic circuitry including the light source and photodetector assembly, and electronic or electro-mechanical systems and hardware and or software used during normal measurement operation.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 29: Compliance Demonstration**  
**Effective between the dates of 06/09/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 227-1.3(a)**

**Item 29.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 001

Emission Source: 00001

**Item 29.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No owner or operator of a combustion installation shall operate the installation in such a way to emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test Method 9 in Appendix A of 40 CFR 60.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



**Condition 30: Compliance Demonstration**  
**Effective between the dates of 06/09/2006 and Permit Expiration Date**

**Applicable Federal Requirement:6NYCRR 227-1.3(a)**

**Item 30.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 002

Emission Source: 00001

**Item 30.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No owner or operator of a combustion installation shall operate the installation in such a way to emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test Method 9 in Appendix A of 40 CFR 60.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 31: Compliance Demonstration**  
**Effective between the dates of 06/09/2006 and Permit Expiration Date**

**Applicable Federal Requirement:6NYCRR 212.6(a)**

**Item 31.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00004

Emission Point: 00004

Process: 004

Emission Source: 00004

**Item 31.2:**

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 having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source,





Emission Unit: U-00007  
Process: 007

Emission Point: 0007B

**Item 33.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No owner or operator of a combustion installation shall operate the installation in such a way to emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test Method 9 in Appendix A of 40 CFR 60.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 34: Compliance Demonstration**

**Effective between the dates of 06/09/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 227-1.3(a)**

**Item 34.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00007  
Process: 007

Emission Point: 0007C

**Item 34.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No owner or operator of a combustion installation shall operate the installation in such a way to emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test Method 9 in Appendix A of 40 CFR 60.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING





**Item 2-3.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one-six-minute period per hour of not more than 27 percent opacity.

The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

Operators of air contamination sources which are not exempt from permitting and where a continuous opacity monitor is not utilized for measuring smoke emissions, shall be required to perform the following:

- 1) Observe the stack for each boiler which is operating once per day for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).
- 2) The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:
  - date and time of day
  - observer's name
  - identity of emission point
  - weather condition
  - was a plume observed?

Incident weather conditions shall be recorded for those days when observations are prohibited. This logbook must be retained at the facility for five (5) years after the date of the last entry.

3) If the operator observes any visible emissions (other than steam - see below) two consecutive days, then a Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence. The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

**\*\* NOTE \*\*** Steam plumes generally form after leaving the



top of the stack (this is known as a detached plume). The distance between the stack and the beginning of the detached plume may vary, however, there is (normally) a distinctive distance between the plume and stack. Steam plumes are white in color and have a billowy consistency. Steam plumes dissipate within a short distance of the stack (the colder the air the longer the steam plume will last) and leave no dispersion trail downwind of the stack.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 2-4: Compliance Demonstration**  
**Effective between the dates of 03/10/2009 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 234.3(a)(1)**

**Item 2-4.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-OOCOR

Process: FLE

Emission Source: FLEXO

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 2-4.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The owner or operator of a flexographic printing process shall not operate, cause, allow, or permit the operation of such process unless the volatile fraction of the ink, as it is applied to the substrate, contains 25.0 percent by volume or less of volatile organic compounds and 75.0 percent by volume or more of nonreactive volatiles.

Compliance is determined by using the formulas found in 6NYCRR Part 234.3(a)(1).

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: INK

Parameter Monitored: VOC CONTENT



Upper Permit Limit: 25.0 percent by volume

Reference Test Method: Method 24 (40CFR60)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 2-5: Compliance Demonstration**  
**Effective between the dates of 03/10/2009 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 234.3(e)**

**Item 2-5.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-OOCOR

Process: FLE

Emission Source: FLEXO

**Item 2-5.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Except as permitted by a specific part of Title 6 of the NYCRR, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 10 percent (six minute average).

Operators of air contamination sources that are not exempt from permitting and where a continuous opacity monitor is not utilized for measuring smoke emissions, shall be required to perform the following:

- 1) Observe the stack(s) or vent(s) once per day for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).
- 2) The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:
  - weather condition
  - was a plume observed?

This logbook must be retained at the facility for five (5) years after the date of the last entry.

- 3) If the operator observes any visible emissions (other



than steam - see below) two consecutive days, then a Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence. The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

**\*\* NOTE \*\*** Steam plumes generally form after leaving the top of the stack (this is known as a detached plume). The distance between the stack and the beginning of the detached plume may vary, however, there is (normally) a distinctive distance between the plume and stack. Steam plumes are white in color and have a billowy consistency. Steam plumes dissipate within a short distance of the stack (the colder the air the longer the steam plume will last) and leave no dispersion trail downwind of the stack.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 2-6: Compliance Demonstration**

**Effective between the dates of 03/10/2009 and Permit Expiration Date**

**Applicable Federal Requirement:6NYCRR 234.6**

**Item 2-6.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-OOCOR

Process: FLE

Emission Source: FLEXO

**Item 2-6.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The following work practices are prohibited:

(a) using 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) storage in open containers of spent or fresh VOC and/or solvents to be used for surface preparation, cleanup or ink/coating removal;





Reference Test Method: EPA Method 9  
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2009.  
Subsequent reports are due every 12 calendar month(s).

**Condition 1-10: Compliance Demonstration**  
**Effective between the dates of 01/02/2008 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.6(a)**

**Item 1-10.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-OOCOR

Emission Point: OSILO

**Item 1-10.2:**

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 having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. Compliance with this requirement shall be determined by the facility owner/operator conducting a daily survey of visible emissions when the process is in operation. If any visible emissions are identified, corrective action is required. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2009.  
Subsequent reports are due every 12 calendar month(s).



**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 35: Contaminant List**  
**Effective between the dates of 06/09/2006 and Permit Expiration Date**

**Applicable State Requirement:ECL 19-0301**

**Item 35.1:**

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

CAS No: 007446-09-5  
Name: SULFUR DIOXIDE

CAS No: 0NY075-00-0  
Name: PARTICULATES

CAS No: 0NY100-00-0  
Name: HAP

CAS No: 0NY210-00-0  
Name: OXIDES OF NITROGEN

CAS No: 0NY998-00-0  
Name: VOC

**Condition 36: Unavoidable noncompliance and violations**  
**Effective between the dates of 06/09/2006 and Permit Expiration Date**

**Applicable State Requirement:6NYCRR 201-1.4**

**Item 36.1:**

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 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 37: Emission Unit Definition**  
**Effective between the dates of 06/09/2006 and Permit Expiration Date**

**Applicable State Requirement:6NYCRR 201-5**

**Item 37.1(From Mod 2):**

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

Emission Unit: U-00010

Emission Unit Description:

One 500 HP natural gas fired boiler.

Building(s): 1-1

**Item 37.2(From Mod 2):**

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

Emission Unit: U-OOCOR

Emission Unit Description:

This emission unit is for the corrugating operation, which includes the corrugator where paper is transformed into corrugated sheets, and the flexographic operation, which converts corrugated sheets into boxes, including flexographic printing (using water based inks). The corrugated sheet is made from paper (liner and medium), steam, corn starch (glue/adhesive), and various chemicals



used in the starch making. The starch is stored and kept in a storage silo. The corrugating operation generates some waste (paper trimmings and side trimming). The paper waste/trimmings are collected through a pneumatic system and carried through an in-clone system and filter designed to achieve 99.99% particulate removal. The waste then goes to the bailer for recycling. This process includes cornstarch, water based flexographic inks, and water based glues. VOC/HAP emissions are exhausted through a roof vent. Particulate emissions from the in-clone are released as fugitives from the building.

Building(s): 2

**Item 37.3(From Mod 1):**

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

Emission Unit: T-00001

Emission Unit Description:

100,000 gallon above ground #2 fuel oil storage tank with a 23.5 ft diameter and 32 feet height.

**Item 37.4(From Mod 1):**

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

Emission Unit: U-00001

Emission Unit Description:

One existing 248 mmbtu/hr boiler burning natural gas as the primary fuel. No. 2 fuel oil will be used as an emergency back-up fuel for which the boiler is rated at a maximum of 220 mmbtu/hr.

Building(s): 1-1

**Item 37.5(From Mod 1):**

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

Emission Unit: U-00004

Emission Unit Description:

Paper machine where pulp is processed into sheets of paper. The process includes the application of various dyes and chemicals.

Building(s): 1

**Item 37.6(From Mod 1):**

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

Emission Unit: U-00007

Emission Unit Description:

Three 14 mmbtu/hr natural gas fired space heaters.

Building(s): 1

**Condition 38: Air pollution prohibited**  
**Effective between the dates of 06/09/2006 and Permit Expiration Date**



**Applicable State Requirement:6NYCRR 211.2**

**Item 38.1:**

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 39: Emission Point Definition By Emission Unit**  
**Effective between the dates of 06/09/2006 and Permit Expiration Date**

**Applicable State Requirement:6NYCRR 201-5**

**Item 39.1(From Mod 2):**

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

Emission Unit: U-00010  
Emission Point: 00010  
Height (ft.): 70                      Diameter (in.): 24                      Building: 1-1

**Item 39.2(From Mod 2):**

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

Emission Unit: U-OOCOR  
Emission Point: OOCOR  
Height (ft.): 36                      Length (in.): 6                      Width (in.): 6  
Building: 2

**Item 39.3(From Mod 1):**

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

Emission Unit: U-00001  
Emission Point: 00001  
Height (ft.): 124                      Diameter (in.): 66                      Building: 1-1

**Item 39.4(From Mod 1):**

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

Emission Unit: U-00004



Emission Point: 00004  
Height (ft.): 73                      Length (in.): 4                      Width (in.): 4  
Building: 1

**Item 39.5(From Mod 1):**

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

Emission Unit: U-00007

Emission Point: 0007A  
Height (ft.): 40                      Diameter (in.): 14                      Building: 1

Emission Point: 0007B  
Height (ft.): 41                      Diameter (in.): 14                      Building: 1

Emission Point: 0007C  
Height (ft.): 47                      Diameter (in.): 14                      Building: 1

**Item 39.6(From Mod 1):**

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

Emission Unit: U-OOCOR

Emission Point: OSILO  
Height (ft.): 41                      Diameter (in.): 12                      Building: OUTSIDE

**Condition 40: Process Definition By Emission Unit**  
**Effective between the dates of 06/09/2006 and Permit Expiration Date**

**Applicable State Requirement:6NYCRR 201-5**

**Item 40.1(From Mod 2):**

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

Emission Unit: U-00010  
Process: GAS                      Source Classification Code: 1-03-006-02  
Process Description:  
One 500 hp boiler burning natural gas for the production of steam for the corrugator process and heat for the corrugator building. No backup fuel is required.

Emission Source/Control: OOBLR - Combustion  
Design Capacity: 500 horsepower (boiler)

**Item 40.2(From Mod 2):**

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

Emission Unit: U-OOCOR  
Process: FLE                      Source Classification Code: 4-05-003-01



Process Description: Flexographic printing with water based inks.

Emission Source/Control: FLEXO - Process

**Item 40.3(From Mod 1):**

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

Emission Unit: T-00001

Process: T01

Source Classification Code: 4-03-010-21

Process Description:

The 100, 000 gallon above ground fixed roof # 2 fuel oil storage tank provides back up fuel supply to the boilers.

Emission Source/Control: T0001 - Process

Design Capacity: 100,000 gallons

**Item 40.4(From Mod 1):**

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

Emission Unit: U-00001

Process: 001

Source Classification Code: 1-03-006-01

Process Description:

THE BOILER IS RATED AT 248 MMBTU/HR CAPACITY WHILE BURNING NATURAL GAS FOR PRODUCTION OF STEAM FOR THE PAPER MAKING PROCESS.

Emission Source/Control: 00001 - Combustion

**Item 40.5(From Mod 1):**

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

Emission Unit: U-00001

Process: 002

Source Classification Code: 1-01-005-01

Process Description:

THE BOILER IS RATED AT 220 MMBTU/HR CAPACITY WHILE BURNING NO. 2 FUEL OIL. NO. 2 FUEL OIL IS THE BACK-UP FUEL TO BE USED ONLY FOR EMERGENCY PURPOSES. VISY PAPER IS NOT PLANNING TO USE NO. 2 FUEL OIL. HOWEVER, WHEN FUEL OIL IS USED DURING EMERGENCIES, VISY PAPER WILL TRACK THE FUEL USE AND OPERATING HOURS SO THAT FACILITY TOTAL NOX EMISSIONS WILL BE LESS THAN 22.5 TONS/YR.

Emission Source/Control: 00001 - Combustion

**Item 40.6(From Mod 1):**

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

Emission Unit: U-00004



Process: 004

Process Description:

The paper machine includes a head box, where water, dyes and chemicals are added to the stock as it is formed into a sheet of paper. As the sheet goes through the press section, most of the water is drained out and recycled back into the process. As the sheet comes out of the press section, it goes through the first set of steam dryers, that remove most of the moisture. The material then goes through the size press where additional chemical/dyes are added, before going to the second set of dryers. The material leaves the last set of dryers as a continuous sheet of paper which is gathered onto large rolls. This described process in process 004.

Emission Source/Control: 00004 - Process

**Item 40.7(From Mod 1):**

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

Emission Unit: U-00007

Process: 007

Process Description:

Three 14mmbtu/hr space heaters burning natural gas for the production of make-up heat for the facility.

Emission Source/Control: 00007 - Combustion

Emission Source/Control: 00008 - Combustion

Emission Source/Control: 00009 - Combustion

**Item 40.8(From Mod 1):**

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

Emission Unit: U-OOCOR

Process: COR

Process Description:

The corrugator will transform rolls of paper into corrugated sheets for use by the flexographic operation for making corrugated boxes and to outside customers. The corrugated sheets are produced from the paper received from the paper machine. At the beginning of the process, paper rolls are loaded on the corrugator at the unwind end of the machine. The paper travels over a heated drum with steam showers to condition the paper, to be formed into the desired flute by corrugating rolls. As the paper comes out of the corrugating roll, it passes over a glue roll that applies cornstarch as an adhesive on the tips of the flutes, then the top liner is applied to the paper. The web then travels on top of the bridge and comes down through a double backer where starch is applied to the other side of the paper, then the bottom liner is put on



the sheet. The board is now traveling through a hot plate section. The hot plates heat sets the starch and the board is bonded when existing the hot plate section. The board then goes through the slitter scorer where the board is custom cut and scored. Then the board goes into the cut off knife and is cut to the correct length. Finished corrugated sheets are either moved to the flexographic operation to make boxes or sent to off-site customers. The flexographic operation converts corrugated sheets into boxes. The corrugated sheet is placed in the machine and pulled through the print stations where one ink color at a time is applied. Then, depending on the type of box, the corrugated sheet is either die cut or slotted, and scored. Some of the machines can also glue the boxes together (using water based glue). At that point the finished box travels on the stacker to be stacked, sent down to the bander line to be added, and is shipped out to the customer. The entire flexographic operation is composed of water based inks and water based glues. The corrugating and flexographic (converting) process is process COR.

Emission Source/Control: INCLO - Control  
Control Type: FABRIC FILTER

Emission Source/Control: SFILT - Control  
Control Type: FABRIC FILTER

Emission Source/Control: CORRU - Process

Emission Source/Control: OSILO - Process

New York State Department of Environmental Conservation

Permit ID: 2-6403-00107/00012

Facility DEC ID: 2640300107

