#### MEADWESTVACO/BLAIR PLT ALEXANDRIA



#### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION AIR QUALITY PROGRAM

#### STATE ONLY OPERATING PERMIT

Issue Date: May 1, 2002 Effective Date: May 1, 2003 **Revision Date:** April 24, 2003 Expiration Date: May 31, 2007

Revision Type: Amendment

> In accordance with the provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and 25 Pa. Code Chapter 127, the Owner, [and Operator if noted] (hereinafter referred to as permittee) identified below is authorized by the Department of Environmental Protection (Department) to operate the air emission source(s) more fully described in this permit. This Facility is subject to all terms and conditions specified in this permit. Nothing in this permit relieves the permittee from its obligations to comply with all applicable Federal, State and Local laws and regulations.

> The regulatory or statutory authority for each plan approval condition is set forth in brackets. All terms and conditions in this permit are federally enforceable unless otherwise designated as "State-Only" requirements.

> > State Only Permit No: 31-03006

# Federal Tax Id - Plant Code: 31-1797999-1 Owner Information Name: MEADWESTVACO CORP Mailing Address: PO BOX 317 MAIN ST ALEXANDRIA, PA 16611-0317 Plant Information Plant: MEADWESTVACO/BLAIR PLT ALEXANDRIA Location: 31 **Huntingdon County** 31932 Porter Township SIC Code: 2678 Manufacturing - Stationary Products Responsible Official Name: PERRY SMITH Title: PLANT MANAGER Phone: (814) 669 - 4446 Permit Contact Person Name: ROBERT MCGINNESS Title: PLANT ENGINEER Phone: (814) 669 - 4446 [Signature] \_

LEIF ERICSON, SOUTHCENTRAL REGION AIR PROGRAM MANAGER



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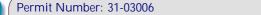
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Note: These same sub-sections are repeated for each source!

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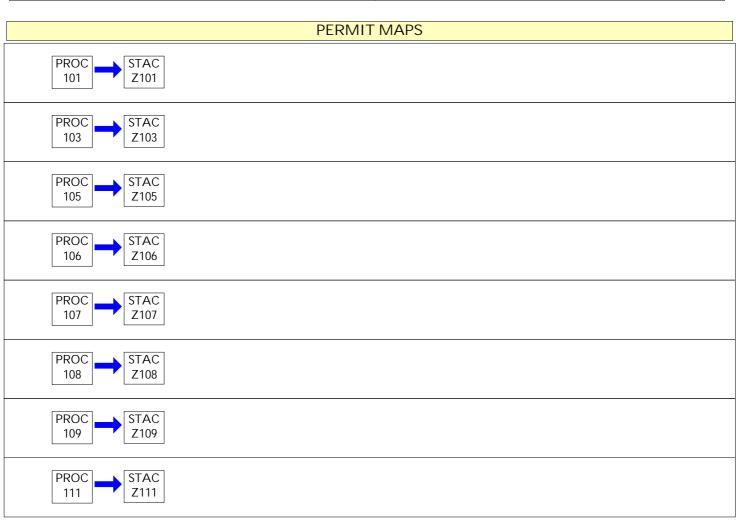






## Section A. Site Inventory List

Source I	D Source Name	Capacity/Throughput	Fuel/Material
101	4 - COLOR PRESS	1.63 Lbs/HR	SOLVENT IN INK
103	1 COLOR PRESS (HARRIS)	0.58 Lbs/HR	SOLVENT IN INK
105	SMALL PRESSES/OTHERS	0.45 Lbs/HR	SOLVENT IN INK
106	2 COLOR PRESS 49TC	0.83 Lbs/HR	SOLVENT IN INK
107	RULERS	0.07 Lbs/HR	SOLVENT IN INK
108	MIELE 2-COLOR SHEETFED OFFSET LITHOGRAPHIC	1.40 Lbs/HR	SOLVENT IN INK
109	MAXSON SHEETER	0.59 Lbs/HR	SOLVENT IN INK
111	FOLDER TINTING	0.40 Lbs/HR	SOLVENT IN INK
Z101	FUGITIVE EMISSION FOR 4-COLOR PRESS		
Z103	FUGITIVE EMISSIONS FOR 1 - COLOR PRESS		
Z105	FUGITIVE EMISSIONS FROM SMALL PRESSES		
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### Section B. General State Only Requirements

#001 [25 Pa. Code § 121.1]

Definitions.

Words and terms that are not otherwise defined in this permit shall have the meanings set forth in Section 3 of the Air Pollution Control Act (35 P.S. § 4003) and in 25 Pa. Code § 121.1.

#002 [25 Pa. Code § 127.446]

Operating Permit Duration.

- (a) This operating permit is issued for a fixed term of five (5) years and shall expire on the date specified on Page 1 of this permit.
- (b) The terms and conditions of the expired permit shall automatically continue pending issuance of a new operating permit, provided the permittee has submitted a timely and complete application and paid applicable fees required under 25 Pa. Code Chapter 127, Subchapter I and the Department is unable, through no fault of the permittee, to issue or deny a new permit before the expiration of the previous permit.

#003 [25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446 & 127.703(b)&(c)]

Permit Renewal.

- (a) The permittee shall submit a timely and complete application for renewal of the operating permit to the appropriate Regional Air Program Manager. The application for renewal of the operating permit shall be submitted at least six (6) months and not more than 18 months before the expiration date of this permit.
- (b) The application for permit renewal shall include the current permit number, a description of any permit revisions that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term. An application is complete if it contains sufficient information to begin processing the application, has the applicable sections completed and has been signed by a responsible official.
- (c) The permittee shall submit with the renewal application a fee for the processing of the application and an additional annual administrative fee as specified in 25 Pa. Code § 127.703(b) and (c). The fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" and shall be for the amount specified in the following schedule specified in 25 Pa. Code § 127.703(b) and (c).
  - (1) Three hundred dollars for applications filed during the 2000-2004 calendar years.
  - (2) Three hundred seventy-five dollars for applications filed for the calendar years beginning in 2005.
- (d) The renewal application shall also include submission of proof that the local municipality and county, in which the facility is located, have been notified in accordance with 25 Pa. Code § 127.413.
- (e) The application for renewal of the operating permit shall also include submission of supplemental compliance review forms in accordance with the requirements of 25 Pa. Code § 127.412(b) and § 127.412(j).
- (f) The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information as necessary to address any requirements that become applicable to the source after the permittee submits a complete application, but prior to the date the Department takes action on the permit application.

#004 [25 Pa. Code § 127.703]

Operating Permit Fees under Subchapter I.

- (a) The permittee shall pay fees according to the following schedule specified in 25 Pa. Code § 127.703(b):
  - (1) Three hundred dollars for applications filed during the 2000-2004 calendar years.
  - (2) Three hundred seventy-five dollars for applications filed for the calendar years beginning in 2005.

This fee schedule shall apply to the processing of an application for an operating permit as well as the extension, modification, revision, renewal, and re-issuance of each operating permit or part thereof.





#### Section B. General State Only Requirements

- (b) The permittee shall pay an annual operating permit administrative fee according to the fee schedule established in 25 Pa. Code § 127.703(c).
  - (1) Two hundred fifty dollars for applications filed during the 1995-1999 calendar years.
  - (2) Three hundred dollars for applications filed during the 2000-2004 calendar years.
  - (3) Three hundred seventy-five dollars for applications filed during the years beginning in 2005.
- (c) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund".

#005 [25 Pa. Code §§ 127.450 (a)(4) and 127.464]

Transfer of Operating Permits.

- (a) This operating permit may not be transferred to another person, except in cases of transfer-of-ownership that are documented and approved by the Department.
- (b) In accordance with 25 Pa. Code § 127.450(a)(4), a change in ownership of the source shall be treated as an administrative amendment if the Department determines that no other change in the permit is required and a written agreement has been submitted to the Department identifying the specific date of the transfer of permit responsibility, coverage and liability between the current and the new permittee and a compliance review form has been submitted to, and the permit transfer has been approved by, the Department.
- (c) This operating permit is valid only for those specific sources and the specific source locations described in this permit.

#006 [25 Pa. Code § 127.441 and 35 P.S. § 4008]

Inspection and Entry.

- (a) Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Department or authorized representatives of the Department to perform the following:
- (1) Enter at reasonable times upon the permittee's premises where a source is located or emissions related activity is conducted, or where records are kept under the conditions of this permit;
  - (2) Have access to and copy, at reasonable times, any records that are kept under the conditions of this permit;
- (3) Inspect at reasonable times, any facilities, equipment including monitoring and air pollution control equipment, practices, or operations regulated or required under this permit;
- (4) Sample or monitor, at reasonable times, any substances or parameters, for the purpose of assuring compliance with the permit or applicable requirements as authorized by the Clean Air Act, the Air Pollution Control Act, or the regulations promulgated under the Acts.
- (b) Pursuant to 35 P.S. § 4008, no person shall hinder, obstruct, prevent or interfere with the Department or its personnel in the performance of any duty authorized under the Air Pollution Control Act or regulations adopted thereunder including denying the Department access to a source at this facility. Refusal of entry or access may constitute grounds for permit revocation and assessment of criminal and/or civil penalties.
- (c) Nothing in this permit condition shall limit the ability of the EPA to inspect or enter the premises of the permittee in accordance with Section 114 or other applicable provisions of the Clean Air Act.

#007 [25 Pa. Code §§ 127.441 & 127.444]

Compliance Requirements.

- (a) The permittee shall comply with the conditions of this operating permit. Noncompliance with this permit constitutes a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one or more of the following:
  - (1) Enforcement action
  - (2) Permit termination, revocation and reissuance or modification





### Section B. General State Only Requirements

- (3) Denial of a permit renewal application
- (b) A person may not cause or permit the operation of a source which is subject to 25 Pa. Code Article III unless the source(s) and air cleaning devices identified in the application for the plan approval and operating permit and the plan approval issued for the source is operated and maintained in accordance with specifications in the applications and the conditions in the plan approval and operating permit issued by the Department. A person may not cause or permit the operation of an air contamination source subject to 25 Pa. Code Chapter 127 in a manner inconsistent with good operating practices.
- (c) For purposes of Sub-condition (b) of this permit condition, the specifications in applications for plan approvals and operating permits are the physical configurations and engineering design details which the Department determines are essential for the permittee's compliance with the applicable requirements in this State-Only permit. Nothing in this subcondition shall be construed to create an independent affirmative duty upon the permittee to obtain a predetermination from the Department for physical configuration or engineering design detail changes made by the permittee.

#008 [25 Pa. Code § 127.441]

Need to Halt or Reduce Activity Not a Defense.

It shall not be a defense for the permittee in an enforcement action that it was necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

#009 [25 Pa. Code §§ 127.442(a) & 127.461]

Duty to Provide Information.

- (a) The permittee shall submit reports to the Department containing information the Department may prescribe relative to the operation and maintenance of each source at the facility.
- (b) The permittee shall furnish to the Department, in writing, information that the Department may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Department copies of records that the permittee is required to maintain in accordance with this permit.

#010 [25 Pa. Code § 127.461]

Revising an Operating Permit for Cause.

This operating permit may be modified, revoked, reopened and reissued or terminated for cause if one or more of the following applies:

- (a) The permittee constructs or operates the source subject to the operating permit so that it is in violation of the Air Pollution Control Act, the Clean Air Act, the regulations thereunder, a plan approval, a permit or in a manner that causes air pollution.
- (b) The permittee fails to properly or adequately maintain or repair an air pollution control device or equipment attached to or otherwise made a part of the source.
- (c) The permittee has failed to submit a report required by the operating permit or an applicable regulation.
- (d) The EPA determines that the permit is not in compliance with the Clean Air Act or the regulations thereunder.

#011 [25 Pa. Code §§ 127.450 & 127.462]

### **Operating Permit Modifications**

- (a) The permittee is authorized to make administrative amendments, minor operating permit modifications and significant operating permit modifications, under this permit, as outlined below:
- (b) Administrative Amendments. The permittee shall make administrative operating permit amendments (as defined in 25 Pa. Code § 127.450(a)), according to procedures specified in § 127.450 unless precluded by the Clean Air Act or its regulations.
- (c) Minor Operating Permit Modifications. The permittee shall make minor operating permit modifications (as defined 25 Pa. Code § 121.1) in accordance with 25 Pa. Code § 127.462.





### Section B. General State Only Requirements

(d) Permit modifications which do not qualify as minor permit modifications under 25 Pa. Code § 127.541 will be treated as a significant operating permit revision subject to the public notification procedures in §§ 127.424 and 127.425.

#012 [25 Pa. Code § 127.441]

Severability Clause.

The provisions of this permit are severable, and if any provision of this permit is determined by a court of competent jurisdiction to be invalid or unenforceable, such a determination will not affect the remaining provisions of this permit.

#013 [25 Pa. Code § 127.449]

De Minimis Emission Increases.

- (a) This permit authorizes de minimis emission increases in accordance with 25 Pa. Code § 127.449 so long as the permittee provides the Department with seven (7) days prior written notice before commencing any de minimis emissions increase. The written notice shall:
  - (1) Identify and describe the pollutants that will be emitted as a result of the de minimis emissions increase.
- (2) Provide emission rates expressed in tons per year and in terms necessary to establish compliance consistent with any applicable requirement.
- (b) The Department may disapprove or condition de minimis emission increases at any time.
- (c) Except as provided below in (d), the permittee is authorized to make de minimis emission increases (expressed in tons per year) up to the following amounts without the need for a plan approval or prior issuance of a permit modification:
- (1) Four tons of carbon monoxide from a single source during the term of the permit and 20 tons of carbon monoxide at the facility during the term of the permit.
- (2) One ton of NOx from a single source during the term of the permit and 5 tons of NOx at the facility during the term of the permit.
- (3) One and six-tenths tons of the oxides of sulfur from a single source during the term of the permit and 8.0 tons of oxides of sulfur at the facility during the term of the permit.
- (4) Six-tenths of a ton of PM10 from a single source during the term of the permit and 3.0 tons of PM10 at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act, the regulations thereunder or 25 Pa. Code Article III.
- (5) One ton of VOCs from a single source during the term of the permit and 5.0 tons of VOCs at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act, the regulations thereunder or 25 Pa. Code Article III.
  - (6) Other sources and classes of sources determined to be of minor significance by the Department.
- (d) In accordance with § 127.14, the permittee is authorized to install the following minor sources without the need for a plan approval or permit modification:
- (1) Air conditioning or ventilation systems not designed to remove pollutants generated or released from other sources.
  - (2) Combustion units rated at 2,500,000 or less Btu per hour of heat input.
- (3) Combustion units with a rated capacity of less than 10,000,000 Btu per hour heat input fueled by natural gas supplied by a public utility or by commercial fuel oils which are No. 2 or lighter, viscosity less than or equal to 5.82 c St, and which meet the sulfur content requirements of 25 Pa. Code §123.22 (relating to combustion units). For purposes of this permit, commercial fuel oil shall be virgin oil which has no reprocessed, recycled or waste material added.
  - (4) Space heaters which heat by direct heat transfer.



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- (5) Laboratory equipment used exclusively for chemical or physical analysis.
- (6) Other sources and classes of sources determined to be of minor significance by the Department.
- (e) This permit does not authorize de minimis emission increases if the emissions increase would cause one or more of the following:
- (1) Increase the emissions of a pollutant regulated under Section 112 of the Clean Air Act except as authorized in Subparagraphs (c)(4) and (5) of this permit condition.
- (2) Subject the facility to the prevention of significant deterioration requirements in 25 Pa. Code Chapter 127, Subchapter D and/or the new source review requirements in Subchapter E.
- (3) Violate any applicable requirement of this permit, the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.
- (f) Emissions authorized under this permit condition shall be included in the monitoring, recordkeeping and reporting requirements of this permit.
- (g) Except for de minimis emission increases, installation of minor sources made pursuant to this permit condition and Plan Approval Exemptions under 25 Pa. Code § 127.14 (relating to exemptions), the permittee is prohibited from making changes or engaging in activities that are not specifically authorized under this permit without first applying for a plan approval. In accordance with § 127.14(b), a plan approval is not required for the construction, modification, reactivation, or installation of the sources creating the de minimis emissions increase.
- (h) The permittee may not meet de minimis emission threshold levels by offsetting emission increases or decreases at the same source.

#014 [25 Pa. Code § 127.3]

### Operational Flexibility.

The permittee is authorized to make changes within the facility in accordance with the regulatory provisions outlined in 25 Pa. Code § 127.3 (relating to operational flexibility) to implement the operational flexibility requirements provisions authorized under Section 6.1(i) of the Air Pollution Control Act and the operational flexibility terms and conditions of this permit. The provisions in 25 Pa. Code Chapter 127 which implement the operational flexibility requirements include the following:

- (1) Section 127.14 (relating to exemptions)
- (2) Section 127.447 (relating to alternative operating scenarios)
- (3) Section 127.448 (relating to emissions trading at facilities with Federally enforceable emissions caps)
- (4) Section 127.449 (relating to de minimis emission increases)
- (5) Section 127.450 (relating to administrative operating permit admendments)
- (6) Section 127.462 (relating to minor operating permit modifications)
- (7) Subchapter H (relating to general plan approvals and general operating permits)

#015 [25 Pa. Code § 127.11]

#### Reactivation

- (a) The permittee may not reactivate a source that has been out of operation or production for at least one year unless the reactivation is conducted in accordance with a plan approval granted by the Department or in accordance with reactivation and maintenance plans developed and approved by the Department in accordance with 25 Pa. Code § 127.11a(a).
- (b) A source which has been out of operation or production for more than five (5) years but less than 10 years may be reactivated and will not be considered a new source if the permittee satisifies the conditions specified in 25 Pa. Code §





### Section B. General State Only Requirements

127.11a(b).

#016 [25 Pa. Code § 127.36]

Health Risk-based Emission Standards and Operating Practice Requirements.

- (a) When needed to protect public health, welfare and the environment from emissions of hazardous air pollutants from new and existing sources, the permittee shall comply with the health risk-based emission standards or operating practice requirements imposed by the Department, except as precluded by §§ 6.6(d)(2) and (3) of the Air Pollution Control Act [35 P.S. § 4006.6(d)(2) and (3)].
- (b) A person challenging a performance or emission standard established by the Department has the burden to demonstrate that performance or emission standard does not meet the requirements of Section 112 of the Clean Air Act.

#017 [25 Pa. Code § 121.9]

Circumvention.

No person may permit the use of a device, stack height which exceeds good engineering practice stack height, dispersion technique or other technique which, without resulting in reduction of the total amount of air contaminants emitted, conceals or dilutes an emission of air contaminants which would otherwise be in violation of 25 Pa. Code Article III, except that with prior approval of the Department, the device or technique may be used for control of malodors.

#018 [25 Pa. Code §§ 127.402(d) & 127.442]

Reporting Requirements.

- (a) The permittee shall comply with the applicable reporting requirements of the Clean Air Act, the regulations thereunder, the Air Pollution Control Act and 25 Pa. Code Article III including Chapters 127, 135 and 139.
- (b) The permittee shall submit reports to the Department containing information the Department may prescribe relative to the operation and maintenance of any air contamination source.
- (c) Reports, test data, monitoring data, notifications and requests for renewal of the permit shall be submitted to the:

Regional Air Program Manager PA Department of Environmental Protection (At the address given in the permit transmittal letter, or otherwise notified)

- (d) Any records or information including applications, forms, reports, or compliance certifications submitted pursuant to this permit condition shall contain a certification by a responsible official as to truth, accuracy and completeness. The certifications submitted under this permit shall require a responsible official of the facility to certify that based on information and belief formed after reasonable inquiry, the statements and information in the documents are true, accurate and complete.
- (e) Any records, reports or information submitted to the Department shall be available to the public except for such records, reports or information which meet the confidentiality requirements of § 4013.2 of the Air Pollution Control Act and §§ 112(d) and 114(c) of the Clean Air Act. The permittee may not request a claim of confidentiality for any emissions data generated for the facility.

#019 [25 Pa. Code §§ 127.441(c) & 135.5]

Sampling, Testing and Monitoring Procedures.

- (a) The permittee shall comply with the monitoring, recordkeeping or reporting requirements of 25 Pa. Code Chapter 139 and the other applicable requirements of 25 Pa. Code Article III and additional requirements related to monitoring, reporting and recordkeeping required by the Clean Air Act and the regulations thereunder including the enhanced monitoring requirements of 40 CFR Part 64, where applicable.
- (b) Unless alternative methodology is required by the Clean Air Act and regulations adopted thereunder, sampling, testing and monitoring required by or used by the permittee to demonstrate compliance with any applicable regulation or





### Section B. General State Only Requirements

permit condition shall be conducted in accordance with the requirements of 25 Pa. Code Chapter 139.

#020 [25 Pa. Code §§ 127.441(c) and 135.5]

### Recordkeeping.

- (a) The permittee shall maintain and make available, upon request by the Department, the following records of monitored information:
  - (1) The date, place (as defined in the permit) and time of sampling or measurements.
  - (2) The dates the analyses were performed.
  - (3) The company or entity that performed the analyses.
  - (4) The analytical techniques or methods used.
  - (5) The results of the analyses.
  - (6) The operating conditions as existing at the time of sampling or measurement.
- (b) The permittee shall retain records of any required monitoring data and supporting information for at least five (5) years from the date of the monitoring, sample, measurement, report or application. Supporting information includes the calibration data and maintenance records and original strip-chart recordings for continuous monitoring instrumentation, and copies of reports required by the permit.
- (c) The permittee shall maintain and make available to the Department upon request, records including computerized records that may be necessary to comply with the reporting, recordkeeping and emission statement requirements in 25 Pa. Code Chapter 135 (relating to reporting of sources). In accordance with 25 Pa. Code Chapter 135, § 135.5, such records may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions.

#021 [25 Pa. Code § 127.441(a)]

Property Rights.

This permit does not convey any property rights of any sort, or any exclusive privileges.

#022 [25 Pa. Code § 127.447]

Alternative Operating Scenarios.

The permittee is authorized to make changes at the facility to implement alternative operating scenarios identified in this permit in accordance with 25 Pa. Code § 127.447.





#### SECTION C. Site Level Requirements

#### I. RESTRICTIONS.

### Emission Restriction(s).

# 001 [25 Pa. Code §123.1]

#### Prohibition of certain fugitive emissions

- (a) No person shall permit the emission into the outdoor atmosphere of a fugitive air contaminant from a source other than the following:
- (1) Construction or demolition of buildings or structures.
- (2) Grading, paving, and maintenance of roads and streets.
- (3) Use of roads and streets. Emissions from material in or on trucks, railroad cars, and other vehicular equipment are not considered as emissions from the use of roads and streets.
- (4) Clearing of land.
- (5) Stockpiling of materials.
- (6) Open burning operations.
- (7) Sources and classes of sources other than those identified in (a)(1)-(a)(6), above, for which the operator has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:
  - (i) The emissions are of minor significance with respect to causing air pollution; and
- (ii) The emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

# 002 [25 Pa. Code §123.2]

#### Fugitive particulate matter

No person shall permit the emission of fugitive particulate matter into the outdoor atmosphere from a source specified in Section C, Condition #001, if the emissions are visible at the point the emissions pass outside the person's property.

# 003 [25 Pa. Code §123.31]

#### Limitations

No person shall permit the emission into the outdoor atmosphere of any malodorous air contaminants from any source in such a manner that the malodors are detectable outside the property of the person on whose land the source is being operated.

# 004 [25 Pa. Code §123.41]

#### Limitations

No person shall permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

- (1) Equal to or greater than 20% for a period or periods aggregating more than three (3) minutes in any one hour.
- (2) Equal to or greater than 60% at any time.

# 005 [25 Pa. Code §123.42]

#### Exceptions

The emission limitation of 25 Pa. Code Section 123.41, shall not apply when:

- (1) The presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- (2) The emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (3) The emission results from sources specified in Section C, Condition #001, subsections (a)(1)-(a)(7).





#### SECTION C. Site Level Requirements

# 006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Total annual facility emissions for Volatile Organic Compounds (VOCs) shall be less than 50 tons, based on a current 12-month running total.

# 007 [25 Pa. Code §129.14]

#### Open burning operations

- (a) No person shall conduct open burning of materials in such a manner that:
- (1) The emissions are visible, at any time, at the point such emissions pass outside the property of the person on whose land the open burning is being conducted.
- (2) Malodorous air contaminants from the open burning are detectable outside the property of the person on whose land the open burning is being conducted.
- (3) The emissions interfere with the reasonable enjoyment of life and property.
- (4) The emissions cause damage to vegetation or property.
- (5) The emissions are or may be deleterious to human or animal health.
- (b) Exceptions. The requirements of Subsection (a) do not apply where the open burning operations result from:
- (1) A fire set to prevent or abate a fire hazard, when approved by the Department and set by or under the supervision of a public official.
- (2) Any fire set for the purpose of instructing personnel in fire fighting, when approved by the Department.
- (3) A fire set for the prevention and control of disease or pests, when approved by the Department.
- (4) A fire set solely for recreational or ceremonial purposes.
- (5) A fire set solely for cooking food.

This permit does not constitute authorization to burn solid waste pursuant to section 610 (3) of the Solid Waste Management Act, 35 P.S. Section 6018.610(3), or any other provision of the Solid Waste Management Act.

#### II. TESTING REQUIREMENTS.

# 008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The Department reserves the right to require exhaust stack testing of the sources referenced in this permit to measure emissions for purposes including verification of permit condition compliance and estimation of annual air emissions.

# 009 [25 Pa. Code §139.1]

Sampling facilities.

Upon the request of the Department, the permittee shall provide adequate sampling ports, safe sampling platforms and adequate utilities for the performance by the Department of tests on such sources. In the request, the Department will set forth the time period in which the facilities shall be provided as well as the specifications for such facilities.

# 010 [25 Pa. Code §139.11]

#### General requirements.

- (a) As specified in 25 Pa. Code Section 139.11(1), performance tests shall be conducted while the source is operating at maximum routine operating conditions or under such other conditions, within the capacity of the equipment, as may be requested by the Department.
- (b) As specified in 25 Pa. Code Section 139.11(2), the Department will consider test results for approval where sufficient information is provided to verify the source conditions existing at the time of the test and where adequate data is available to



### MEADWESTVACO/BLAIR PLT ALEXANDRIA



#### SECTION C. Site Level Requirements

show the manner in which the test was conducted. Information submitted to the Department shall include, at a minimum, all of the following:

- (1) A thorough source description, including a description of any air cleaning devices and the flue.
- (2) Process conditions, for example, the throughput rate ink, and other conditions which may affect emissions from the process.
- (3) The location of the sampling ports.
- (4) Effluent characteristics, including velocity, temperature, moisture content, gas density (percentage CO, CO2, O2, and N2), static and barometric pressures.
- (5) Sample collection techniques employed, including procedures used, equipment descriptions, and data to verify that isokinetic sampling for particulate matter collection occurred and that acceptable test conditions were met.
- (6) Laboratory procedures and results.
- (7) Calculated results.

#### III. MONITORING REQUIREMENTS.

[25 Pa. Code §123.43]

Measuring techniques

Visible emissions may be measured using either of the following:

- (1) A device approved by the Department and maintained to provide accurate opacity measurements.
- (2) Observers, trained and qualified to measure plume opacity with the naked eye or with the aid of any device(s) approved by the Department.

# 012 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall conduct a monthly inspection around the plant periphery during daylight hours when the plant is in production to detect visible emissions, fugitive emissions, and malodorous air contaminants. Monthly inspections are necessary to determine:

- (a) The presence of visible emissions. Visible emissions may be measured according to the methods specified in Section C. Condition #011. Alternately, plant personnel who observe visible emissions may report the incident of visible emissions to the Department within two (2) hours of the incident and make arrangements for a certified observer to measure the visible emissions.
- (b) The presence of fugitive emission beyond the plant property boundaries, as stated in Section C, Condition #002.
- (c) The presence of odorous air contaminants beyond the plant property boundaries, as stated in Section C, Condition #003.

#### RECORDKEEPING REQUIREMENTS. IV.

# 013 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain records of monthly inspections referenced in Section C, Condition #012. The records shall include, at a minimum, the following information:

- (1) The name of the company representative monitoring these instances.
- (2) The date and time of the observation.
- (3) The wind direction during each observation.





#### SECTION C. Site Level Requirements

# 014 [25 Pa. Code §127.441]

#### Operating permit terms and conditions.

All records required by this operating permit and subsequent issuances shall be maintained for the most recent (5) five-year period and made available to Department representatives upon request.

# 015 [25 Pa. Code §135.5]

#### Recordkeeping

Source owners or operators shall maintain and make available upon request by the Department, records including computerized records that may be necessary to comply with 25 Pa. Code Sections 135.3 and 135.21 (relating to reporting, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions). If direct recordkeeping is not possible or practical, sufficient records shall be kept to provide the needed information by indirect means.

#### V. REPORTING REQUIREMENTS.

# 016 [25 Pa. Code §127.442]

#### Reporting requirements.

The permittee shall report malfunctions to the Department. As defined in 40 CFR Section 60.2 and incorporated by reference in 25 Pa. Code Chapter 122, a malfunction is any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. Failures that are caused in part by poor maintenance or careless operation are not malfunctions. Malfunctions shall be reported as follows:

- (a) Any malfunction which poses an imminent danger to the public health, safety, welfare, and environment, shall be immediately reported to the Department by telephone. The telephone report of such malfunctions shall occur no later than two (2) hours after the incident. The permittee shall submit a written report of instances of such malfunctions to the Department within three (3) days of the telephone report.
- (b) Unless otherwise required by this permit, any other malfunction that is not subject to the reporting requirement of subsection (a) above, shall be reported to the Department, in writing, within five (5) days of malfunction discovery.

#### VI. WORK PRACTICE STANDARDS.

# 017 [25 Pa. Code §123.1]

#### Prohibition of certain fugitive emissions

The permittee shall take all reasonable actions to prevent particulate matter from becoming airborne from any source specified in Section C, Condition #001(a)(1)-(a)(7). These actions shall include, but are not limited to, the following:

- (1) Use, where possible, of water or chemicals for control of dust in the demolition of buildings or structures, construction operations, the grading of roads, or the clearing of land.
- (2) Application of asphalt, oil, water, or suitable chemicals on dirt roads, material stockpiles, and other surfaces, which may give rise to airborne dusts.
- (3) Paving and maintenance of roadways.
- (4) Prompt removal of earth or other material from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or other means.

# 018 [25 Pa. Code §127.444]

#### Compliance requirements.

The permittee shall operate and maintain all sources and any air cleaning devices identified in this operating permit in accordance with the manufacturer's recommendations/specifications, as well as in a manner consistent with good operating practices.

#### VII. ADDITIONAL REQUIREMENTS





### SECTION C. Site Level Requirements

### VIII. COMPLIANCE CERTIFICATION.

No additional compliance certifications exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

### IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.



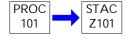
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#### SECTION D. Source Level Requirements

Source ID: 101 Source Name: 4 - COLOR PRESS

Source Capacity/Throughput: 1.63 Lbs/HR SOLVENT IN INK

This source occurs in the following groups: PRESSES



#### I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### VII. ADDITIONAL REQUIREMENTS.

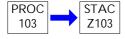


#### SECTION D Source Level Requirements

Source Name: 1 COLOR PRESS (HARRIS) Source ID: 103

> SOLVENT IN INK Source Capacity/Throughput: 0.58 Lbs/HR

This source occurs in the following groups: **PRESSES** 



#### Т RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### **TESTING REQUIREMENTS.** П.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### MONITORING REQUIREMENTS. III.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### RECORDKEEPING REQUIREMENTS. IV.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### VII. ADDITIONAL REQUIREMENTS.



#### SECTION D. Source Level Requirements

Source ID: 105 Source Name: SMALL PRESSES/OTHERS

Source Capacity/Throughput: 0.45 Lbs/HR SOLVENT IN INK

This source occurs in the following groups: PRESSES



#### I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### VII. ADDITIONAL REQUIREMENTS.



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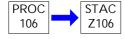


#### SECTION D. Source Level Requirements

Source ID: 106 Source Name: 2 COLOR PRESS 49TC

Source Capacity/Throughput: 0.83 Lbs/HR SOLVENT IN INK

This source occurs in the following groups: PRESSES



#### I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### VII. ADDITIONAL REQUIREMENTS.



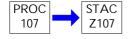
#### MEADWESTVACO/BLAIR PLT ALEXANDRIA

#### SECTION D. Source Level Requirements

Source ID: 107 Source Name: RULERS

Source Capacity/Throughput: 0.07 Lbs/HR SOLVENT IN INK

This source occurs in the following groups: PRESSES



#### I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### VII. ADDITIONAL REQUIREMENTS.





#### SECTION D. Source Level Requirements

Source ID: 108 Source Name: MIELE 2-COLOR SHEETFED OFFSET LITHOGRAPHIC PRESS

Source Capacity/Throughput: 1.40 Lbs/HR SOLVENT IN INK

This source occurs in the following groups: PRESSES



#### I. RESTRICTIONS.

#### Throughput Restriction(s).

# 001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this requirement is derived from the BAQ-GPA/GP-7 for Sheetfed Offset Lithographic Printing Press]

The permittee shall meet one of the following requirements for the fountain solution used on the press:

- (1) Maintain the as applied VOC content of the fountain solution at or below 5% (five percent) by weight.
- (2) Maintain the as applied VOC content of the fountain solution at or below 8.5% (eight and a half percent) by weight, and refrigerate the fountain solution to 60 degrees F or less.

# 002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this requirement is derived from the BAQ-GPA/GP-7 for Sheetfed Offset Lithographic Printing Press]

Any blanket and roller cleaning solution used on the press shall meet one of the following requirements:

- (1) VOC content, as applied, is less than or equal to 30% (thirty percent) by weight.
- (2) VOC composite partial vapor pressure, as used, is less than or equal to 10 mm Hg at 20 degrees C, (68 degrees F).
- (3) The use of cleaning solutions not meeting (1) or (2) above is permitted provided that the quantity used does not exceed 55 (fifty-five) gallons over any twelve consecutive months.

#### II. TESTING REQUIREMENTS.

# 003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this requirement is derived from the BAQ-GPA/GP-7 for Sheetfed Offset Lithographic Printing Press]

The permittee shall determine the VOC content or VOC composite partial vapor pressure of cleaning solutions by one of the following procedures:

- (1) Analysis by USEPA Method 24 of a cleaning solution sample for VOC content or by an appropriate method for composite partial vapor pressure.
- (2) Calculation which combines USEPA Method 24 analytical VOC content data for the concentrated material used to prepare the press ready cleaning solution and records of the proportions in which they are mixed. The calculation shall only be performed once for each press ready cleaning solution and kept in the form of a batch log. The analysis of the concentrated cleaning solution may be performed by the supplier(s) of those materials.





#### SECTION D. Source Level Requirements

(3) Calculation for VOC composite partial vapor pressure which combines analytical VOC vapor pressure data for the concentrated material used to prepare the press ready cleaning solution and records of the proportions in which they are mixed. The analysis and vapor pressure determinations of the concentrated material(s) may be performed by the supplier(s) of the material(s).

# 004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this requirement is derived from the BAQ-GPA/GP-7 for Sheetfed Offset Lithographic Printing Press]

The permittee shall determine the VOC content of the fountain solution by one of the following procedures:

- (1) Analysis by USEPA Method 24 of a fountain solution sample.
- (2) Calculation which combines USEPA Method 24 analytical VOC content data for the concentrated materials used to prepare the press ready fountain solution and records of the proportions in which they are mixed. The calculation shall only be performed once for each press ready fountain solution and kept in the form of a batch log. The analysis of the concentrated fountain solution may be performed by the supplier(s) of those materials.

#### III. MONITORING REQUIREMENTS.

# 005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this requirement is derived from the BAQ-GPA/GP-7 for Sheetfed Offset Lithographic Printing Press]

The permittee, when using an automatic blanket wash system that mixes cleaning solution at the point of application, shall demonstrate compliance with the VOC limitation for blanket and roller cleaning solutions as described in Section D condition # 002 with documentation that the mixed solution from the flow meters or fixed volume spray system meet the limitation.

#### IV. RECORDKEEPING REQUIREMENTS.

# 006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this requirement is derived from the BAQ-GPA/GP-7 for Sheetfed Offset Lithographic Printing Press]

The permittee shall maintain the following records at the facility and shall be made available to the Department upon request.

- (1) For each ink or conventional varnish used: the monthly consumption in pounds or gallons; the percent by weight VOC content, as applied; and, and estimate of VOC emissions. (Alternately, the ink with the highest VOC content may be used to represent all inks used by the sheetfed offset lithographic printing press).
- (2) For each fountain solution and additive: the monthly consumption in pounds or gallons; the percent by weight or weight to volume ratio (lbs/gal) VOC content, and, an estimate of the VOC emissions.
- (3) For each blanket and roller cleaning solutions used: the monthly consumption in pounds or gallons; the percent by weight or weight to volume ration (lbs/gal) VOC content, and an estimate of VOC emissions.
- (4) For each month of operation, the volume of all cleaning solution used which does not meet the VOC standards for blanket and roller cleaning solutions in Section D condition # 002.
- (5) For each month of operation, an estimate of VOC emissions during the latest 12 months.

#### V. REPORTING REQUIREMENTS.





## SECTION D. Source Level Requirements

### VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

### VII. ADDITIONAL REQUIREMENTS.



## MEADWESTVACO/BLAIR PLT ALEXANDRIA

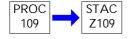


#### SECTION D Source Level Requirements

Source Name: MAXSON SHEETER Source ID: 109

> SOLVENT IN INK Source Capacity/Throughput: 0.59 Lbs/HR

This source occurs in the following groups: **PRESSES** 



#### Т RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### **TESTING REQUIREMENTS.** П.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### MONITORING REQUIREMENTS. III.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### RECORDKEEPING REQUIREMENTS. IV.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### VII. ADDITIONAL REQUIREMENTS.



## MEADWESTVACO/BLAIR PLT ALEXANDRIA

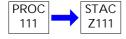


#### SECTION D Source Level Requirements

Source Name: FOLDER TINTING Source ID: 111

> SOLVENT IN INK Source Capacity/Throughput: 0.40 Lbs/HR

This source occurs in the following groups: **PRESSES** 



#### Т RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### **TESTING REQUIREMENTS.** П.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### MONITORING REQUIREMENTS. III.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### RECORDKEEPING REQUIREMENTS. IV.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### VII. ADDITIONAL REQUIREMENTS.





#### SECTION E. Source Group Restrictions.

Group Name: PRESSES

Group Description: AIMS reporting presses

Sources included in this group:

ID	Name
101	4 - COLOR PRESS
103	1 COLOR PRESS (HARRIS)
105	SMALL PRESSES/OTHERS
106	2 COLOR PRESS 49TC
107	RULERS
108	MIELE 2-COLOR SHEETFED OFFSET LITHOGRAPHIC F
109	MAXSON SHEETER
111	FOLDER TINTING

#### I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

#### IV. RECORDKEEPING REQUIREMENTS.

# 001 [25 Pa. Code §135.3]

#### Reporting

[Additional authority for this requirement is derived from operating permit 1-320-001]

The permittee may receive credits for waste inks, wetting solutions, or cleanup solvents sent off-site for recycling or incineration at a legally permitted facility. Records shall be maintained to document these disposals that contain the following information:

- (1) the quantities being disposed of
- (2) the VOC content of the waste ink, wetting solutions, and cleanup solvents being disposed of
- (3) documentation to verify the above.

#### V. REPORTING REQUIREMENTS.

# 002 [25 Pa. Code §135.3]

#### Reporting

The permittee shall submit annual emission reports to the Altoona District Supervisor. These reports should contain, but are not limited to the following information:

(1) monthly totals of the VOC emissions for each of the sources 101, 103, 105, 106, 107, 108, 109, 111. These monthly totals shall be further categorized into those associated with the ink, wetting solution, and cleanup solvents.

The report for January 1 through December 31 is due no later than March 1st of the following year for each operating year authorized by this permit or its renewal.





## SECTION E. Source Group Restrictions.

## VI. WORK PRACTICE STANDARDS.

# 003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall reduce the fugitive emissions of VOCs by: keeping all solvent containers closed at all times unless filling, draining, or performing cleanup operations, and keeping all solvent laden shop towels in a closed container when not being used.

#### VII. ADDITIONAL REQUIREMENTS.



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# SECTION F. Alternative Operation Requirements.

No Alternative Operations exist for this State Only facility.



# SECTION G. Emission Restriction Summary.

No emission restrictions listed in this section of the permit.





#### SECTION H. Miscellaneous.

Administrative Amendment processed on 4-24-2002 for change of ownership.

This facility wide operating permit includes the sources and conditions contained in the following source-by-source operating permit: GP7-31-03006A, and 31-320-001.

Source ID# 111 includes the Condes 2-color folder press and the Rotec folder tinter.

#### Miscellaneous Sources

The following sources and activities are not subject to any specific work practice standards, or testing:

- 1.) Paper trimming/baling system
- 2.) 2.1 MMBTU boiler and other furnaces and air handling systems
- 3.) Indoor venting cyclone for clasp envelope machine
- 4.) Indoor venting baghouse for pad liner machines
- 5.) Douglas APV boxing machine



\*\*\*\*\* End of Report \*\*\*\*\*