



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

STATE ONLY OPERATING PERMIT

Issue Date: November 17, 2010 Effective Date: March 21, 2013
Revision Date: March 21, 2013 Expiration Date: November 30, 2015
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 permit condition is set forth in brackets. All terms and conditions in this permit are federally enforceable unless otherwise designated.

State Only Permit No: 09-00133

Federal Tax Id - Plant Code: 39-1152983-2

Owner Information

Name: QUAD GRAPHICS INC
Mailing Address: 181 RITTENHOUSE CIR
BRISTOL, PA 19007-1617

Plant Information

Plant: QUAD GRAPHICS MARKETING LLC/BRISTOL
Location: 09 Bucks County 09001 Bristol Township
SIC Code: 2752 Manufacturing - Commercial Printing, Lithographic

Responsible Official

Name: JOSEPH BEEMAN
Title: PLANT MANAGER
Phone: (717) 880 - 8127

Permit Contact Person

Name: GLENN SHAFFER
Title: REGIONAL ENV MGR
Phone: (717) 699 - 2598

[Signature] _____
JAMES D. REBARCHAK, SOUTHEAST REGION AIR PROGRAM MANAGER

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Source ID	Source Name	Capacity/Throughput	Fuel/Material
102	M-80 HARRIS HEATSET PRESS	10.000 Lbs/HR	LITHO INK
103	T-54 GOEBEL HEATSET PRESS	10.000 Lbs/HR	LITHO INK
104	V-54 GOEBEL HEATSET PRESS	10.000 Lbs/HR	LITHO INK
105	W-54 GOEBEL HEATSET PRESS	10.000 Lbs/HR	LITHO INKS
FML01	NATURAL GAS SOURCE		
S02	M-80 PRESS STACK		
S03	STACK FOR T-54 PRESS		
S04	STACK FOR V-54 PRESS		
S05	STACK FOR W-54 PRESS		

PERMIT MAPS



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,

SECTION B. General State Only Requirements

modification, revision, renewal, and re-issuance of each operating permit or part thereof.

(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

SECTION B. General State Only Requirements

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
- (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 sub-condition 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 terminated, modified, suspended or revoked and reissued if one or more of the following applies:

- (1) 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.
- (2) 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.
- (3) The permittee has failed to submit a report required by the operating permit or an applicable regulation.
- (4) 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

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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.

(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 NO_x from a single source during the term of the permit and 5 tons of NO_x 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:

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(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.

(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 amendments)

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(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 satisfies the conditions specified in 25 Pa. Code § 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, or reports 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

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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 Compliance Assurance 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 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 §121.7]

Prohibition of air pollution.

No person may permit air pollution as that term is defined in the Air Pollution Control Act (35 P.S. Section 4003).

002 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

No person may permit the emission into the outdoor atmosphere of a fugitive air contaminant from a source other than the following:

- (a) Construction or demolition of buildings or structures.
- (b) Grading, paving and maintenance of roads and streets.
- (c) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets.
- (d) Clearing of land.
- (e) Stockpiling of materials.
- (f) Blasting in open pit mines.
- (g) Sources and classes of sources other than those identified in (a) -- (f) above, for which the operator has obtained a determination from the Department, in accordance with 25 Pa. Code § 123.1 (b), 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.

003 [25 Pa. Code §123.2]

Fugitive particulate matter

A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in Condition #002(a) -- (g), of this Section, if such emissions are visible at the point the emissions pass outside the person's property.

004 [25 Pa. Code §123.31]

Limitations

A person may not 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.

005 [25 Pa. Code §123.41]

Limitations

A person may not 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:

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

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall limit the total emissions of volatile organic compounds (VOC) from the facility from use of inks, fountain solution, and blanket wash (cleanup solvents) to less than 15.25 tons per year as a 12-month rolling sum.

SECTION C. Site Level Requirements**# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall limit the total emissions of volatile organics compounds (VOC) from all sources at the facility shall not exceed 24.9 tons per year as a twelve (12) month rolling sum.

008 [25 Pa. Code §129.14]**Open burning operations**

The permittee may not permit the open burning of material in the Southeast Air Basin, except when the open burning results from:

- (a) 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 officer;
- (b) any fire set for the purpose of instructing personnel in fire fighting, when approved by the Department;
- (c) a fire set solely for cooking food;
- (d) a fire set solely for recreational or ceremonial purposes; or
- (e) a fire set for the prevention and control of disease or pests, when approved by the Department.

II. TESTING REQUIREMENTS.**# 009 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) If at any time the Department has cause to believe that air contaminant emissions from any source(s) listed in Section A of this permit may be in excess of the limitations specified in this permit, or established pursuant to, any applicable rule or regulation contained in 25 Pa. Code Article III, the permittee shall be required to conduct whatever tests are deemed necessary by the Department to determine the actual emission rate(s).

(b) Such testing shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139, when applicable, and in accordance with any restrictions or limitations established by the Department at such time as it notifies the permittee that testing is required.

III. MONITORING REQUIREMENTS.**# 010 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions, pursuant to Condition #005 of this section, may be measured using either of the following:

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

011 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

(a) The permittee shall monitor the facility, once per operating day, for the following:

- (1) Odors, which the Department may determine to be objectionable.
- (2) Visible Emissions.
- (3) Fugitive Particulate Matter.

(b) All detectable emissions, and/or objectionable odors, that originated on-site shall:

SECTION C. Site Level Requirements

- (1) Be investigated.
 - (2) Be reported to the facility management, or individual(s) designated by the permittee.
 - (3) Be recorded in a permanent written log.
- (c) At the end of six months, upon the permittee's request, the Department will determine the feasibility of decreasing the monitoring frequency to weekly for the next six month period.
- (d) At the end of the second six month period, upon the permittee's request, the Department will determine the feasibility of decreasing the frequency of monitoring to monthly.
- (e) The Department reserves the right to change the above monitoring requirements at any time, based on but not limited to: the review of the compliance certification and the semi-annual report of monitoring and record keeping, complaints, monitoring results, and/or Department findings.

IV. RECORDKEEPING REQUIREMENTS.

012 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain all necessary records to demonstrate compliance with the VOC limit for the entire facility.

013 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain records of all the facility's increases of emissions, as per 25 Pa. Code § 127.449, from any of the following categories:

- (a) de minimus increases without notification to the Department.
- (b) de minimus increases with notification to the Department, via letter.
- (c) Increases resulting from a Request for Determination (RFD) to the Department.

014 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain a record of all monitoring of fugitive emissions, visible emissions and odors, including those that deviate from the conditions found in this permit. The record of deviations shall contain, at a minimum, the following items:

- (a) date, time, and location of the incident(s);
- (b) the cause of the event; and
- (c) the corrective action taken, if necessary, to abate the situation and prevent future occurrences.

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 135.21 (relating to reporting; and emission statements). These 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. 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 §127.441]

Operating permit terms and conditions.

- (a) The permittee shall notify the Department by telephone at (484) 250-5920, within two (2) hours of any malfunction(s) of

SECTION C. Site Level Requirements

the source(s), listed in Section A of this permit, or associated air cleaning device(s) which results in, or may possibly result in, the emission of air contaminants in excess of the limitations specified in this permit or in 25 Pa. Code Article III.

(b) Malfunction(s) which occur(s) at this facility, and pose(s) an imminent danger to public health, safety, welfare and the environment, and would violate permit conditions if the source continued to operate after the malfunction(s), shall immediately, after becoming knowledgeable of any occurrence, be reported to the Department by telephone at the above number.

(c) A written report describing the malfunction(s) shall be submitted to the Department within two (2) working days following the notification by telephone required under subsections (a) and (b) above. This report shall describe, at a minimum, the malfunction(s), emission(s), duration, and corrective action(s) taken.

017 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 CFR Part 68.]

(a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release program consistent with requirements of the Clean Air Act, 40 CFR Part 68 (relating to chemical accident prevention provisions) and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act (P.L. 106-40).

(b) If required by Section 112(r) of the Clean Air Act, the permittee shall prepare and implement a Risk Management Plan (RMP) which meets the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68 and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act when a regulated substance listed in 40 CFR § 68.130 is present in a process in more than the threshold quantity at a facility. The permittee shall submit the RMP to the federal Environmental Protection Agency according to the following schedule and requirements:

(1) The permittee shall submit the first RMP to a central point specified by EPA no later than the latest of the following:

- (i) Three years after the date on which a regulated substance is first listed under 40 CFR § 68.130; or,
- (ii) The date on which a regulated substance is first present above a threshold quantity in a process.

(2) The permittee shall submit any additional relevant information requested by the Department or EPA concerning the RMP and shall make subsequent submissions of RMPs in accordance with 40 CFR § 68.190.

(3) The permittee shall certify that the RMP is accurate and complete in accordance with the requirements of 40 CFR Part 68, including a checklist addressing the required elements of a complete RMP.

(c) As used in this permit condition, the term "process" shall be as defined in 40 CFR § 68.3. The term "process" means any activity involving a regulated substance including any use, storage, manufacturing, handling, or on-site movement of such substances or any combination of these activities. For purposes of this definition, any group of vessels that are interconnected, or separate vessels that are located such that a regulated substance could be involved in a potential release, shall be considered a single process.

(d) If this facility is subject to 40 CFR Part 68, as part of the certification required under this permit, the permittee shall:

(1) Submit a compliance schedule for satisfying the requirements of 40 CFR Part 68 by the date specified in 40 CFR § 68.10(a); or,

(2) Certify that this facility is in compliance with all requirements of 40 CFR Part 68 including the registration and submission of the RMP.

(e) If this facility is subject to 40 CFR Part 68, the permittee shall maintain records supporting the implementation of an accidental release program for five (5) years in accordance with 40 CFR § 68.200.

(f) When this facility is subject to the accidental release program requirements of Section 112(r) of the Clean Air Act and 40

SECTION C. Site Level Requirements

CFR Part 68, appropriate enforcement action will be taken by the Department if:

- (1) The permittee fails to register and submit the RMP or a revised plan pursuant to 40 CFR Part 68.
- (2) The permittee fails to submit a compliance schedule or include a statement in an annual Compliance Certification submittal for the previous year indicating compliance with the requirements of the terms and conditions of this permit, and the requirements of Section 112(r) of the Clean Air Act and 40 CFR Part 68. The certification shall include:
 - (i) The identification of each term or condition of the permit that is the basis of the certification.
 - (ii) The compliance status.
 - (iii) The methods used for determining the compliance status of the source, currently and over the reporting period.
 - (iv) Whether compliance was continuous or intermittent.
- (g) The compliance certification should be postmarked or hand-delivered within thirty days of each anniversary date of the date of issuance of this permit.

018 [25 Pa. Code §135.3]

Reporting

- (a) The permittee shall submit by March 1 of each year a source report for the preceding calendar year. The report shall include information for all previously reported sources, new sources which were first operated during the preceding calendar year and sources modified during the same period which were not previously reported.
- (b) The source owner or operator may request an extension of time from the Department for the filing of a source report, and the Department may grant the extension for reasonable cause.

019 [25 Pa. Code §135.4]

Report format

Source reports shall contain sufficient information to enable the Department to complete its emission inventory. Source reports shall be made by the source owner or operator in a format specified by the Department.

VI. WORK PRACTICE REQUIREMENTS.

020 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

A person responsible for any source specified in Condition #002(a) -- (g), shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be 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.

021 [25 Pa. Code §123.42]

Exceptions

The limitations of Condition #005, of this Section, shall not apply to a visible emission in any of the following instances:

- (a) When the presence of uncombined water is the only reason for failure of the emission to meet the limitations.

SECTION C. Site Level Requirements

(b) When the emission results from sources specified in Condition #002(a) -- (g) of this Section.

022 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee may not modify any source identified in Section A of this permit, prior to obtaining Department approval except those modifications authorized by Condition #013(g) of Section B, of this permit.

(b) If an unauthorized modification of a source(s) occurs at the facility, this permit shall be suspended and the permittee shall not thereafter continue to operate the source(s).

023 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall ensure that sources, listed in Section A of this permit, and any associated air cleaning devices are operated and maintained in a manner consistent with good operating practices.

024 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall immediately implement measures, including submission of an application for the installation of air cleaning device(s), if necessary, to reduce the air contaminant emissions to within applicable limitations, if at any time the operation of the source(s) identified in Section A of this permit is causing the emission of air contaminants in excess of the limitations specified in, or established pursuant to, 25 Pa. Code Article III or any other applicable rule promulgated under the Clean Air Act.

025 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall ensure that the rags or towels used with the cleanup solvents shall be stored in a closed container prior to removal by the cleaning company.

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Requirements

Source ID: 102

Source Name: M-80 HARRIS HEATSET PRESS

Source Capacity/Throughput:

10.000 Lbs/HR

LITHO INK

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

No person may permit the emission into the outdoor atmosphere of filterable particulate matter, as measured by Method 5, 40 CFR 60, Appendix A (or an equivalent method approved by the Department) from this source (i.e., lithographic press) at any time, in excess of 0.04 grain per dry standard cubic foot, when the effluent gas volume is less than 150,000 dry standard cubic feet per minute, pursuant to 25 Pa. Code § 123.13(c)(1)(i).

II. TESTING REQUIREMENTS.**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall test their coating(s), as applied for the following, in accordance with Method 24, as specified in 40 CFR Part 60, Appendix A:

- (1) volatile matter content;
- (2) water content;
- (3) density;
- (4) volume solids, and
- (5) weight solids.

(b) The permittee shall test each coating for each delivery, except those that are delivered having the same lot or batch number that have been previously tested.

(c) The above testing requirements shall be waived if the permittee can demonstrate compliance with any of the following:

- (1) a statement from the supplier that EPA Method 24 was used;
- (2) a Certified Product Data Sheet is received from the supplier; or
- (3) an MSDS (using the upper bound) is used in the calculations to demonstrate compliance with the VOC limitation for this source.

III. MONITORING REQUIREMENTS.**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall monitor the following operating parameters for this lithographic press on a monthly basis:

- (i) The ink quantity in pounds of ink as applied;
- (ii) The ink composition:
 - (1) VOC content by weight;
 - (2) Ink density;

SECTION D. Source Level Requirements

(iii) The fountain solutions quantities as applied, in gallons, its percent VOC content by weight, as applied, and its solvent density.

(iv) The quantity of the blanket wash (cleanup solvent), in gallons or pounds as applied;

(v) The composition of the blanket wash:

(1) The VOC content of the blanket wash;

(b) The permittee shall calculate emissions from this source using the following factors:

(i) 20% of the ink VOCs being retained in the paper;

(ii) 100% of the VOCs fountain solution being emitted;

(iii) 50% of the VOCs in the blanket wash (cleaning solution) being retained in shop towels if the VOC composite vapor pressure is less than 10 mm Hg at 20°C (68°F).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor, on a monthly basis, the amount of fuel used by the press dryer.

IV. RECORDKEEPING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall maintain records of the following operating parameters for this lithographic press on a monthly basis:

(i) The ink quantity in pounds of ink as applied;

(ii) The ink composition:

(1) VOC content by weight;

(2) Ink density;

(iii) The fountain solutions quantities as applied, in gallons, its percent VOC content by weight, as applied, and its solvent density.

(iv) The quantity of the blanket wash (cleanup solvent), in gallons or pounds as applied;

(v) The composition of the blanket wash:

(1) The VOC content of the blanket wash;

(b) The permittee shall calculate emissions from this source using the following factors:

(i) 20% of the ink VOCs being retained in the paper;

(ii) 100% of the VOCs in the fountain solution being emitted;

(iii) 50% of the VOCs in the blanket wash (cleaning solution) being retained in shop towels if the VOC composite vapor pressure is less than 10 mm Hg at 20°C (68°F).

SECTION D. Source Level Requirements**# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall maintain monthly records of the amount of fuel used by the press dryer.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.**# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The blanket wash (cleanup solvent) VOC content shall not exceed 60%, by weight.

(b) The vapor pressure of the blanket wash (cleanup solvent) shall not exceed 10 mm of mercury (Hg) at 68°F.

(c) The blanket wash (cleanup solvent) solvent density shall not exceed 7.3 lb/gallon.

008 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The fountain solution, as applied, shall not contain more than 3.0% VOC, by weight.

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Requirements

Source ID: 103

Source Name: T-54 GOEBEL HEATSET PRESS

Source Capacity/Throughput:

10.000 Lbs/HR

LITHO INK

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

No person may permit the emission into the outdoor atmosphere of filterable particulate matter, as measured by Method 5, 40 CFR 60, Appendix A (or an equivalent method approved by the Department) from this source (i.e., lithographic press) at any time, in excess of 0.04 grain per dry standard cubic foot, when the effluent gas volume is less than 150,000 dry standard cubic feet per minute, pursuant to 25 Pa. Code § 123.13(c)(1)(i).

II. TESTING REQUIREMENTS.**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall test their coating(s), as applied for the following, in accordance with Method 24, as specified in 40 CFR Part 60, Appendix A:

- (1) volatile matter content;
- (2) water content;
- (3) density;
- (4) volume solids, and
- (5) weight solids.

(b) The permittee shall test each coating for each delivery, except those that are delivered having the same lot or batch number that have been previously tested.

(c) The above testing requirements shall be waived if the permittee can demonstrate compliance with any of the following:

- (1) a statement from the supplier that EPA Method 24 was used;
- (2) a Certified Product Data Sheet is received from the supplier; or
- (3) an MSDS (using the upper bound) is used in the calculations to demonstrate compliance with the VOC limitation for this source.

III. MONITORING REQUIREMENTS.**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall monitor the following operating parameters for this lithographic press on a monthly basis:

- (i) The ink quantity in pounds of ink as applied;
- (ii) The ink composition:
 - (1) VOC content by weight;
 - (2) Ink density;

SECTION D. Source Level Requirements

(iii) The fountain solutions quantities as applied, in gallons, its percent VOC content by weight, as applied, and its solvent density.

(iv) The quantity of the blanket wash (cleanup solvent), in gallons or pounds as applied;

(v) The composition of the blanket wash:

(1) The VOC content of the blanket wash;

(b) The permittee shall calculate emissions from this source using the following factors:

(i) 20% of the ink VOCs being retained in the paper;

(ii) 100% of the VOCs fountain solution being emitted;

(iii) 50% of the VOCs in the blanket wash (cleaning solution) being retained in shop towels if the VOC composite vapor pressure is less than 10 mm Hg at 20°C (68°F).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor, on a monthly basis, the amount of fuel used by the press dryer.

IV. RECORDKEEPING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall maintain records of the following operating parameters for this lithographic press on a monthly basis:

(i) The ink quantity in pounds of ink as applied;

(ii) The ink composition:

(1) VOC content by weight;

(2) Ink density;

(iii) The fountain solutions quantities as applied, in gallons, its percent VOC content by weight, as applied, and its solvent density.

(iv) The quantity of the blanket wash (cleanup solvent), in gallons or pounds as applied;

(v) The composition of the blanket wash:

(1) The VOC content of the blanket wash;

(b) The permittee shall calculate emissions from this source using the following factors:

(i) 20% of the ink VOCs being retained in the paper;

(ii) 100% of the VOCs in the fountain solution being emitted;

(iii) 50% of the VOCs in the blanket wash (cleaning solution) being retained in shop towels if the VOC composite vapor pressure is less than 10 mm Hg at 20°C (68°F).

SECTION D. Source Level Requirements**# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall maintain monthly records of the amount of fuel used by the press dryer.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.**# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The blanket wash (cleanup solvent) VOC content shall not exceed 60%, by weight.

(b) The vapor pressure of the blanket wash (cleanup solvent) shall not exceed 10 mm of mercury (Hg) at 68°F.

(c) The blanket wash (cleanup solvent) solvent density shall not exceed 7.3 lb/gallon.

008 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The fountain solution, as applied, shall not contain more than 3.0% VOC, by weight.

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Requirements

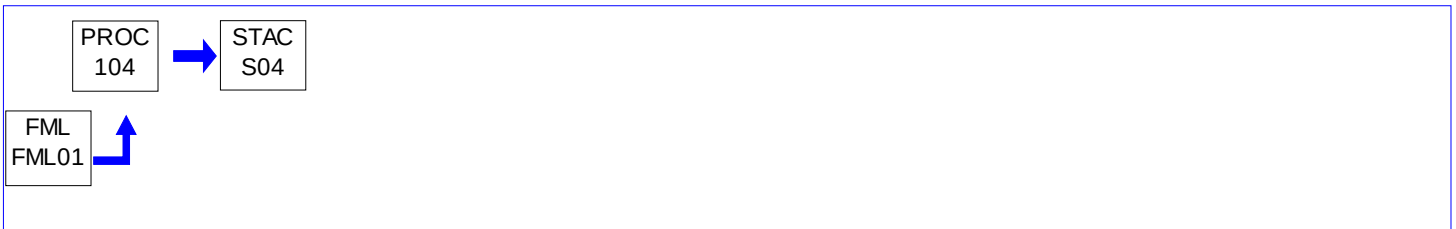
Source ID: 104

Source Name: V-54 GOEBEL HEATSET PRESS

Source Capacity/Throughput:

10.000 Lbs/HR

LITHO INK

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

No person may permit the emission into the outdoor atmosphere of filterable particulate matter, as measured by Method 5, 40 CFR 60, Appendix A (or an equivalent method approved by the Department) from this source (i.e., lithographic press) at any time, in excess of 0.04 grain per dry standard cubic foot, when the effluent gas volume is less than 150,000 dry standard cubic feet per minute, pursuant to 25 Pa. Code § 123.13(c)(1)(i).

II. TESTING REQUIREMENTS.**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall test their coating(s), as applied for the following, in accordance with Method 24, as specified in 40 CFR Part 60, Appendix A:

- (1) volatile matter content;
- (2) water content;
- (3) density;
- (4) volume solids, and
- (5) weight solids.

(b) The permittee shall test each coating for each delivery, except those that are delivered having the same lot or batch number that have been previously tested.

(c) The above testing requirements shall be waived if the permittee can demonstrate compliance with any of the following:

- (1) a statement from the supplier that EPA Method 24 was used;
- (2) a Certified Product Data Sheet is received from the supplier; or
- (3) an MSDS (using the upper bound) is used in the calculations to demonstrate compliance with the VOC limitation for this source.

III. MONITORING REQUIREMENTS.**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall monitor the following operating parameters for this lithographic press on a monthly basis:

- (i) The ink quantity in pounds of ink as applied;
- (ii) The ink composition:
 - (1) VOC content by weight;
 - (2) Ink density;

SECTION D. Source Level Requirements

(iii) The fountain solutions quantities as applied, in gallons, its percent VOC content by weight, as applied, and its solvent density.

(iv) The quantity of the blanket wash (cleanup solvent), in gallons or pounds as applied;

(v) The composition of the blanket wash:

(1) The VOC content of the blanket wash;

(b) The permittee shall calculate emissions from this source using the following factors:

(i) 20% of the ink VOCs being retained in the paper;

(ii) 100% of the VOCs fountain solution being emitted;

(iii) 50% of the VOCs in the blanket wash (cleaning solution) being retained in shop towels if the VOC composite vapor pressure is less than 10 mm Hg at 20°C (68°F).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor, on a monthly basis, the amount of fuel used by the press dryer.

IV. RECORDKEEPING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall maintain records of the following operating parameters for this lithographic press on a monthly basis:

(i) The ink quantity in pounds of ink as applied;

(ii) The ink composition:

(1) VOC content by weight;

(2) Ink density;

(iii) The fountain solutions quantities as applied, in gallons, its percent VOC content by weight, as applied, and its solvent density.

(iv) The quantity of the blanket wash (cleanup solvent), in gallons or pounds as applied;

(v) The composition of the blanket wash:

(1) The VOC content of the blanket wash;

(b) The permittee shall calculate emissions from this source using the following factors:

(i) 20% of the ink VOCs being retained in the paper;

(ii) 100% of the VOCs in the fountain solution being emitted;

(iii) 50% of the VOCs in the blanket wash (cleaning solution) being retained in shop towels if the VOC composite vapor pressure is less than 10 mm Hg at 20°C (68°F).

SECTION D. Source Level Requirements**# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall maintain monthly records of the amount of fuel used by the press dryer.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.**# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The blanket wash (cleanup solvent) VOC content shall not exceed 60%, by weight.

(b) The vapor pressure of the blanket wash (cleanup solvent) shall not exceed 10 mm of mercury (Hg) at 68°F.

(c) The blanket wash (cleanup solvent) solvent density shall not exceed 7.3 lb/gallon.

008 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The fountain solution, as applied, shall not contain more than 3.0% VOC, by weight.

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Requirements

Source ID: 105

Source Name: W-54 GOEBEL HEATSET PRESS

Source Capacity/Throughput:

10.000 Lbs/HR

LITHO INKS

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

No person may permit the emission into the outdoor atmosphere of filterable particulate matter, as measured by Method 5, 40 CFR 60, Appendix A (or an equivalent method approved by the Department) from this source (i.e., lithographic press) at any time, in excess of 0.04 grain per dry standard cubic foot, when the effluent gas volume is less than 150,000 dry standard cubic feet per minute, pursuant to 25 Pa. Code § 123.13(c)(1)(i).

II. TESTING REQUIREMENTS.**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall test their coating(s), as applied for the following, in accordance with Method 24, as specified in 40 CFR Part 60, Appendix A:

- (1) volatile matter content;
- (2) water content;
- (3) density;
- (4) volume solids, and
- (5) weight solids.

(b) The permittee shall test each coating for each delivery, except those that are delivered having the same lot or batch number that have been previously tested.

(c) The above testing requirements shall be waived if the permittee can demonstrate compliance with any of the following:

- (1) a statement from the supplier that EPA Method 24 was used;
- (2) a Certified Product Data Sheet is received from the supplier; or
- (3) an MSDS (using the upper bound) is used in the calculations to demonstrate compliance with the VOC limitation for this source.

III. MONITORING REQUIREMENTS.**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall monitor the following operating parameters for this lithographic press on a monthly basis:

- (i) The ink quantity in pounds of ink as applied;
- (ii) The ink composition:
 - (1) VOC content by weight;
 - (2) Ink density;

SECTION D. Source Level Requirements

- (iii) The fountain solutions quantities as applied, in gallons, its percent VOC content by weight, as applied, and its solvent density.
- (iv) The quantity of the blanket wash (cleanup solvent), in gallons or pounds as applied;
- (v) The composition of the blanket wash:
 - (1) The VOC content of the blanket wash;
- (b) The permittee shall calculate emissions from this source using the following factors:
 - (i) 20% of the ink VOCs being retained in the paper;
 - (ii) 100% of the VOCs fountain solution being emitted;
 - (iii) 50% of the VOCs in the blanket wash (cleaning solution) being retained in shop towels if the VOC composite vapor pressure is less than 10 mm Hg at 20°C (68°F).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor, on a monthly basis, the amount of fuel used by the press dryer.

IV. RECORDKEEPING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

- (a) The permittee shall maintain records of the following operating parameters for this lithographic press on a monthly basis:
 - (i) The ink quantity in pounds of ink as applied;
 - (ii) The ink composition:
 - (1) VOC content by weight;
 - (2) Ink density;
 - (iii) The fountain solutions quantities as applied, in gallons, its percent VOC content by weight, as applied, and its solvent density.
 - (iv) The quantity of the blanket wash (cleanup solvent), in gallons or pounds as applied;
 - (v) The composition of the blanket wash:
 - (1) The VOC content of the blanket wash;
- (b) The permittee shall calculate emissions from this source using the following factors:
 - (i) 20% of the ink VOCs being retained in the paper;
 - (ii) 100% of the VOCs in the fountain solution being emitted;
 - (iii) 50% of the VOCs in the blanket wash (cleaning solution) being retained in shop towels if the VOC composite vapor pressure is less than 10 mm Hg at 20°C (68°F).

SECTION D. Source Level Requirements**# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall maintain monthly records of the amount of fuel used by the press dryer.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.**# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The blanket wash (cleanup solvent) VOC content shall not exceed 60%, by weight.

(b) The vapor pressure of the blanket wash (cleanup solvent) shall not exceed 10 mm of mercury (Hg) at 68°F.

(c) The blanket wash (cleanup solvent) solvent density shall not exceed 7.3 lb/gallon.

008 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The fountain solution, as applied, shall not contain more than 3.0% VOC, by weight.

VII. ADDITIONAL REQUIREMENTS.

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



SECTION E. Alternative Operation Requirements.

No Alternative Operations exist for this State Only facility.

SECTION F. Emission Restriction Summary.

Source Id	Source Description		
102	M-80 HARRIS HEATSET PRESS		
Emission Limit		Pollutant	
0.040	gr/DRY FT3	Particulate Matter	TSP
103	T-54 GOEBEL HEATSET PRESS		
Emission Limit		Pollutant	
0.040	gr/DRY FT3	Particulate Matter	TSP
104	V-54 GOEBEL HEATSET PRESS		
Emission Limit		Pollutant	
0.040	gr/DRY FT3	Particulate Matter	TSP
105	W-54 GOEBEL HEATSET PRESS		
Emission Limit		Pollutant	
0.040	gr/DRY FT3	Particulate Matter	TSP

Site Emission Restriction Summary

Emission Limit		Pollutant
24.900 Tons/Yr	12-month rolling sum.	VOC
15.250 Tons/Yr	inks, fountain solution, blanket wash (cleanup solvents)	VOC

SECTION G. Miscellaneous.

(a) The previously issued Operating Permits and Plan Approvals listed below are the basis for this State Only Operating Permit (APS ID: 346257, Auth ID: 588453):

(1) Plan Approval 09-0133 (Four Lithographic Presses)

(2) Operating Permit 09-320-012 (Three Heatset Lithographic Web Printing Presses, Goeble T54, Goeble V54, & Harris M80)

(b) This State Only Operating Permit (APS ID: 346257, Auth ID: 837073) has been renewed.

(c) The following changes have been made to the renewed State Only Operating Permit 09-00133.

(1) Cover/Title Page: Removed the 'Synthetic Minor' classification.

(2) Cover/Title Page: Changed the name of the "Responsible Official".

(3) Cover/Title Page: Changed the name of the 'Permit Contact Person'.

(4) Section A (Site Inventory List): Removed Sources 031, 032, 033, and 034 and associated permit maps. [Note: These sources and all associated conditions and limits have also been removed from Sections D and F.]

(5) Section A (Site Inventory List): Revised the permit maps for Sources 102, 103, 104, and 105.

(6) Section C (Site Level Requirements), Condition #001. Included a citation in the regulatory language.

(7) Section C, Condition #002. Removed paragraph (f).

(8) Section C, Condition #003. Revised the condition language to refer back to Condition #002(a) -- (g).

(9) Section C, Condition #006. Revised the VOC emission limits from the use of inks, fountain solution and blanket wash to 15.25 tpy.

(10) Section C, Condition #008 (was Condition #025). This condition containing the regulatory provisions of 25 Pa. Code Section 129.14 has been included as an Emission Restriction condition.

(11) Section C, Condition #013: Revised the condition language to include a citation and removed paragraph (d).

(12) Section C, Condition #014 (was Condition #012): Revised the condition language.

(13) Section C, Condition #016 (was Condition #015): Updated the Regional Office's telephone number.

(14) Section C, Condition #019: Revised the condition language to refer back to Condition #002(a) -- (g).

(15) Section C, Condition #020: Revised the condition language to refer back to Condition #002(a) -- (g).

(16) Section D (Source Level Requirement), Source 102, Condition #002. Revised the testing requirement condition. [Note: A similar change was made for Sources 103, 104, and 105.]

(17) Section D, Source 102, Condition #003. The monitoring condition for the fountain solutions was removed and included in the monitoring condition for the inks and blanket washes. [Note: A similar change was made for Sources 103, 104, and 105.]

(18) Section D, Source 102, Condition #003(b) (was Condition #004(b)). The VOC emissions calculation methodology was revised. [Note: A similar change was made for Sources 103, 104, and 105.]

(19) Section D, Source 102, Condition #003(a)(iii). The monitoring requirement for fountain solutions was revised to "percent VOC content by weight". [Note: A similar change was made for Sources 103, 104, and 105.]

(20) Section D, Source 102, Condition #005. The recordkeeping condition for the fountain solutions was removed and included in the recordkeeping condition for the inks and blanket washes. [Note: A similar change was made for Source 103, 104, and 105.]

SECTION G. Miscellaneous.

(21) Section D, Source 102, Condition #005(a)(iii). The recordkeeping requirement for fountain solutions was revised to "percent VOC content by weight". [Note: A similar change was made for Sources 103, 104, and 105.]

(22) Section D, Source 102, Condition #004(b) (was Condition #006(b)). The VOC emissions calculation methodology was revised. [Note a similar change was made for Sources 103, 104, and 105.]

(23) Section D, Source 102, Condition #005(c). The permitted density of the blanket wash (cleanup solvent) was revised to 7.3 lb/gallon. [Note a similar change was made for Sources 103, 104, and 105.]

(24) Section F (Emission Restriction Summary), Source 102. The pollutant symbol for particulate matter was revised to 'TSP' (Total Suspended Particulate).

(d0 This State Only Operating Permit (APS ID: 806014, AUTH ID: 966767) has been administratively amended to incorporate a Change of Ownership (COO).



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