



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

STATE ONLY SYNTHETIC MINOR OPERATING PERMIT

Issue Date: July 12, 2022 Effective Date: July 12, 2022
Expiration Date: July 11, 2027

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: 46-00172

Synthetic Minor

Federal Tax Id - Plant Code: 52-1674023-1

Owner Information

Name: THALES DIS USA INC
Mailing Address: 101 PARK DR
MONTGOMERYVILLE, PA 18936-9613

Plant Information

Plant: THALES DIS USA INC / MONTGOMERYVILLE
Location: 46 Montgomery County 46940 Montgomery Township
SIC Code: 3089 Manufacturing - Plastics Products, Nec

Responsible Official

Name: SURENDRA CHUNDURU
Title: PLANT MGR
Phone: (215) 390 - 2427 Email: surendra.chunduru@thalesgroup.com

Permit Contact Person

Name: MARCOS VAZQUEZ
Title: SITE SECURITY & EHS MGR
Phone: (215) 390 - 2817 Email: marcos.vazquez@thalesgroup.com

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



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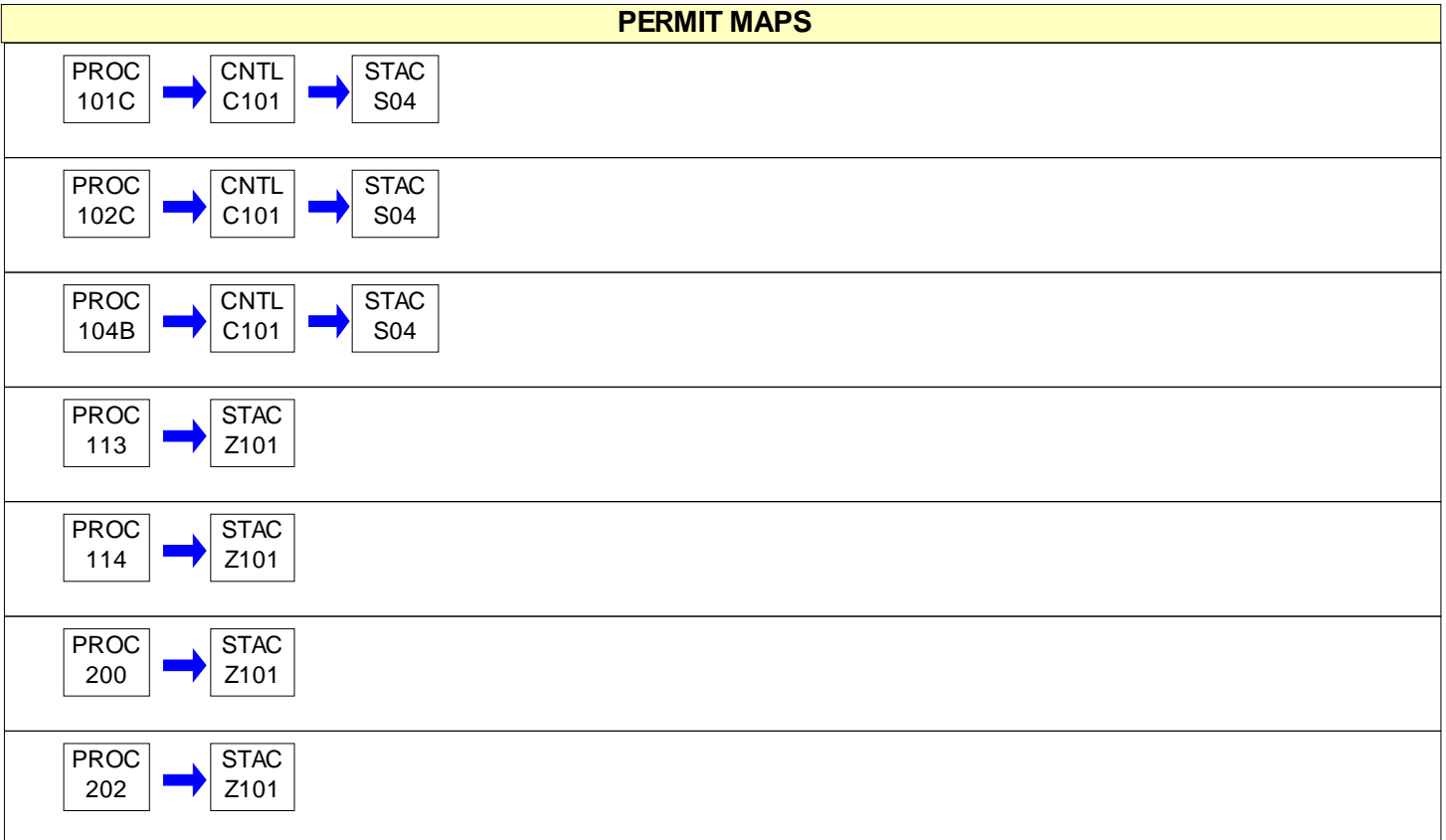
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SECTION A. Site Inventory List

Source ID	Source Name	Capacity/Throughput	Fuel/Material
101C	SAKURAI SILK SCREEN PRESS TAG #609	15.180 Lbs/HR	INKS AND SOLVENTS
102C	SAKURAI SILK SCREEN PRESS W/ CAMERA TAG #614	15.180 Lbs/HR	INKS AND SOLVENTS
104B	SAKURAI SILK SCREEN PRESS TAG #600	15.180 Lbs/HR	INKS AND SOLVENTS
113	7-COLOR HEIDELBERG OFFSET PRINTING MACHINE	N/A	
114	7-COLOR HEIDELBERG OFFSET PRINTING MACHINE	N/A	
200	PROCESS SOLVENT	N/A	SOLVENT
202	PARTS WASHER FOR HP DIGITAL	N/A	SOLVENT
C101	SELF-CLEANING BIOLOGICAL OXIDATION UNIT (BOU)		
S04	CONTROL C101 STACK		
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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)]**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 as specified in 25 Pa. Code § 127.703(b). The fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" and submitted with the fee form to the respective regional office.

(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 the annual operating permit maintenance fee according to the following fee schedule in either paragraph (1) or (2) in accordance with 25 Pa. Code § 127.703(d) on or before December 31 of each year for the next calendar year.

(1) For a synthetic minor facility, a fee equal to:

(i) Four thousand dollars (\$4,000) for calendar years 2021—2025.

(ii) Five thousand dollars (\$5,000) for calendar years 2026—2030.

(iii) Six thousand three hundred dollars (\$6,300) for the calendar years beginning with 2031.

**SECTION B. General State Only Requirements**

(2) For a facility that is not a synthetic minor, a fee equal to:

- (i) Two thousand dollars (\$2,000) for calendar years 2021—2025.
- (ii) Two thousand five hundred dollars (\$2,500) for calendar years 2026—2030.
- (iii) Three thousand one hundred dollars (\$3,100) for the calendar years beginning with 2031.

(b) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" with the permit number clearly indicated and submitted to the respective regional office.

#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:



SECTION B. General State Only Requirements

- (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, 127.465 & 127.703]
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:



SECTION B. General State Only Requirements

(b) **Administrative Amendments.** The permittee shall submit the application for 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 submit the application for minor operating permit modifications (as defined in 25 Pa. Code § 121.1) in accordance with 25 Pa. Code § 127.462.

(d) **Significant Operating Permit Modifications.** The permittee shall submit the application for significant operating permit modifications in accordance with 25 Pa. Code § 127.465.

(e) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" with the permit number clearly indicated and submitted to the respective regional office.

#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:

**SECTION B. General State Only Requirements**

(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)

**SECTION B. General State Only Requirements**

(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

**SECTION B. General State Only Requirements**

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 B. General State Only Requirements****#023 [25 Pa. Code §135.3]****Reporting**

(a) If the facility is a Synthetic Minor Facility, the permittee shall submit by March 1 of each year an annual emissions report for the preceding calendar year. The report shall include information for all active 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. All air emissions from the facility should be estimated and reported.

(b) A source owner or operator of a Synthetic Minor Facility may request an extension of time from the Department for the filing of an annual emissions report, and the Department may grant the extension for reasonable cause.

#024 [25 Pa. Code §135.4]**Report Format**

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

**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**

(a) No person may permit the emission into the outdoor atmosphere of 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 use of roads and streets.

(4) Clearing of land.

(5) Stockpiling of materials.

(6) Open burning operations, as specified in 25 Pa. Code § 129.14.

(7) N/A

(8) N/A

(9) Sources and classes of sources other than those identified in (1)-(8) of this condition, for which the permittee 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.

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 25 Pa. Code § 123.1(a) (relating to prohibition of certain fugitive emissions) 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 minutes in any 1 hour.

(b) Equal to or greater than 60% at any time.

006 [25 Pa. Code §123.42]**Exceptions**

The opacity limitations as per 25 Pa. Code § 123.41 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.

(b) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.

(c) When the emission results from the sources specified in 25 Pa. Code § 123.1(a) (1) – (8) (relating to prohibition of certain fugitive emissions).

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

(a) The total emissions of volatile organic compounds (VOC) from the facility shall not exceed 24.99 tons per year, based on a twelve (12) month rolling sum.

(b) The emissions of hazardous air pollutants (HAP) from the facility shall not exceed 24.99 tons per year for combined HAPs and 9.99 tons per year for each individual HAP, all emissions calculated on a twelve (12) month rolling sum basis.

(c) The facility shall only use compliant inks, coatings, cleaning solutions and fountain solutions as specified in 25 Pa Code §§ 129.52d(d) and 129.67b(c).

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

No person may permit the open burning of material in the Southeast Air Basin except where the open burning operations result 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 for the prevention and control of disease or pests, when approved by the Department.

(d) A fire set in conjunction with the production of agricultural commodities in their unmanufactured state on the premises of the farm operation.

(e) A fire set for the purpose of burning domestic refuse, when the fire is on the premises of a structure occupied solely as a dwelling by two families or less and when the refuse results from the normal occupancy of the structure.

(f) A fire set solely for recreational or ceremonial purposes.

(g) A fire set solely for cooking food.

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 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 and the most current version of the DEP Source Testing Manual, 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.

010 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The Department reserves the right to require stack testing of any source(s) as necessary to verify emissions for purposes including determining the correct emission fee, malfunctions, or determining compliance with any applicable requirement.

III. MONITORING REQUIREMENTS.**# 011 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions 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.

**SECTION C. Site Level Requirements****# 012 [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 may be objectionable (as per 25 Pa. Code §123.31);
- (2) visible emissions (as per 25 Pa. Code §§123.41 and 123.42); and
- (3) fugitive particulate matter (as per 25 Pa. Code §§ 123.1 and 123.2).

(b) Objectionable odors, fugitive particulate emissions, and visible emissions that are caused or may be caused by operations at the site shall:

- (1) be investigated;
- (2) be reported to the facility management, or individual(s) designated by the permittee;
- (3) have appropriate corrective action taken (for emissions that originate on-site); and
- (4) be recorded in a permanent written log.

(c) After six (6) months of daily monitoring, and 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) After six (6) months of weekly monitoring, and 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 (if applicable), complaints, monitoring results, and/or Department findings.

IV. RECORDKEEPING REQUIREMENTS.**# 013 [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.

014 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall maintain records of all the facility's increases of emissions from the following categories:

- (a) De minimis increases without notification to the Department.
- (b) De minimis increases with notification to the Department, via letter.
- (c) Increases resulting from a Request for Determination (RFD) to the Department.
- (d) Increases resulting from the issuance of a plan approval and subsequent operating permit.

015 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall maintain sufficient records and perform calculations demonstrating compliance with the VOC and HAP emissions limits from all sources, including exempted sources, on a 12-month rolling sum.

016 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall monitor and record VOC and HAP emissions for the entire site, on a monthly and 12-month rolling

**SECTION C. Site Level Requirements**

sum.

017 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The facility shall keep all records used to show compliance with limits and conditions required under this permit for at least 5 years and provide such records to DEP on request.

(Compliance with this condition assures compliance with 25 Pa Code §§ 129.52d(f)(3) and 129.67b(g)(1))

V. REPORTING REQUIREMENTS.**# 018 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall report malfunctions, emergencies or incidents of excess emissions to the Department at 484-250-5920. 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. An emergency is any situation arising from sudden and reasonably unforeseeable events beyond the control of the owner or operator of a facility which requires immediate corrective action to restore normal operation and which causes the emission source to exceed emissions, due to unavoidable increases in emissions attributable to the situation. An emergency shall not include situations caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation, or operator error.

(b) When the malfunction, emergency or incident of excess emissions poses an imminent danger to the public health, safety, welfare, or environment, it shall be reported to the Department and the County Emergency Management Agency by telephone within one (1) hour after the discovery of the malfunction, emergency or incident of excess emissions. The owner or operator shall submit a written or emailed report of instances of such malfunctions, emergencies or incidents of excess emissions to the Department within three (3) business days of the telephone report.

(c) The report shall describe the following:

- (1) Name, permit or authorization number, and location of the facility;
- (2) Nature and cause of the malfunction, emergency or incident;
- (3) Date and time when the malfunction, emergency or incident was first observed;
- (4) Expected duration of excess emissions;
- (5) Estimated rate of emissions; and
- (6) Corrective actions or preventative measures taken.

(d) Any malfunction, emergency or incident of excess emissions that is not subject to the notice requirements of paragraph (b) of this condition shall be reported to the Department by telephone within 24 hours (or by 4:00 PM of the next business day, whichever is later) of discovery and in writing or by e-mail within five (5) business days of discovery. The report shall contain the same information required by paragraph (c), and any permit specific malfunction reporting requirements.

(e) During an emergency an owner or operator may continue to operate the source at their discretion provided they submit justification for continued operation of a source during the emergency and follow all the notification and reporting requirements in accordance with paragraphs (b)-(d), as applicable, including any permit specific malfunction reporting requirements.

(f) Reports regarding malfunctions, emergencies or incidents of excess emissions shall be submitted to the appropriate DEP Regional Office Air Program Manager.

(g) Any emissions resulted from malfunction or emergency are to be reported in the annual emissions inventory report, if the annual emissions inventory report is required by permit or authorization.

019 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

**SECTION C. Site Level Requirements**

- (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) 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 CFR Part 68, appropriate enforcement action will be taken by the Department if the permittee fails to register and submit the RMP or a revised plan pursuant to 40 CFR Part 68.

VI. WORK PRACTICE REQUIREMENTS.**# 020 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

A person responsible for any source specified in 25 Pa. Code § 123.1 shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following

- (a) Use, where possible, of water or suitable chemicals, for control of dust in the demolition of buildings or structures, construction operations, the grading of roads, or the clearing of land.
- (b) Application of asphalt, water, or other suitable chemicals, on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.
- (c) Paving and maintenance of roadways.
- (d) 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 by other means.

021 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall ensure that the source(s) and air pollution control device(s), listed in Section A and Section H, where applicable, of this permit, are operated and maintained in a manner consistent with good operating and maintenance

**SECTION C. Site Level Requirements**

practices, and in accordance with manufacturer's specifications.

022 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

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

023 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall immediately, upon discovery, implement measures, which may include the application for the installation of an 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.

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: 101C

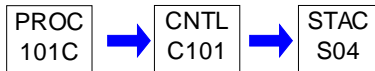
Source Name: SAKURAI SILK SCREEN PRESS TAG #609

Source Capacity/Throughput:

15.180 Lbs/HR

INKS AND SOLVENTS

Conditions for this source occur in the following groups: SAKURAI PRESSES

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.**# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The source is a Sakurai Full Automatic Ultra-high Precision Rotary, Stop Cylinder Screen Press, Maestro Series, MS102 that exhausts to Control C101- Granulated Activated Carbon with self-cleaning Biological Oxidation Unit (BOU), Model T-1300A.

**SECTION D. Source Level Requirements**

Source ID: 102C

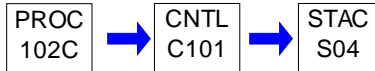
Source Name: SAKURAI SILK SCREEN PRESS W/ CAMERA TAG #614

Source Capacity/Throughput:

15.180 Lbs/HR

INKS AND SOLVENTS

Conditions for this source occur in the following groups: SAKURAI PRESSES

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.**# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The source is a Sakurai Full Automatic Ultra-high Precision Rotary, Stop Cylinder Screen Press, Maestro Series, MS102 that exhausts to Control C101- Granulated Activated Carbon with self-cleaning Biological Oxidation Unit (BOU), Model T-1300A.

**SECTION D. Source Level Requirements**

Source ID: 104B

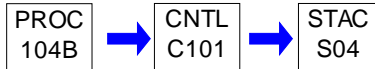
Source Name: SAKURAI SILK SCREEN PRESS TAG #600

Source Capacity/Throughput:

15.180 Lbs/HR

INKS AND SOLVENTS

Conditions for this source occur in the following groups: SAKURAI PRESSES

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.**# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The source is a Sakurai Full Automatic Ultra-high Precision Rotary, Stop Cylinder Screen Press, Maestro Series, MS102 that exhausts to Control C101- Granulated Activated Carbon with self-cleaning Biological Oxidation Unit (BOU), Model T-1300A.

**SECTION D. Source Level Requirements**

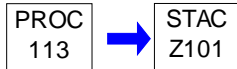
Source ID: 113

Source Name: 7-COLOR HEIDELBERG OFFSET PRINTING MACHINE

Source Capacity/Throughput:

N/A

Conditions for this source occur in the following groups: LITHO PRESSES

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.**# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source consists of a Heidelberg, Model XL 75-7 Seven (7) Color, Lithographic Offset Printing Machine.

**SECTION D. Source Level Requirements**

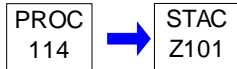
Source ID: 114

Source Name: 7-COLOR HEIDELBERG OFFSET PRINTING MACHINE

Source Capacity/Throughput:

N/A

Conditions for this source occur in the following groups: LITHO PRESSES

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.**# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source consists of a Heidelberg, Model XL 75-7-X2-F Seven (7) Color, Lithographic Offset Printing Machine.

**SECTION D. Source Level Requirements**

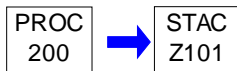
Source ID: 200

Source Name: PROCESS SOLVENT

Source Capacity/Throughput:

N/A

SOLVENT

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.**# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The facility shall monitor and record on a daily and monthly basis the following for all clean-up solvents used:

- (a) the amount of each solvent used;
- (b) the VOC content of each solvent used;
- (c) the HAP content of each solvent used; and
- (d) the density of each solvent used.

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

The facility shall calculate and record the emissions from clean-up solvents on a monthly and 12-month rolling sum basis.

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

The facility shall comply with the following good work practices:

- (a) All VOC containing inks, coatings, thinner, cleaning solutions, fountain solutions, clean-up solvents and wastes must be stored in closed containers.
- (b) Closed container or pipe shall be used to move VOC containing material from one location to another.
- (c) Shop towels or other items used with VOC contain materials shall be stored in a closed container after use.
- (d) Potential to spill VOC containing materials shall be minimized and all spill cleaned up immediately.

**SECTION D. Source Level Requirements****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**

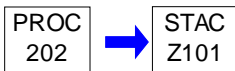
Source ID: 202

Source Name: PARTS WASHER FOR HP DIGITAL

Source Capacity/Throughput:

N/A

SOLVENT

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.**# 001 [25 Pa. Code §129.63]****Degreasing operations**

(a) The permittee shall maintain records and provide to the Department, on request, the information specified below, pursuant to 25 Pa. Code § 129.63(a)(5):

- (1) The name and address of the solvent supplier.
- (2) The type of solvent including the product or vendor identification number.
- (3) The vapor pressure of the solvent measured in mm Hg at 20°C (68°F).

(b) An invoice, bill of sale, certificate that corresponds to a number of sales, Safety Data Sheet (SDS), or other appropriate documentation acceptable to the Department may be used to comply with this condition, pursuant to 25 Pa. Code § 129.63(a)(5).

(c) Records satisfying (a) or (b) of this condition shall be maintained for at least two (2) years.

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

The facility shall comply with the following good work practices:

(a) All VOC containing inks, coatings, thinner, cleaning solutions, fountain solutions, clean-up solvents and wastes must be stored in closed containers.

(b) Closed container or pipe shall be used to move VOC containing material from one location to another.

**SECTION D. Source Level Requirements**

(c) Shop towels or other items used with VOC containing materials shall be stored in a closed container after use.

(d) Potential to spill VOC containing materials shall be minimized and all spill cleaned up immediately.

003 [25 Pa. Code §129.63]**Degreasing operations**

The parts washer (immersion cold cleaning machine) shall have a freeboard ratio of 0.50 or greater.

004 [25 Pa. Code §129.63]**Degreasing operations**

(a) The remote reservoir parts washer shall have a permanent, conspicuous label summarizing the following operating requirements and good operating practices:

(i) Operating requirements under 25 Pa Code § 129.63(a)(3):

(1) Waste solvent shall be collected and stored in closed containers. The closed containers may contain a device that allows pressure relief, but does not allow liquid solvent to drain from the container.

(2) Flushing of parts using a flexible hose or other flushing device shall be performed only within the cold cleaning machine. The solvent spray shall be a solid fluid stream, not an atomized or shower spray.

(3) Sponges, fabric, wood, leather, paper products and other absorbent materials may not be cleaned in the cold cleaning machine.

(4) Air agitated solvent baths may not be used.

(5) Spills during solvent transfer and use of the cold cleaning machine shall be cleaned up immediately.

(ii) Good operating practices 25 Pa Code § 129.63(a)(2):

(1) Cleaned parts should be drained at least 15 seconds or until dripping ceases, whichever is longer. Parts having cavities or blind holes shall be tipped or rotated while the part is draining. During the draining, tipping or rotating, the parts should be positioned so that solvent drains directly back to the cold cleaning machine.

(2) When a pump-agitated solvent bath is used, the agitator should be operated to produce a rolling motion of the solvent with no observable splashing of the solvent against the tank walls or the parts being cleaned.

(3) Work area fans should be located and positioned so that they do not blow across the opening of the parts washer.

(b) The parts washer shall be equipped with a cover that shall be closed at all times except during cleaning of parts or the addition or removal of solvent. For remote reservoir cold cleaning washers which drain directly into the solvent storage reservoir, a perforated drain with a diameter of not more than 6 inches shall constitute an acceptable cover.

005 [25 Pa. Code §129.63]**Degreasing operations**

(a) After December 22, 2002, a person may not use, sell or offer for sale for use in a cold cleaning machine any solvent with a vapor pressure of 1.0 millimeter of mercury (mm Hg) or greater and containing greater than 5% VOC by weight, measured at 20°C (68°F) containing VOCs.

(b) The above vapor pressure and VOC content limit does not apply to the following:

(i) Cold cleaning machines used in extreme cleaning service.

(ii) If the owner or operator of the cold cleaning machine demonstrates, and the Department approves in writing, that compliance with paragraph (4) will result in unsafe operating conditions.

(iii) To immersion cold cleaning machines with a freeboard ratio equal to or greater than 0.75.

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 006 [25 Pa. Code §129.63]****Degreasing operations**

This parts washer is a ZEP brand, 35-gallon remote reservoir cold cleaning machine.

**SECTION E. Source Group Restrictions.**

Group Name: LITHO PRESSES

Group Description: Lithographic presses

Sources included in this group

ID	Name
113	7-COLOR HEIDELBERG OFFSET PRINTING MACHINE
114	7-COLOR HEIDELBERG OFFSET PRINTING MACHINE

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [25 Pa. Code §129.52d]****Control of VOC emissions from miscellaneous metal parts surface coating processes, miscellaneous plastic parts surf:**

1. For solvent based inks and coatings compliance:

(a) The VOC content of multicolor inks and coatings used with lithographic presses shall have a VOC content of 5.7 lb or less per gallon of coatings, less water and exempt compounds, as applied.

(b) The VOC content of other inks and coatings used in the the lithographic presses shall comply with the VOC content limits in 25 Pa Code § 129.52d Table II for plastic parts and products.

2. For non-solvent based inks and coatings compliance:

(a) Definitions:

(i) water-based inks and coatings are defined as having more than 5% water by weight in the volatile fraction and contain less than 0.25 lb VOC per lb coatings as applied.

(ii) UV (ultraviolet cured) inks and coatings contain less than 0.05 lb VOC per lb coatings as applied.

(b) Water-based or UV inks and coatings as defined in 2(a) of this condition are automatically compliant with the VOC content limits of 25 Pa Code § 129.52d

002 [25 Pa. Code §129.67b]**Control of VOC emissions from offset lithographic printing presses and letterpress printing presses.**

Cleaning (blanket and roller) solutions must meet one or both the following limits:

(a) VOC content, as applied, of 30% or less by weight

(b) VOC partial vapor pressure less than 10 millimeters of Hg at 68° F (20°C)

(c) The use of cleaning solutions do not have to meet the above conditions, provided that the quantity used does not exceed 110 gallons on a 12- month rolling sum combined for all lithographic presses

(Note: 30% VOC content limit from GP7-46-0045 and GP7-46-0044 assures compliance with 25 Pa Code § 129.67b(c)(1))

003 [25 Pa. Code §129.67b]**Control of VOC emissions from offset lithographic printing presses and letterpress printing presses.**

As applied fountain solution shall meet one of the following limits:

(a) VOC content of 5% or less by weight

(b) VOC content of 8.5% by weight if the fountain solution is refrigerated to below 60° F (15.5°C)

(c) A VOC content of 5% or less by weight and no alcohol in the fountain solution.

**SECTION E. Source Group Restrictions.****II. TESTING REQUIREMENTS.****# 004 [25 Pa. Code §129.52d]****Control of VOC emissions from miscellaneous metal parts surface coating processes, miscellaneous plastic parts surface coating processes and pleasure craft surface coatings.**

(a) The permittee shall test all their inks, coatings, cleaning (blanket and roller) solutions and fountain solutions used at the facility, 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, cleaning solutions and fountain solution 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 (CPDS) is received from the supplier; or
- (3) a Safety Data Sheet (SDS; the upper bound) is used.

(Compliance with this condition assures compliance the requirements of 25 Pa Code §129.67b(e))

III. MONITORING REQUIREMENTS.**# 005 [25 Pa. Code §129.67b]****Control of VOC emissions from offset lithographic printing presses and letterpress printing presses.**

If the facility is using cleaning solutions (blanket and roller) in excess of the VOC limits in Condition #002 of this Section E Group Requirements, they shall monitor and record the amount of non-compliant cleaning solution on a daily and 12-month rolling sum basis.

006 [25 Pa. Code §129.67b]**Control of VOC emissions from offset lithographic printing presses and letterpress printing presses.**

For fountain solutions that are refrigerated for compliance with Condition #003(b), the temperature shall be monitored continuously using a thermometer or other approved temperature detecting device capable of temperature readings in 0.5 degree Fahrenheit (0.28 degree Celsius) increments.

IV. RECORDKEEPING REQUIREMENTS.**# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall record the following on a monthly and 12-month rolling sum basis for each cleaning and fountain solution used:

- (a) The monthly consumption in pounds or gallons
- (b) The percent by weight or weight to volume ratio (lbs/gal) VOC and HAP content

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

The permittee shall calculate the VOC and HAP emissions from each press on a monthly and 12-month rolling basis.

009 [25 Pa. Code §129.52d]**Control of VOC emissions from miscellaneous metal parts surface coating processes, miscellaneous plastic parts surface coating processes and pleasure craft surface coatings.**

(a) If the facility mixes an ink or coating before application and intends to classify the ink or coating as water-based compliant, they must perform and record calculations or testing proving the ink or coating meets the definition in Condition #001(2)(a)(i) of this source group.

**SECTION E. Source Group Restrictions.**

(b) If the facility mixes an ink or coating before application and intends to classify the ink or coating as UV compliant, they must perform and record calculations or testing proving the ink or coating meets the definition in Condition #001(2)(a)(ii) of this source group.

010 [25 Pa. Code §129.52d]**Control of VOC emissions from miscellaneous metal parts surface coating processes, miscellaneous plastic parts surface coating processes and pleasure craft surface coatings.**

(a) The facility shall monitor and record on a daily and monthly basis the following for all inks, coatings, and thinners used at the facility (25 Pa Code §129.52d(f)(1)):

- (1) The following parameters for each coating, thinner, component and cleaning solvent as supplied:
 - (A) Name and identification number of the coating, thinner, other component or cleaning solvent;
 - (B) Volume used;
 - (C) Mix ratio;
 - (D) Density or specific gravity.
 - (E) Weight percent of total volatiles, water, solids and exempt solvents;
 - (F) Volume percent of total volatiles, water and exempt solvents for the applicable table of limits in Tables II of 25 Pa Code §129.52d;

(2) The VOC content of each coating, thinner, component and cleaning solvent as applied.

(b) Alternately, the ink or coating with the highest VOC and HAP content may be used to represent all inks or coatings used at of each press in this group in emissions calculations.

011 [25 Pa. Code §129.67b]**Control of VOC emissions from offset lithographic printing presses and letterpress printing presses.**

The permittee shall keep on file records of all previously performed/required testing for:

- (a) Fountain Solutions VOC and HAP content
- (b) Cleaning Solutions for VOC and HAP content
- (c) VOC composite partial vapor pressure of cleaning solutions if using partial pressure to demonstrate compliance with 25 Pa Code 129.67b(e)(3).

012 [25 Pa. Code §129.67b]**Control of VOC emissions from offset lithographic printing presses and letterpress printing presses.**

The facility shall keep records of the following parameters:

- (a) For each as applied (press ready) cleaning (blanket and roller) solution :
 - (1) Name and identification number;
 - (2) The VOC content as percent (%) of weight or VOC composite partial vapor pressure as applied; and
 - (3) The volume used of each cleaning solution as applied, if the owner or operator is using cleaning solutions which exceed the limits in Condition #002.
- (b) For each as applied fountain solutions:
 - (1) The VOC content as percent (%) of weight;
 - (2) Temperature of refrigerated fountain solutions record once daily for fountain solutions complying with Condition #003(b) of this group.

V. REPORTING REQUIREMENTS.

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

**SECTION E. Source Group Restrictions.****VI. WORK PRACTICE REQUIREMENTS.****# 013 [25 Pa. Code §129.52d]****Control of VOC emissions from miscellaneous metal parts surface coating processes, miscellaneous plastic parts surface coating processes and pleasure craft surface coatings.**

The facility shall comply with the following good work practices:

- (a) All VOC containing inks, coatings, thinner, cleaning solutions, fountain solutions, clean-up solvents and wastes must be stored in closed containers.
- (b) Closed container or pipe shall be used to move VOC containing material from one location to another.
- (c) Shop towels or other items used with VOC contain materials shall be stored in a closed container after use.
- (d) Potential to spill VOC containing materials shall be minimized and all spill cleaned up immediately.

(Compliance with this condition assures compliance the requirements of 25 Pa Code §129.67b(i))

014 [25 Pa. Code §129.67b]**Control of VOC emissions from offset lithographic printing presses and letterpress printing presses.**

The thermometer or other temperature measuring device used to monitor refrigerated fountain solution shall be maintained and calibrated according to manufacturer's specifications.

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. Source Group Restrictions.**

Group Name: SAKURAI PRESSES
 Group Description: Silkscreen Sakurai presses
 Sources included in this group

ID	Name
101C	SAKURAI SILK SCREEN PRESS TAG #609
102C	SAKURAI SILK SCREEN PRESS W/ CAMERA TAG #614
104B	SAKURAI SILK SCREEN PRESS TAG #600

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The emissions of volatile organic compounds (VOC) to the atmosphere from all Sakurai silk screen presses in this group are limited to the following post-control (C101) emissions:

- (a) 0.34 lb/hr combined VOC for all presses combined
- (b) 1.48 tons per year combined VOC for all presses combined on 12-month rolling sum basis

002 [25 Pa. Code §129.52d]**Control of VOC emissions from miscellaneous metal parts surface coating processes, miscellaneous plastic parts surf:**

1. For solvent-based inks and coatings compliance:

- (a) The VOC content of multicomponent inks and coatings used with Sakurai presses shall have a VOC content of 6.7 lb or less per gallon of coating solids as applied.
- (b) The VOC content of other inks and coatings used in the the Sakurai presses shall comply with the VOC content limits in 25 Pa Code § 129.52d Table VII for plastic parts and products.

2. For non-solvent based inks and coatings compliance:

- (a) Definitions:
 - (i) water-based inks and coatings are defined as having more than 5% water by weight in the volatile fraction and contain less than 0.25 lb VOC per lb coatings as applied.
 - (ii) UV (ultraviolet cured) inks and coatings contain less than 0.05 lb VOC per lb coatings as applied.
- (b) Water-based or UV inks and coatings as defined in 2(a) of this condition are automatically compliant with the VOC content limits of 25 Pa Code § 129.52d

Throughput Restriction(s).**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

All emissions from presses in Sakurai press group shall be routed to the Granulated Activated Carbon with Biological auto-cleaning Oxidation Unit (BOU) Control C101 except for fugive emissions related to use of cleanup solvents (Source ID 200).

Control Device Efficiency Restriction(s).**# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The Granulated Activated Carbon with Biological auto-cleaning Oxidation Unit (BOU) (Source ID C101) shall achieve 98 percent (by weight) destruction efficiency for VOC or shall limit the emissions of VOC to less than 20 ppmv as propane, whichever is less stringent.

**SECTION E. Source Group Restrictions.**

(Compliance with this condition assures compliance with the requirements of 25 Pa Code §129.52d(d)(3))

II. TESTING REQUIREMENTS.**# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

- (a) The permittee shall perform a stack test using the Department-approved procedures once every five (5) calendar years, where five (5) calendar years is defined as beginning with the calendar year the latest stack test was performed and ending on December 31, five (5) years later. 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. Refer to PADEP Source Testing Program website online for further information related to source testing including Source Testing FAQ and the PADEP Source Testing Manual.
- (b) The stack test shall, at a minimum, test for VOC and destruction efficiency of the Granulated Activated Carbon with Biological autocleaning Oxidation Unit (BOU) Control C101. Tests shall be conducted in accordance with the provisions of EPA Method 25 or other Department approved methodology and 25 Pa. Code Chapter 139.
- (c) At least ninety (90) days prior to the test, the permittee shall submit to the Department for approval the procedures for the test and a sketch with dimensions indicating the location of sampling ports and other data to ensure the collection of representative samples.
- (d) At least thirty (30) days prior to the test, the Regional Air Quality Manager, shall be informed of the date and time of the test.
- (e) Within sixty (60) days after the source test(s) (unless a more stringent regulatory requirement applies) an electronic copy of the complete test report, including all operating conditions, shall be submitted to the Regional Air Quality Manager for approval.
- (f) In the event that any of the above deadlines cannot be met, the permittee may request an extension for the due date(s) in writing and include a justification for the extension. The Department may grant an extension for a reasonable cause.

006 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

- (a) The permittee shall email all source test submissions (notifications, protocols, reports, supplemental information, etc.) to both the AQ Program Manager for the Southeast Regional Office and the PSIMS Administrator in Central Office (email addresses are provided below). Any questions or concerns about source testing submissions can be sent to RA-EPstacktesting@pa.gov and the PSIMS Administrator will address them.

Southeast Region
RA-EPSEstacktesting@pa.gov

Central Office
RA-EPstacktesting@pa.gov

- (b) The following pertinent information shall be listed on the title page.

1. Test Date(s)

- a. For protocols, provide the proposed date on which testing will commence or "TBD"
- b. For reports, provide the first and last day of testing

2. Facility Identification Number (Facility - ID): For test programs that were conducted under a multi-site protocol, also

**SECTION E. Source Group Restrictions.**

include the PF ID under which the protocol was stored in PSIMS, as indicated in the protocol response letter.

3. Source ID(s) for the applicable source(s) and air pollution control device(s): The term Source ID is used in the permit but "Other Id" is used in DEP electronic systems. They are the same number and must also be listed for control equipment

4. Testing Requirements

- a. Operating permit number
- b. Applicable federal subpart(s) (i.e. 40 CFR 60, Subpart JJJJ)
- c. Applicable state code

(c) If confidential information must be submitted, submit both a public copy, which has been redacted, and a confidential copy. The cover page of each submittal should state whether it is a "Public Copy" or "Confidential Copy" and each page of the latter must be marked "CONFIDENTIAL".

007 [25 Pa. Code §129.52d]

Control of VOC emissions from miscellaneous metal parts surface coating processes, miscellaneous plastic parts surface coating processes and pleasure craft surface coatings.

(a) The permittee shall test all their inks, coatings, cleaning solutions and fountain solutions used at the facility, 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 (CPDS) is received from the supplier; or
- (3) a Safety Data Sheet (SDS; the upper bound) is used.

(Compliance with this condition assures compliance the requirements of 25 Pa Code §129.67b(e))

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The facility shall keep records of the following for the BOU (C101):

(a) Manufacturer's specifications for maintenance including calibration and operation shall be kept and made available to Department personnel upon request.

(b) All repairs and maintenance performed in a logbook or other DEP approved format for at least 5 years.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

VOC ad HAP emissions for each press shall be calculated and recorded on a monthly and 12-month rolling sum basis.

**SECTION E. Source Group Restrictions.****# 010 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The facility shall maintain daily records of operating hours for each press.

011 [25 Pa. Code §129.52d]**Control of VOC emissions from miscellaneous metal parts surface coating processes, miscellaneous plastic parts surface coating processes and pleasure craft surface coatings.**

If a compliant ink or coating is altered using a VOC-containing thinner prior to use, the facility shall perform calculations for the as applied ink or coating or perform testing as set forth in Condition #007 of Section E, Sakurai Press Group on the as applied ink or coating to demonstrate compliance with the VOC and HAP content limits in Condition #002 of this group section.

012 [25 Pa. Code §129.52d]**Control of VOC emissions from miscellaneous metal parts surface coating processes, miscellaneous plastic parts surface coating processes and pleasure craft surface coatings.**

(a) The facility shall monitor and record on a daily and monthly basis the following for all inks, coatings, and thinners used at the facility (25 Pa Code §129.52d(f)(1)):

- (1) The following parameters for each coating, thinner, component and cleaning solvent as supplied:
 - (A) Name and identification number of the coating, thinner, other component or cleaning solvent;
 - (B) Volume used;
 - (C) Mix ratio;
 - (D) Density or specific gravity.
 - (E) Weight percent of total volatiles, water, solids and exempt solvents;
 - (F) Volume percent of total volatiles, water and exempt solvents for the applicable table of limits in Tables II of 25 Pa Code §129.52d;
 - (G) Volume percent of solids for the applicable table of limits in Tables VII of 25 Pa Code §129.52d.

- (2) The VOC content of each coating, thinner, component and cleaning solvent as applied.

(b) Alternately, the ink or coating with the highest VOC and HAP content may be used to represent all inks or coatings used at of each press in this group in emissions calculations.

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.**# 013 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The facility shall operate the BOU (C101) whenever a Sakurai press is operating.

(b) The Sakurai presses shall not be operated if the BOU (C101) is not operating as designed, malfunctioning or inoperable.

014 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

(a) The outlet of the BOU (C101) shall be monitored with a PID and if the outlet VOC concentration exceeds the limits, the Sakurai press shall shutdown automatically.

(b) In case the BOU (C101) malfunctions, the system shall automatically shut down all operating Sakurai presses.

015 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The BOU (C101) shall be maintained according to manufacturer's specifications and good pollution control practices.

**SECTION E. Source Group Restrictions.****# 016 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The PID shall be maintained and calibrated according to manufacturer's specifications.

017 [25 Pa. Code §129.52d]**Control of VOC emissions from miscellaneous metal parts surface coating processes, miscellaneous plastic parts surface coating processes and pleasure craft surface coatings.**

The facility shall comply with the following good work practices:

- (a) All VOC containing inks, coatings, thinner, cleaning solutions, fountain solutions, clean-up solvents and wastes must be stored in closed containers.
- (b) Closed container or pipe shall be used to move VOC containing material from one location to another.
- (c) Shop towels or other items used with VOC contain materials shall be stored in a closed container after use.
- (d) Potential to spill VOC containing materials shall be minimized and all spill cleaned up immediately.

VII. ADDITIONAL REQUIREMENTS.**# 018 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Equipment shall be provided so that at the request of the Department, the BOU inlet flow rate can be measured.

**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this State Only facility.

**SECTION G. Emission Restriction Summary.**

Source Id	Source Description		
101C	SAKURAI SILK SCREEN PRESS TAG #609		
Emission Limit			
0.340 Lbs/Hr	all group presses combined, post- control (C101)		VOC
1.480 Tons/Yr	all group presses combined, post- control (C101)		VOC
102C	SAKURAI SILK SCREEN PRESS W/ CAMERA TAG #614		
Emission Limit			
0.340 Lbs/Hr	all group presses combined, post- control (C101)		VOC
1.480 Tons/Yr	all group presses combined, post- control (C101)		VOC
104B	SAKURAI SILK SCREEN PRESS TAG #600		
Emission Limit			
0.340 Lbs/Hr	all group presses combined, post- control (C101)		VOC
1.480 Tons/Yr	all group presses combined, post- control (C101)		VOC

Site Emission Restriction Summary

Emission Limit		Pollutant
24.990 Tons/Yr	Combined HAP; 12 month rolling sum basis	Hazardous Air Pollutants
9.990 Tons/Yr	Single HAP; 12 month rolling sum basis	Hazardous Air Pollutants
24.990 Tons/Yr	12 month rolling sum basis	VOC

**SECTION H. Miscellaneous.**

#001. The following previously issued Operating Permit serves as the basis for certain terms and conditions set forth in this Permit: OP-46-0172 and General Plan Approval Permit No. 46-320-037GP.

#002. The Department has determined that the emissions from the following activities, excluding those indicated as site level requirements, in Section C, of this permit, do not require additional limitations, monitoring, or recordkeeping:

- (a) Emergency Generator rated at 130 kW, fired by natural gas. Authorized under RFD # 1421, 04/02/2010.
- (b) Storage and mixing area, emissions <1 ton/yr.
- (c) HP Indigo Digital Press, emissions < 1 ton/yr, RFD 8173, 12/17/2019.
- (d) 2- MC Quay HVAC 1MMBtu Heaters, exempt under 25 Pa. Code § 127.14(a)(1).
- (e) 4- Trane HVAC 0.8 MMBtu Heaters, exempt under 25 Pa. Code § 127.14(a)(1).
- (f) Trane HVAC 0.4 MMBtu Heater, exempt under 25 Pa. Code § 127.14(a)(1).
- (g) Dryer for 103B- (2) 0.5MMbtu natural gas burners, emissions < 0.5 ton/yr, exempt under 25 Pa. Code § 127.14(a)(2).
- (h) Dryer for 104B - (2) 0.75MMbtu natural gas burners, emissions < 0.5 ton/yr, exempt under 25 Pa. Code § 127.14(a)(2).

#003. This permit is being renewed under APS No. 547802; AUTH No. 847501. March 2011.

The following are being incorporated in this renewal:

- (a) Plan Approval 46-0172B for Source 101B, Sakurai Silk Screen Press.
- (b) General Permit 46-320-038GP for Source 110, 5-Color Heidelberg Lithographic Press.

#004. An Administrative Amendment is being processed to incorporate plan approval 46-0172C for Source 102B (Sakurai Silk Screen Press) into the facility's synthetic minor operating permit, 46-00172. APS No. 762066; AUTH No. 898224.

#005. This permit is being renewed under APS No. 762066; AUTH No. 1080378, November 2016.

#006. APS No. 762066; Authorization No. 1216336: The permit was opened for cause and revised through an administrative amendment to correct issues regarding the removal of sources (Source ID Nos. 101B, 104, 108, 109, and 110) from the permit because they are no longer at the facility; and correct for the addition of a new press (Source ID No. 111) that was permitted under GP7-46-0041 and should have been incorporated during the last renewal of the permit.

#007. APS No. 762066; Authorization No. 1222109: An administrative amendment is processed to incorporate the sources and requirements of general permit GP7-46-0044 for a 7-Color Heidelberg Press (Source 113) and general permit GP7-46-0045 for a 7-Color Heidelberg Press (Source 114). Since Sakurai Screen Press, Source 102B is being permitted under the requirements of Plan Approval 46-0172F, this source is being removed from the operating permit due to upgrade modifications under this administrative amendment and will be re-incorporated as new source when 46-0172F is incorporated.

#008. APS No. 762055; Authorization No. 1297660: An administrative amendment is processed to incorporate the sources and requirements of Plan Approval 46-0172F for four (4) Sakurai Silk Screen Presses (Source IDs 101C, 102C, 103B, and 104B) and a Granulated Activated Carbon w/Biological auto-cleaning Oxidation Unit (BOU) for control of emissions from Sakurai presses. In addition, Source 111 has been removed from the permit. Source 102B has underwent modifications and is now listed as Source 102C. Listings of Source 102B have been removed from inventory due to updating of source to 102C.

The following emissions sources have been removed from the facility as of 02/12/2020:

- (a) Metronics #4, emissions <1 ton/yr RFD# 46-A01-2333; approved for 8 colors under RFD # 1698, 08/30/2010.
- (b) Metronics #3, emissions <1 ton/yr, RFD# 46-A01-2161.
- (c) Metronics #1, RFD# 46-A01-2095.
- (d) Boiler rated at 100 HP(3.3 MMBTU/hr), using only Natural Gas (Holman Boiler Works)
- (e) Metronics #5, RFD # 1044, 08/20/2009; approved for 8 colors under RFD # 1698, 08/30/2010
- (f) Plate and Film Processing, emissions < 1 ton/yr, RFD# 46-A01-1968.
- (g) Source 111 - 6 Color Heidelberg Sheet Feed Press.

#009 APS No. 1022217; Authorization No. 1324722: Administrative amendment to change name from Gemalto, Inc. to Thales DIS USA, Inc. Thales acquired Gemalto in April 2019 but elected to operate their new subsidiary under the Gemalto name and tax ID until this amendment. Thales is retaining the tax ID number from Gemalto for the subsidiary. Only name has been changed. A Supplementary Compliance Review Form was submitted with amendment application. Additionally, the stack labeled S04 description was changed from Stack for Source 101B to Stack for Control C101 to reflect the current use of stack.

**SECTION H. Miscellaneous.**

#010 APS No. 1022217; Authorization No. 1346846. Renewal of State Only Synthetic Minor permit. During renewal, Source 103B was removed from the permit since it was removed from the facility.

Included in Section H of the permit is one HP Indigo 7900 Digital Printing Press, fully enclosed with imaging oil recovery as a new insignificant source from RFD 8173.

RFD 9433 has been issued for one HP Indigo 12000 Digital Printing Press, fully enclosed with imaging oil recovery as a new insignificant source.

RFD 9717 has been issued for a ZEP 35 gallon parts washer using only HP imaging oil as a solvent. The imaging oil has a vapor pressure of 0.3 mmHg at STP. Emissions from the parts washer are to be under 0.3 tpy. The parts washer has been added to Section D at the request of SERO AQ Operations group.

Note: Letter dated 10/26/2007 permits once per month malodor, fugitive and visible emissions monitoring. DEP states in letter that the Department reserves the right to change monitoring requirements.



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