



New York State Department of Environmental Conservation

ID: 1289900011

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

IDENTIFICATION INFORMATION

Air Title V Facility

Permit ID: 1-2899-00011/00018

Effective Date: 08/16/2006 Expiration Date: 08/15/2006

Permit Issued To: PHOTOCIRCUITS CORP

31 SEA CLIFF AVE.

GLEN COVE, NY 11542-3629

PHOTOCIRCUITS CORPORATION

31 SEA CLIFF AVE

GLEN COVE, NY 11542

Contact: CHARLES NEHRIG

31 SEACLIFF AVE

GLEN COVE, NY 11542

(516) 609-1052

Description:

The Photocircuits Corporation's Glen Cove Plant (PC) manufactures printed circuit boards used in computers, automobiles, phones, televisions, and a variety of other items. Manufacturing is conducted in five (5) buildings on the site. The PCB manufacturing industry (SIC 3672) uses numerous physical, chemical and electrochemical processes to cut, drill, clean, plate and etch metallic and non metallic subsurfaces. Regardless of whether chemical or electrochemical processes are used, almost all involve immersion of workpieces into a series of process baths with each step followed by a rinsing step. For example, a typical electroless copper plating process line at PC would involve:

- Solder stripping

2- Mild etching

ing and catalyzing

ss copper plating.

Each of these steps involve use of one or more process baths and each bath is followed by a rinsing step. These processes and the material usage and handling associated with them require close control and maintenance by production personnel. Key production parameters essential to maintaining product and quality during performance of these production steps include chemical balance within the process bath; chemical bath purity, continued chemical reaction on workplace surfaces between process bath steps, and rinse effectiveness between chemical baths.

Additional processes associated with circuit board manufacturing at PC include cleaning, soldering, and coating (solder masks and photoresist). Final circuit board assembly (i.e., insertion of components and placement into electronic equipment) is performed by the customer.

FINAL



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PC uses several air pollution control technologies to control air emissions. These include acid and caustic, and wet scrubbers, thermal oxidation, carbon filtration, and dust collection. Air pollution control equipment used at PC can be discussed according to several general manufacturing operations:

PROCESSING

Eight (8) cyclone dust collectors control emissions from various mechanical processing equipment (routers, drill, machines, etc) at the site.

RE CLEANING

Plating tanks are open baths; therefore acid and other volatiles may evaporate. In addition, circuit board are cleaned prior to several processes in a dilute sulfuric acid solution. Contaminants from these sources generally include nitric acid, sulfuric acid, acid, and copper. Emissions from plating/precleaning operations at PC re controlled by several acid, amine, spray tower, cross flow, and packed tower scrubbers.

SOLDERING

These lines apply solder to circuit boards. Flux and oil are applied to panel in four (4) enclosed units, and circuit boards are then passed through a bath of molten solder and a hot air knife leveling device. The soldering operations on each line are an enclosed process, and emissions are controlled by two (2) tatic precipitators.

COATING

Copper circuit boards are coated (rollercoating) with a photoresist coating that allows an image to be developed onto the board. Where the photoresist is exposed to light, it hardens and protects the underlying copper from being removed in the etching process. Innerlayer coatings (epoxies) are also applied between layers of boards. Solder mask is also applied to certain boards to protect certain areas from soldering. Curing of certain coatings is performed in final bake ovens. The various coating operations can generate Volatile Organic Compounds, VOC's, emissions which are destroyed by a regenerative thermal oxidizer, ROT, and a hybrid thermal oxidizer, HOT.

The ROT consists of two (2) installed chambers filled with a heat exchange media. The beds are separated by a central combustion chamber that includes a burner to bring the process stream to its final oxidation temperature. As airflow enters the first bed, heat is transferred from the media to cooler air. Preheated air then enters the combustion chamber. The hot air then enters the second bed where it transfers heat back to the media prior to discharge. The flow direction through the oxidizer is changed at control intervals.

In the HOT, exhaust gases are conveyed to an activated carbon adsorption/resorption unit and the clean air stream released. The carbon adsorption unit consists of two (2) carbon beds. When the on line carbon bed approaches breakthrough, the pollutant stream is re directed to the second carbon bed. Steam is then used to regenerate the saturated carbon bed by the collected VOC's. The concentrated VOC stream is

thermal oxidizer.

RIPPING (DES)



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Each DES consists of four (4) stages: 1) pre cleaning; 2) developing; 3) etching; 4) stripping. In each stage, boards are fed via a conveyor belt through several enclosed compartments where dilute chemical solutions are sprayed onto the boards. The developer removes the uncured photoresist coating from the imaged circuit board. Copper is then etched from portions of the board where the photoresist has been removed. The cured photoresist is then stripped from the board, exposing the etched copper pattern. All compartments from the first three (3) stages (preclean, developing, and etching) are vented to an acid scrubber, and the compartments from stripping are vented to an amine scrubber.

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified and any Special Conditions part of this permit.

Permit Administrator: **GEORGE W. HAMMARTH**
STATE UNIVERSITY CAMPUS, LOOP ROAD, BUILDING 40
STONY BROOK, NY 11790-2356

Authorized Signature: _____ Date: ___ / ___ / ____

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Notification of Other Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

The permittee expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees, agents, and assigns for all claims, suits, actions, damages, and costs of every name and description, arising out of or resulting from the permittee's undertaking of activities or operation and maintenance of the facility or facilities authorized by the permit in compliance or non-compliance with the terms

and conditions of the permit.

Item B: Permittee's Contractors to Comply with Permit

The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as

prescribed for the permittee.

Item C: Permittee Responsible for Obtaining Other Required Permits

The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

Item D: No Right to Trespass or Interfere with Riparian Rights

This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a

person not a party to the permit.

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LIST OF CONDITIONS

GENERAL CONDITIONS

General Provisions

Inspection by the Department

Relationship of this Permit to Other Department Orders and Determinations

Applications for Permit Renewals and Modifications

Permit Modifications, Suspensions, and Revocations by the Department

Facility Level

Submission of Applications for Permit Modification or Renewal-REGION 1

HEADQUARTERS



DEC GENERAL CONDITIONS

****** General Provisions ******

Condition 1: Facility Inspection by the Department
Applicable State Requirement: ECL 19-0305.

Item 1.1:

The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).

Item 1.2:

The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

Item 1.3:

A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

Condition 2: Relationship of this Permit to Other Department Orders and Determinations
Applicable State Requirement: ECL 3-0301.2(m)

Item 2.1:

Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

Condition 3: Applications for Permit Renewals and Modifications
Applicable State Requirement: 6NYCRR 621.13(a)

Item 3.1:

The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

Item 3.2:

The permittee must submit a renewal application at least 180 days before expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

Condition 4: Permit Modifications, Suspensions, and Revocations by the Department
Applicable State Requirement: 6NYCRR 621.14

Item 4.1:

The Department reserves the right to modify, suspend, or revoke this permit. The grounds for

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modification, suspension or revocation include:

- a) the scope of the permitted activity is exceeded or a violation of any condition of the permit or provisions of the ECL and pertinent regulations is found;
- b) the permit was obtained by misrepresentation or failure to disclose relevant facts;
- c) new material information is discovered; or
- d) environmental conditions, relevant technology, or applicable law or regulation have materially changed since the permit was issued.

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

Condition 5: Submission of Applications for Permit Modification or Renewal-REGION 1 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.5(a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 1 Headquarters
Division of Environmental Permits
SUNY Campus, Loop Road, Building 40
Stony Brook, NY 11790-2356
(631) 444-0365



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ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

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31 SEA CLIFF AVE
GLEN COVE, NY 11542

Contact: CHARLES NEHRIG
31 SEACLIFF AVE
GLEN COVE, NY 11542
(516) 609-1052

Authorized Activity By Standard Industrial Classification Code:
3672 - PRINTED CIRCUIT BOARDS



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

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- 40 Volatile organic compound emission control requirements
- 41 Compliance Certification (EU=U-00004,EP=00017,Proc=404)
- 42 Compliance Certification (EU=U-00004,EP=00081,Proc=403)
- 43 Compliance Certification (EU=U-00004,EP=00081,Proc=403)
- 44 Compliance Certification (EU=U-00004,EP=00082,Proc=403)
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Permit Effective Date: 08/16/2001

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FEDERALLY ENFORCEABLE CONDITIONS

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

Condition 1: Sealing

Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 200.5

Item 1.1:

(a) The commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the commissioner issued in the case of the violation. Sealing means labelling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

(b) No person shall operate any air contamination source sealed by the commissioner in accordance with this section unless a modification has been made which enables such source to comply with all requirements applicable to such modification.

(c) Unless authorized by the commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section

Condition 2: Acceptable ambient air quality

Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 200.6

Item 2.1:

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the commissioner shall specify the degree and/or method of emission control required.

Condition 3: Maintenance of equipment

Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 200.7

Item 3.1:

Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications, required to operate such device effectively.



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Condition 4: Unpermitted Emission Sources
Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 201-1.2

Item 4.1:

If an existing emission source was subject to the permitting requirements of 6NYCRR Part 201 at the time of construction or modification, and the owner and/or operator failed to apply for a permit for such emission source then the following provisions apply:

- (a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.
- (b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

Condition 5: Unavoidable Noncompliance and Violations
Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 201-1.4

Item 5.1:

At the discretion of the commissioner a violation of any applicable emission standard for necessary scheduled equipment maintenance, start-up/shutdown conditions and malfunctions or upsets may be excused if such violations are unavoidable. The following actions and recordkeeping and reporting requirements must be adhered to in such circumstances.

- (a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit or certificate issued for the corresponding air contamination source. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.
- (b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates.



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(c) The Department may also require the owner and/or operator to include in reports described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.

(d) In the event of maintenance, start-up/shutdown or malfunction conditions which result in emissions exceeding any applicable emission standard, the facility owner and/or operator shall take appropriate action to prevent emissions which will result in contravention of any applicable ambient air quality standard. Reasonably available control technology, as determined by the commissioner, shall be applied during any maintenance, start-up/shutdown or malfunction condition subject to this paragraph.

Condition 6: Emergency Defense
Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 201-1.5

Item 6.1:

An emergency constitutes an affirmative defense to an action brought for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

(a) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

(1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;

(2) The equipment at the permitted facility causing the emergency was at the time being properly operated;

(3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and

(4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

(b) In any enforcement proceeding, the facility owner and/or operator seeking to establish the occurrence of an emergency has the burden of proof.

(c) This provision is in addition to any emergency or upset provision contained in any applicable requirement.

Condition 7: Recycling and Salvage
Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 201-1.7



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Item 7.1:

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of 6 NYCRR.

Condition 8: Prohibition of Reintroduction of Collected Contaminants to the Air

Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 201-1.8

Item 8.1:

No person shall unnecessarily remove, handle, or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

Condition 9: Public Access to Recordkeeping for Title V facilities

Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 201-1.10(b)

Item 9.1:

The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.

Condition 10: Proof of Eligibility

Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 201-3.2(a)

Item 10.1:

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Condition 11: Proof of Eligibility

Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 201-3.3(a)

Item 11.1:

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart



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201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Condition 12: Applicable Criteria, Limits, Terms, Conditions and Standards
Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 201-6.

Item 12.1:

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

- i. Any reporting requirements and operations under an accidental release plan, response plan, and compliance plan as approved as of the date of the permit issuance, or
- ii. Any support documents submitted as a part of the permit application for this facility as accepted and approved as of the date of permit issuance.

Any noncompliance with the federally-enforceable portions of this permit constitutes a violation of the federal Clean Air Act and will be grounds for enforcement action, for permit termination, revocation and reissuance, or modification, or for denial of a permit renewal application.

Item 12.2:

Any document, including reports, required by the federally-enforceable portions of this permit shall contain a certification by the responsible official for this facility as set forth in Section 201-6.3 that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.

Condition 13: Cessation or Reduction of Permitted Activity Not a Defense
Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 201-6.

Item 13.1:

It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in order to maintain compliance with the conditions of this permit.

Condition 14: Compliance Requirements
Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 201-6.



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Item 14.1:

The following information must be included in any required compliance monitoring records and reports:

- i. The date, place and time of sampling or measurements;
- ii. The date(s) analyses were performed;
- iii. The company or entity that performed the analyses;
- iv. The analytical techniques or methods used including quality assurance and quality control procedures if required;
- v. The results of such analyses including quality assurance data where required; and
- vi. The operating conditions as existing at the time of sampling or measurement;

Any deviation from permit requirements must be clearly identified in all records and reports. Reports must be certified by the responsible official, consistent with Section 201-6.3 of Part 201.

Item 14.2:

The permittee shall comply with the approved compliance schedule for this permit if such a schedule is a part of this permit. Risk management plans must be submitted to the Administrator if required by Section 112(r) of the Clean Air Act for this facility.

Item 14.3:

Progress reports consistent with an applicable schedule of compliance must be submitted at least semiannually on a calendar year basis, or at a more frequent period if specified in the applicable requirement or by the Department elsewhere in this permit. These reports shall be submitted to the Department within 30 days after the end of a reporting period. Such progress reports shall contain the following:

- i. Dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and
- ardii. An explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

Condition 15: Federally-Enforceable Requirements
Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 201-6.

Item 15.1:

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



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only state regulations.

Condition 16: Fees

Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 201-6.

Item 16.1:

The permittee shall pay the required fees associated with this permit.

Condition 17: Monitoring, Related Recordkeeping and Reporting Requirements

Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 201-6.

Item 17.1:

Compliance monitoring and recordkeeping shall be conducted according to the terms and conditions contained in this permit and shall follow all quality assurance requirements. Records of all monitoring data and support information shall be retained for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

Condition 18: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements

Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 201-6.

Item 18.1:

This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not relieve the permittee from the requirement to comply with any condition contained in this permit.

The permittee shall furnish to the Department, within a reasonable time, any information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. The permittee shall also, on request, furnish the Department with copies of records required to be kept by the permit. Where information is claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

Condition 19: Permit Shield

Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 201-6.



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Item 19.1:

All permittees granted a Title V facility permit shall be covered under the protection of a permit shield. For those facilities for which a permit shield has been granted, compliance with the conditions of the permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that such applicable requirements are included and are specifically identified in the permit, or the Department, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the major stationary source, and the permit includes the determination or a concise summary thereof. Nothing herein shall preclude the Department from revising or revoking the permit pursuant to 6 NYCRR Part 621 or from exercising its summary abatement authority. Nothing in this permit shall alter or affect the following:

- i. The ability of the Department to seek to bring suit on behalf of the State of New York, or the Administrator to seek to bring suit on behalf of the United States, to immediately restrain any person causing or contributing to pollution presenting an imminent and substantial endangerment to public health, welfare or the environment to stop the emission of air pollutants causing or contributing to such pollution;
- ii. The liability of a permittee of the Title V facility for any violation of applicable requirements prior to or at the time of permit issuance;
- iii. The applicable requirements of Title IV of the Act;
- iv. The ability of the Department or the Administrator to obtain information from the permittee concerning the ability to enter, inspect and monitor the facility.

Condition 20: Property Rights

Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 201-6.

Item 20.1:

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

Condition 21: Reopening for Cause

Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 201-6.

Item 21.1:

This Title V permit shall be reopened and revised under any of the following circumstances:

- i. If additional applicable requirements under the Act become applicable where this permit's remaining term is three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the Department pursuant to the provisions of Part 201-6.7 and Part 621.



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ii. The Department or the Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.

iii. The Department or the Administrator determines that the Title V permit must be revised or reopened to assure compliance with applicable requirements.

iv. If the permitted facility is an "affected source" subject to the requirements of Title IV of the Act, and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.

Item 21.2:

Proceedings to reopen and issue Title V facility permits shall follow the same procedures as apply to initial permit issuance but shall affect only those parts of the permit for which cause to reopen exists.

Item 21.3:

Reopenings shall not be initiated before a notice of such intent is provided to the facility by the Department at least thirty days in advance of the date that the permit is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

i0

Condition 22: Right to Inspect

Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 201-6.

Item 22.1:

Upon presentation of credentials and other documents, as may be required by law, the permittee shall allow the Department or an authorized representative to perform the following:

i. Enter upon the permittee's premises where the permitted facility is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;

ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;

iii. Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and

iv. As authorized by the Act, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

Condition 23: Severability

Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 201-6.

Item 23.1:



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If any provisions, parts or conditions of this permit are found to be invalid or are the subject of a challenge, the remainder of this permit shall continue to be valid.

Condition 24: Emission Unit Definition
Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 201-6.

Item 24.1:

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

Emission Unit: U-00001

Emission Unit Description:

PLATING LINES. BROWN OXIDE LINES. DEVELOP
ETCH-STRIP LINES AND ASSOCIATED PRECLEAN
LINES.

Building(s): 01
02
03
04
07

Item 24.2:

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

Emission Unit: U-00002

Emission Unit Description:

MECHANICAL PROCESSING.

Building(s): 01
HAZEL

Item 24.3:

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

Emission Unit: U-00003

Emission Unit Description:

SOLDERING LINES AND ASSOCIATED OPERATIONS.

Building(s): 01
04

Item 24.4:

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

Emission Unit: U-00004

Emission Unit Description:

SOLDER MASK LINES AND ASSOCIATED
OPERATIONS.

Building(s): 01



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02
04
07

Item 24.5:

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

Emission Unit: U-00006

Emission Unit Description:

MISCELLANEOUS OPERATIONS.

Building(s): 01
BLR
CR
WT

Item 24.6:

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

Emission Unit: U-00007

Emission Unit Description:

FACILITY-WIDE FUGITIVE EMISSIONS.

Building(s): 01
02
03
04
07
BLR
CR
HAZEL

Condition 25: Compliance Certification

Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 201-6.5(c)(3)

Item 25.1:

The Compliance Certification activity will be performed for the Facility.

Item 25.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

To meet the requirements of this facility permit with respect to reporting, the permittee must:

Submit reports of any required monitoring at a minimum frequency of every 6 months, based on a calendar year

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reporting schedule. These reports shall be submitted to the Department within 30 days after the end of a reporting period. All instances of deviations from permit requirements must be clearly identified in such reports. All required reports must be certified by the responsible official for this facility.

In the case of any condition contained in this permit with a reporting requirement of "Upon request by regulatory agency" the permittee shall include in the semiannual report, a statement for each such condition that the monitoring or recordkeeping was performed as required or requested and a listing of all instances of deviations from these requirements.

In the case of any emission testing performed during the previous six month reporting period, either due to a request by the Department, EPA, or a regulatory requirement, the permittee shall include in the semiannual report a summary of the testing results and shall indicate whether or not the Department or EPA has approved the results.

All semiannual reports shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Compliance Monitoring and Enforcement (BCME) in the DEC central office). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.5(e), contained elsewhere in this permit.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

Condition 26: Compliance Certification
Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 201-6.5(e)

Item 26.1:

The Compliance Certification activity will be performed for the Facility.

Item 26.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

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Monitoring Description:

Compliance certifications shall contain the following information:

- the identification of each term or condition of the permit that is the basis of the certification;
 - the compliance status;
 - whether compliance was continuous or intermittent;
 - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
 - such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions;
- and
- such additional requirements as may be specified elsewhere in this permit related to compliance certification.

Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.

All compliance certifications shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Compliance Monitoring and Enforcement (BCME) in the DEC central office). Please send annual compliance certifications to Chief of the Stationary Source Compliance Section, the Region 2 EPA representative for the Administrator, at the following address:

USEPA Region 2
Air Compliance Branch
290 Broadway
New York, NY 10007-1866

The address for the RAPCE is as follows:

NYSDEC
SUNY Campus
Building 40



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Stony Brook, NY 11790-2356

The address for the BCME is as follows:

NYSDEC
Bureau of Compliance Monitoring
and Enforcement
625 Broadway
Albany, NY 12233-3258

Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after previous reporting period

Condition 27: Permit Exclusion Provisions
Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 201-6.5(g)

Item 27.1:

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any currently pending or future legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR), and particularly any such enforcement action as may be authorized pursuant to 6 NYCRR 201-1.2 and 6 NYCRR 201-6.5(g).

The issuance of this permit by the Department and the receipt thereof by the Applicant does not supercede, revoke or rescind an order or modification thereof on consent or determination by the Commissioner issued heretofore by the Department or any of the terms, conditions or requirements contained in such order or modification thereof unless specifically intended by this permit.

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting the right of the Department to bring any future action, or pursue any pending action, either administrative or judicial, to required remediation, contribution for costs incurred or funds expended, for any violations, past, present or future, known or unknown, of applicable federal law, the ECL, or the rules and regulations promulgated thereunder, or conditions contained in any other licenses or permits issued to the Applicant and not addressed in this permit.

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting the right of the Department to pursue any claims for natural resource damages against the Applicant.

Condition 28: Non Applicable requirements
Effective between the dates of 08/16/2001 and 08/15/2006



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Applicable Federal Requirement: 6NYCRR 201-6.5(g)

Item 28.1:

This section contains a summary of those requirements that have been specifically identified as being not applicable to this facility and/or emission units, emission points, processes and/or emission sources within this facility. The summary also includes a justification for classifying any such requirements as non-applicable.

Condition 29: Required emissions tests

Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 202-1.1

Item 29.1:

An acceptable report of measured emissions shall be submitted, as may be required by the commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation. Failure to submit a report acceptable to the commissioner within the time stated shall be sufficient reason for the commissioner to suspend or deny an operating permit. Notification and acceptable procedures are specified in 6NYCRR Part 202-1.

Condition 30: Compliance Certification

Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 202-2.1

Item 30.1:

The Compliance Certification activity will be performed for the Facility.

Item 30.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due by April 15th for previous calendar year

Condition 31: Recordkeeping requirements

Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 202-2.5

Item 31.1:

(a) The following records shall be maintained for at least five years:



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- (1) a copy of each emission statement submitted to the department; and
 - (2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.
- (b) These records shall be made available at the facility to the representatives of the department upon request during normal business hours.

Condition 32: Visible emissions limited.
Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 211.3

Item 32.1:

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

Condition 33: Open Fires Prohibited at Industrial and Commercial Sites
Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 215.

Item 33.1:

No person shall burn, cause, suffer, allow or permit the burning in an open fire of garbage, rubbish for salvage, or rubbish generated by industrial or commercial activities.

Condition 34: Compliance Certification
Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 228.5(a)

Item 34.1:

The Compliance Certification activity will be performed for the Facility.

Item 34.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Certification from the coating supplier/manufacturer which verifies the parameters used to determine the actual VOC content of the as applied coating, for each coating used at the facility, must be maintained and, upon request, be provided to the departments representative. In addition, purchase, usage and/or production records of



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the coating material, including solvents, must be maintained and, upon request, be submitted to the department. Records must be maintained at the facility for a period of five years.

Reporting Requirements: ANNUALLY 0(CALENDAR)
Reports due 30 days after previous reporting period

Condition 35: Handling, storage, and disposal of volatile organic compounds
Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 228.10

Item 35.1:

No owner or operator of a facility subject to 6NYCRR Part 228 shall:

- (a) use open containers to store or dispose of cloth or paper impregnated with VOC and/or solvents that are used for surface preparation, cleanup, or coating removal;
- (b) store in open containers spent or fresh VOC and/or solvents to be used for surface preparation, cleanup, or coating removal;
- (c) use VOC and/or solvents to cleanup spray equipment unless equipment is used to collect the cleaning compounds and to minimize their evaporation to the atmosphere;
- (d) use open containers to store or dispense surface coatings and/or inks unless production, sampling, maintenance, or inspection procedures require operational access. This provision does not apply to the actual device or equipment designed for the purpose of applying a coating material to a substrate; or
- (e) use open containers to store or dispose of spent surface coatings, spent VOCs and/or solvents.

Condition 36: Recycling and Emissions Reduction
Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 40CFR 82, Subpart F

Item 36.1:

The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for MVAC's in Subpart B:

- a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR Part 82.156.
- b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR Part 82.158.
- c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR Part 82.161.
- d. Persons disposing of small appliances, MVAC's, and MVAC-like appliances must comply with



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recordkeeping requirements pursuant to 40 CFR Part 82.166. ("MVAC-like appliance as defined at 40 CFR Part 82.152)

e. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR Part 82.156.

f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR Part 82.166.

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

**Condition 37: Emission Point Definition By Emission Unit
Effective between the dates of 08/16/2001 and 08/15/2006**

Applicable Federal Requirement: 6NYCRR 201-6.

Item 37.1:

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

Emission Unit: U-00001

Emission Point: 00015

Height (ft.): 37 Length (in.): 24 Width (in.): 26
NYTMN (km.): 4523. NYTME (km.): 616.2 Building: 01

Emission Point: 00016

Height (ft.): 23 Diameter (in.): 32
NYTMN (km.): 4523. NYTME (km.): 616.2 Building: 01

Emission Point: 00018

Height (ft.): 24 Diameter (in.): 26
NYTMN (km.): 4523. NYTME (km.): 616.2 Building: 01

Emission Point: 00024

Height (ft.): 27 Length (in.): 12 Width (in.): 14
NYTMN (km.): 4523. NYTME (km.): 616.2 Building: 02

Emission Point: 00025

Height (ft.): 27 Diameter (in.): 12
NYTMN (km.): 4523. NYTME (km.): 616.2 Building: 02

Emission Point: 00028

Height (ft.): 26 Diameter (in.): 13
NYTMN (km.): 4523. NYTME (km.): 616.2 Building: 01

Emission Point: 00029

Height (ft.): 14 Diameter (in.): 12



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NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 01
Emission Point: 00040		
Height (ft.): 32	Diameter (in.): 12	
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 01
Emission Point: 00057		
Height (ft.): 16	Length (in.): 33	Width (in.): 29
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 03
Emission Point: 00058		
Height (ft.): 16	Length (in.): 33	Width (in.): 29
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 03
Emission Point: 00059		
Height (ft.): 33	Diameter (in.): 10	
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 02
Emission Point: 00061		
Height (ft.): 29	Length (in.): 12	Width (in.): 12
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 02
Emission Point: 00064		
Height (ft.): 22	Length (in.): 10	Width (in.): 9
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 01
Emission Point: 00065		
Height (ft.): 19	Length (in.): 10	Width (in.): 9
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 01
Emission Point: 00071		
Height (ft.): 52	Diameter (in.): 36	
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 04
Emission Point: 00072		
Height (ft.): 52	Diameter (in.): 36	
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 04
Emission Point: 00073		
Height (ft.): 58	Length (in.): 12	Width (in.): 12
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 04
Emission Point: 00074		
Height (ft.): 62	Length (in.): 18	Width (in.): 20
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 04
Emission Point: 00075		
Height (ft.): 20	Diameter (in.): 18	



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NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 01
Emission Point: 00078		
Height (ft.): 59	Diameter (in.): 33	
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 04
Emission Point: 00084		
Height (ft.): 35	Length (in.): 23	Width (in.): 18
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 07
Emission Point: 00085		
Height (ft.): 35	Length (in.): 22	Width (in.): 20
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 07
Emission Point: 00086		
Height (ft.): 35	Length (in.): 18	Width (in.): 20
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 07
Emission Point: 00087		
Height (ft.): 35	Length (in.): 12	Width (in.): 12
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 07
Emission Point: 00092	Removal Date: 07/01/1998	
Height (ft.): 27	Diameter (in.): 24	
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 02
Emission Point: 00093		
Height (ft.): 11	Length (in.): 23	Width (in.): 18
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 01
Emission Point: 00094		
Height (ft.): 68	Length (in.): 60	Width (in.): 48
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 04

Item 37.2:

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

Emission Unit: U-00002

Emission Point: 00003

Height (ft.): 18	Diameter (in.): 6	
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 01

Emission Point: 00004

Height (ft.): 18	Diameter (in.): 6	
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 01

Emission Point: 00053



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Height (ft.): 4 NYTMN (km.): 4523.	Diameter (in.): 6 NYTME (km.): 616.2	Building: HAZEL
Emission Point: 00054 Height (ft.): 4 NYTMN (km.): 4523.	Diameter (in.): 6 NYTME (km.): 616.2	Building: HAZEL
Emission Point: 00055 Height (ft.): 4 NYTMN (km.): 4523.	Diameter (in.): 6 NYTME (km.): 616.2	Building: HAZEL
Emission Point: 00070 Height (ft.): 19 NYTMN (km.): 4523.	Diameter (in.): 18 NYTME (km.): 616.2	Building: 01
Emission Point: 00076 Height (ft.): 9 NYTMN (km.): 4523.	Diameter (in.): 14 NYTME (km.): 616.2	Building: HAZEL
Emission Point: 00080 Height (ft.): 19 NYTMN (km.): 4523.	Diameter (in.): 18 NYTME (km.): 616.2	Building: 01
Emission Point: 00100 Height (ft.): 19 NYTMN (km.): 4523.	Diameter (in.): 18 NYTME (km.): 616.2	Building: HAZEL

Item 37.3:

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

Emission Unit: U-00003		
Emission Point: 00001 Height (ft.): 26 NYTMN (km.): 4523.	Diameter (in.): 13 NYTME (km.): 616.2	Building: 01
Emission Point: 00069 Height (ft.): 22 NYTMN (km.): 4523.	Length (in.): 18 NYTME (km.): 616.2	Width (in.): 26 Building: 01
Emission Point: 00079 Height (ft.): 60 NYTMN (km.): 4523.	Length (in.): 16 NYTME (km.): 616.2	Width (in.): 21 Building: 04

Item 37.4:

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

Emission Unit: U-00004



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Emission Point: 00005		
Height (ft.): 36	Length (in.): 16	Width (in.): 16
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 01
Emission Point: 00006		
Height (ft.): 36	Length (in.): 16	Width (in.): 16
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 01
Emission Point: 00007		
Height (ft.): 36	Length (in.): 16	Width (in.): 16
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 01
Emission Point: 00017		
Height (ft.): 17	Diameter (in.): 24	
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 02
Emission Point: 00023		
Height (ft.): 17	Length (in.): 15	Width (in.): 13
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 01
Emission Point: 00041		
Height (ft.): 22	Length (in.): 10	Width (in.): 12
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 01
Emission Point: 00043		
Height (ft.): 26	Diameter (in.): 12	
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 01
Emission Point: 00046		
Height (ft.): 22	Diameter (in.): 12	
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 01
Emission Point: 00048	Removal Date: 09/01/1998	
Height (ft.): 12	Diameter (in.): 6	
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 02
Emission Point: 00049	Removal Date: 09/01/1998	
Height (ft.): 12	Diameter (in.): 6	
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 02
Emission Point: 00081 0		
Height (ft.): 20	Diameter (in.): 34	
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 04
Emission Point: 00082		
Height (ft.): 60	Diameter (in.): 28	
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 04



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Emission Point: 00083			
Height (ft.): 54	Length (in.): 48	Width (in.): 23	
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 04	
Emission Point: 00088			
Height (ft.): 20	Diameter (in.): 34		
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 07	
Emission Point: 00089			
Height (ft.): 60	Diameter (in.): 28		
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 07	
Emission Point: 00095			
Height (ft.): 28	Diameter (in.): 36		
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 01	
Emission Point: 00096			
Height (ft.): 18	Diameter (in.): 18		
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 01	
Emission Point: 00097			
Height (ft.): 23	Diameter (in.): 36		
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 01	

Item 37.5:

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

Emission Unit: U-00006			
Emission Point: 00013			
Height (ft.): 27	Diameter (in.): 10		
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: CR	
Emission Point: 00014			
Height (ft.): 27	Diameter (in.): 24		
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: CR	
Emission Point: 00019			
Height (ft.): 21	Diameter (in.): 25		
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: 01	
Emission Point: 00020			
Height (ft.): 30	Diameter (in.): 32		
NYTMN (km.): 4523.	NYTME (km.): 616.2	Building: BLR	
Emission Point: 00021			
Height (ft.): 30	Diameter (in.): 32		



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NYTMN (km.): 4523. NYTME (km.): 616.2 Building: BLR

Emission Point: 00068

Height (ft.): 29

Diameter (in.): 8

NYTMN (km.): 4523.

NYTME (km.): 616.2

Building: WT

Emission Point: 00077

Height (ft.): 5

Diameter (in.): 16

NYTMN (km.): 4523.

NYTME (km.): 616.2

Building: CR

**Condition 38: Process Definition By Emission Unit
Effective between the dates of 08/16/2001 and 08/15/2006**

Applicable Federal Requirement: 6NYCRR 201-6.

Item 38.1:

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

Emission Unit: U-00001

Process: 101

Source Classification Code: 3-13-030-01

Process Description:

Plating.

Copper reduction (PTH) Buildings 1 and 4.

Gold Plating Buildings 1 and 4.

HALCO 4 Preclean.

PAL Buildings 3 and 4.

Palladium Line.

CEMCO preclean.

Brown Oxide Lines.

ENTEC Line.

Ni/Au Buildings 1 and 2.

Emission Source/Control: 1011B - Control

Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 1011C - Control

Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 1031B - Control

Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 1041B - Control

Control Type: PACKED-GAS ABSORPTION SYSTEM

n0 Emission Source/Control: 1042B - Control

Control Type: PACKED-GAS ABSORPTION SYSTEM



Emission Source/Control: 1043B - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 1061B - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 1062B - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 1071B - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 1091B - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 1091C - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 1111B - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 1131B - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 1131C - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 1311B - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 1011A - Process

Emission Source/Control: 1031A - Process

Emission Source/Control: 1041A - Process

Emission Source/Control: 1042A - Process

Emission Source/Control: 1043A - Process

Emission Source/Control: 1051A - Process

Emission Source/Control: 1061A - Process

Emission Source/Control: 1062A - Process

Emission Source/Control: 1071A - Process

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Emission Source/Control: 1081A - Process

Emission Source/Control: 1091A - Process

Emission Source/Control: 1093A - Process

Emission Source/Control: 1101A - Process

Emission Source/Control: 1111A - Process

Emission Source/Control: 1121A - Process

Emission Source/Control: 1131A - Process

Item 38.2:

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

Emission Unit: U-00001

Process: 102

Source Classification Code: 3-13-030-01

Process Description:

Developing/Etching/Stripping, DES.
DES Lines 1 thru 10
DES Preclean Lines 4 thru 10.
Acrylic Mask (Aqueous Unit).
Solder Strip.
Multilayer Preclean.
LeaRonal Mask (Aqueous Unit).
Strip Etch Line.

Emission Source/Control: 1021B - Control

Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 1021C - Control

Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 1042B - Control

Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 1091B - Control

Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 1111B - Control

Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 1211B - Control

Control Type: PACKED-GAS ABSORPTION SYSTEM



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Emission Source/Control: 1212B - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 1221B - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 1222B - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 1232B - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 1241B - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 1291B - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 1301B - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 1311B - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 1312B - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 1371B - Control Control Type: PACKED-GAS
ABSORPTION SYSTEM

Emission Source/Control: 1021A - Process

Emission Source/Control: 1211A - Process

Emission Source/Control: 1212A - Process

Emission Source/Control: 1213A - Process

Emission Source/Control: 1221A - Process

Emission Source/Control: 1222A - Process

Emission Source/Control: 1231A - Process

Emission Source/Control: 1232A - Process

Emission Source/Control: 1241A - Process



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Emission Source/Control: 1242A - Process

Emission Source/Control: 1243A - Process

Emission Source/Control: 1251A - Process

Emission Source/Control: 1252A - Process

Emission Source/Control: 1253A - Process

Emission Source/Control: 1261A - Process

Emission Source/Control: 1262A - Process

Emission Source/Control: 1263A - Process

Emission Source/Control: 1271A - Process

Emission Source/Control: 1311A - Process

Emission Source/Control: 1321A - Process

Emission Source/Control: 1322A - Process

Emission Source/Control: 1331A - Process

Emission Source/Control: 1332A - Process

Emission Source/Control: 1341A - Process

Emission Source/Control: 1342A - Process

Emission Source/Control: 1361A - Process

Item 38.3:

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

Emission Unit: U-00002

Process: 201

Source Classification Code: 3-13-030-01

Process Description:

Routing Area 1 Cyclone.

Scoring Area Cyclones.

Routing Area, and De-Web Tables Cyclone.

Drill Machine Cyclones.

Emission Source/Control: 2011A - Control

Control Type: SINGLE CYCLONE



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Facility DEC ID: 1289900011

Emission Source/Control: 2021A - Control
Control Type: SINGLE CYCLONE

Emission Source/Control: 2022A - Control
Control Type: SINGLE CYCLONE

Emission Source/Control: 2031A - Control
Control Type: SINGLE CYCLONE

Emission Source/Control: 2041A - Control
Control Type: SINGLE CYCLONE

Emission Source/Control: 2042A - Control
Control Type: SINGLE CYCLONE

Emission Source/Control: 2043A - Control
Control Type: SINGLE CYCLONE

Emission Source/Control: 2044A - Control
Control Type: SINGLE CYCLONE

Emission Source/Control: 2045A - Control
Control Type: SINGLE CYCLONE

Emission Source/Control: 2011B - Process

Item 38.4:

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

Emission Unit: U-00003

Process: 301

Source Classification Code: 3-13-030-01

Process Description:

Halco 2 Precleaner and Solder Unit.

Halco 3 Precleaner and Solder Unit.

Halco 4 Solder Unit.

Cemco 1 and 2 Solder Units.

Solder Reflow Line Precleaner.

Emission Source/Control: 3011B - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: 3012B - Control
Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: 3012C - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: 3041B - Control



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Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: 3011A - Process

Emission Source/Control: 3012A - Process

Emission Source/Control: 3021A - Process

Emission Source/Control: 3022A - Process

Emission Source/Control: 3031A - Process

Emission Source/Control: 3041A - Process

Emission Source/Control: 3051A - Process

Item 38.5:

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

Emission Unit: U-00004

Process: 401

Source Classification Code: 4-02-999-95

Process Description:

Screen Mask Building 1.

Quincy Ovens.

BASSI Ovens.

Steam Cure Ovens.

Ink Screening Mixing Hood.

Screen Wash Hood.

Emission Source/Control: 4011A - Process

Emission Source/Control: 4012A - Process

Emission Source/Control: 4013A - Process

Emission Source/Control: 4021A - Process

Emission Source/Control: 4022A - Process

Emission Source/Control: 4031A - Process

Emission Source/Control: 4032A - Process

Emission Source/Control: 4071A - Process

Emission Source/Control: 4081A - Process

Item 38.6:



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

Emission Unit: U-00004
Process: 402
Process Description: CIBA Mask Building 2
CIBA Processing.

Source Classification Code: 4-02-999-95

Emission Source/Control: 4041B - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: 4041A - Process

Emission Source/Control: 4042A - Process

Emission Source/Control: 4043A - Process

Emission Source/Control: 4044A - Process

Emission Source/Control: 4045A - Process

Item 38.7:

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

Emission Unit: U-00004
Process: 403
Process Description:
Acrylic Mask & Liquid Innerlayer Building 4.
Acrylic Mask (VOC).
Liquid Innerlayer Rollercoat Ovens Building 4.

Source Classification Code: 4-02-999-95

Emission Source/Control: 4051B - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: 4052A - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: 4052B - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: 4051A - Process

Emission Source/Control: 4053A - Process

Emission Source/Control: 4091A - Process

Item 38.8:

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



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Emission Unit: U-00004

Process: 404

Source Classification Code: 4-02-999-95

Process Description:

Liquid Innerlayer Building 7.

Liquid Innerlayer Rollercoat Ovens Building7

Emission Source/Control: 4062B - Control

Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: 4063B - Control

Control Type: THERMAL OXIDATION

Emission Source/Control: 4062A - Process

Item 38.9:

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

Emission Unit: U-00006

Process: 601

Source Classification Code: 3-13-030-01

Process Description: PTH PLATING PREPARATION (DESMEAR).

Emission Source/Control: 6011B - Control

Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 6011A - Process

Item 38.10:

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

Emission Unit: U-00006

Process: 602

Source Classification Code: 3-13-030-01

Process Description: QUINCY OVEN PRECLEAN.

Emission Source/Control: 6011B - Control

Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 6021A - Process

Item 38.11:

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

Emission Unit: U-00006

Process: 603

Source Classification Code: 1-02-006-02

Process Description: BOILERS.

Emission Source/Control: 6031A - Combustion

Design Capacity: 12.5 million Btu per hour



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Facility DEC ID: 1289900011

i0 Emission Source/Control: 6032A - Combustion
Design Capacity: 12.5 million Btu per hour

Item 38.12:

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

Emission Unit: U-00006
Process: 604 Source Classification Code: 4-07-999-97
Process Description: CHEMICAL RECOVERY.

Emission Source/Control: 6041B - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: 6042B - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 6044B - Control
Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: 6041A - Process

Emission Source/Control: 6042A - Process

Emission Source/Control: 6044A - Process

Item 38.13:

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

Emission Unit: U-00006
Process: 605 Source Classification Code: 3-90-001-89
Process Description: #2 FUEL OIL TANK.

Emission Source/Control: 6051A - Process

Item 38.14:

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

Emission Unit: U-00006
Process: 606 Source Classification Code: 5-03-007-02
Process Description: Waste Treatment

Emission Source/Control: 6061A - Control
Control Type: WET SCRUBBER

Emission Source/Control: 6061B - Control
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)



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Emission Source/Control: 6011A - Process

Item 38.15:

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

Emission Unit: U-00007

Process: 701

Source Classification Code: 3-13-035-02

Process Description:

FUGITIVE EMISSIONS FROM MISCELLANEOUS
CLEANING SOLVENT USAGE THROUGHOUT THE
FACILITY.

Emission Source/Control: 7011A - Process

Condition 39: Compliance Certification

Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 212.11(b)(1)

Item 39.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00004

Regulated Contaminant:

CAS No: 0NY998-00-0

Name: VOC

Item 39.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Electronic records of thermocouple at combustion
chamber-continuous during desorption cycle.

Parameter Monitored: TEMPERATURE

Lower Limit of Monitoring: 1500 degrees Fahrenheit

Upper Limit of Monitoring: 2000 degrees Fahrenheit

Reference Test Method: NA

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

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

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 09/14/2002 for the period 08/16/2001 through 08/15/2002

Condition 40: Volatile organic compound emission control requirements



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Facility DEC ID: 1289900011

Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 228.3(a)

Item 40.1:

This Condition applies to Emission Unit: U-00004

Item 40.2:

No person shall cause or allow the usage of coatings that exceed the allowable pounds of volatile organic compounds per gallon, minus water and excluded VOC at application, as specified in table 1 and table 2 of Part 228, unless an approved coating system or approved control equipment is utilized or a variance has been granted.

In the absence of an approved coating system, approved control equipment or a variance, surface coating of only those materials specified in conditions of this permit citing Tables 1 and 2 in Sections 228.7 and 228.8 shall be allowed.

Condition 41: Compliance Certification

Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 212.11(b)(1)

Item 41.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00004 Emission Point: 00017
Process: 404

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

Item 41.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:
Temperature chamber strip recorder on the thermal
oxidizer

46 Parameter Monitored: TEMPERATURE
Lower Limit of Monitoring: 1500 degrees Fahrenheit
Upper Limit of Monitoring: 2000 degrees Fahrenheit
Reference Test Method: NA
Monitoring Frequency: CONTINUOUS
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED



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VALUE AT ANY TIME

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 09/14/2002 for the period 08/16/2001 through 08/15/2002

Condition 42: Compliance Certification
Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 212.11(b)(3)

Item 42.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00004 Emission Point: 00081
Process: 403

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

Item 42.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:
Electronic records of thermocouple of combustion
chamber-continuous during desorption cycle.

Parameter Monitored: VOC
Lower Limit of Monitoring: 1500 degrees Fahrenheit
Upper Limit of Monitoring: 2000 degrees Fahrenheit
Reference Test Method: NA
Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION
Averaging Method: AVERAGING METHOD - SEE MONITORING
DESCRIPTION
Reporting Requirements: ANNUALLY (ANNIVERSARY)
Initial Report Due: 09/14/2002 for the period 08/16/2001 through 08/15/2002

Condition 43: Compliance Certification
Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 212.11(b)(3)

Item 43.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00004 Emission Point: 00081



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Facility DEC ID: 1289900011

Process: 403

Regulated Contaminant:

CAS No: 0NY998-00-0

Name: VOC

Item 43.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Periodic (routine) monitoring of granular activated
carbon bed inlet and outlet hydrocarbons by flame
ionization detector

Lower Limit of Monitoring: 95.1 percent reduction by weight
(corrected to 7% O₂, dry basis)

Upper Limit of Monitoring: 100 percent reduction by weight
(corrected to 7% O₂, dry basis)

Reference Test Method: FID

Monitoring Frequency: QUARTERLY

Averaging Method: AVERAGING METHOD - SEE MONITORING
DESCRIPTION

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 09/14/2002 for the period 08/16/2001 through 08/15/2002

Condition 44: Compliance Certification

Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 212.11(b)(1)

Item 44.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00004 Emission Point: 00082

Process: 403

Regulated Contaminant:

CAS No: 0NY998-00-0

Name: VOC

Item 44.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:



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Facility DEC ID: 1289900011

Electronic records of thermocouple at combustion chamber-continuous during desorption cycle.

Parameter Monitored: TEMPERATURE
Lower Limit of Monitoring: 1500 degrees Fahrenheit
Upper Limit of Monitoring: 2000 degrees Fahrenheit
Reference Test Method: NA
Monitoring Frequency: CONTINUOUS
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 45: Compliance Certification
Effective between the dates of 08/16/2001 and 08/15/2006

Applicable Federal Requirement: 6NYCRR 212.11(b)(1)

Item 45.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00004 Emission Point: 00082
Process: 403

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

Item 45.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:
Temperature chamber strip recorder on the thermal oxidizer (used to oxidize VOC's during carbon bed regeneration).

Parameter Monitored: TEMPERATURE
Lower Limit of Monitoring: 1500 degrees Fahrenheit
Upper Limit of Monitoring: 2000 degrees Fahrenheit
Reference Test Method: NA
Monitoring Frequency: CONTINUOUS
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME
Reporting Requirements: ANNUALLY (ANNIVERSARY)
Initial Report Due: 09/14/2002 for the period 08/16/2001 through 08/15/2002



STATE ONLY ENFORCEABLE CONDITIONS
****** Facility Level ******

Condition 46: General Provisions
Effective between the dates of 08/16/2001 and 08/15/2006

Applicable State Requirement: 6NYCRR 201-5.

Item 46.1:

This section contains terms and conditions that are not federally enforceable and are not required under the Act or under any of its applicable requirements. Terms and conditions so designated are not subject to the requirements of Section 201-6.4 of Part 201.

Item 46.2:

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

Item 46.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Condition 47: Contaminant List
Effective between the dates of 08/16/2001 and 08/15/2006

Applicable State Requirement: 6NYCRR 201-5.3(b)

Item 47.1:

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

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

Condition 48: Air pollution prohibited
Effective between the dates of 08/16/2001 and 08/15/2006

Applicable State Requirement: 6NYCRR 211.2

Item 48.1:



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No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.