

**New York State Department of Environmental Conservation**  
**Facility DEC ID: 3551800242**



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

**IDENTIFICATION INFORMATION**

Permit Type: Title V Facility Permit  
Permit ID: 3-5518-00242/00019  
Effective Date: 10/24/2000 Expiration Date: 10/23/2005

Permit Issued To: STEWART STAMPING CORP  
630 CENTRAL PARK AVE  
YONKERS, NY 10704-2018

Contact: PHILIP REJESKI  
630 CENTRAL PARK AVENUE  
YONKERS, NY 10704-2000  
(914) 965-0816

Facility: STEWART STAMPING CORP  
630 CENTRAL PARK AVE  
YONKERS, NY 10701

Contact: PHILIP REJESKI  
630 CENTRAL PARK AVENUE  
YONKERS, NY 10704-2000  
(914) 965-0816

**Description:**

Stewart Stamping has SIC codes of 3471 and 3469. The facility is a major source for halogenated and hazardous air pollutants such as cyanide, tin, copper, nickel, silver, zinc, 1,1,1-trichloroethylene, and methylene chloride.

**The facility operations include:**

(a) metal plating of precision metal components. Elements used in the plating process comprise tin, tin/lead 60/40, copper, nickel, silver, and zinc. There are no controls associated with these processes.

(b) degreasing of metal parts prior to plating. The degreasing process is performed using various types of degreasers and chemicals such as trichloroethylene and methylene chloride. Emission units include batch and in-line vapor and in-line cold degreasers. Controls associated with the degreasing process include refrigerations devices, condensers and carbon adsorbers. The degreasing equipment are NESHAP and MACT compliant.

(c) combustion operations. Four (4) internal combustion engines are employed for the operation of air compressors associated with pneumatic machinery such as metal stampers. The engines, rated at 195 HP each, are exempt sources as their mechanical power is below the 225 HP threshold.

(d) additional combustion sources, used for heating of the facility, include two boilers with heat input capacity smaller than 10 mmbtu/hr and are exempt.

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The facility is regulated by 6NYCRR parts 200, 201-6, 211, 212, 215, 225-1, 226, and 40 CFR 63 T, and 82 F.

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

Permit Administrator:      ROBERT J. STANTON  
   21 SOUTH PUTT CORNERS ROAD  
   NEW PALTZ, NY 12561-1696

Authorized Signature: \_\_\_\_\_ Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_\_



**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 those prescribed for the permittee.

**Item C: Permittee Responsible for Obtaining Other Required Permits**

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

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

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



**LIST OF CONDITIONS**

**DEC GENERAL CONDITIONS**

**General Provisions**

Facility Inspection by the Department

Relationship of this Permit to Other Department Orders and Determinations

Applications for Permit Renewals and Modifications

Permit Modifications, Suspensions, and Revocations by the Department

**Facility Level**

Submission of Applications for Permit Modification or Renewal-REGION 3

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 3 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 3 Headquarters  
Division of Environmental Permits  
21 South Putt Corners Road  
New Paltz, NY 12561-1696  
(845) 256-3054

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

**ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT**

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YONKERS, NY 10701

Contact: PHILIP REJESKI  
630 CENTRAL PARK AVENUE  
YONKERS, NY 10704-2000  
(914) 965-0816

Authorized Activity By Standard Industrial Classification Code:  
3469 - METAL STAMPINGS, NEC  
3471 - ELECTROPLATING,POLISHING,ANODIZING, AND COLORING

Permit Effective Date: 10/24/2000

Permit Expiration Date: 10/23/2005



**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 1 Sealing
- 2 Acceptable ambient air quality
- 3 Maintenance of equipment
- 4 Unpermitted Emission Sources
- 5 Unavoidable Noncompliance and Violations
- 6 Emergency Defense
- 7 Recycling and Salvage
- 8 Prohibition of Reintroduction of Collected Contaminants to the Air
- 9 Public Access to Recordkeeping for Title V facilities
- 10 Proof of Eligibility
- 11 Proof of Eligibility
- 12 Applicable Criteria, Limits, Terms, Conditions and Standards
- 13 Cessation or Reduction of Permitted Activity Not a Defense
- 14 Compliance Requirements
- 15 Federally-Enforceable Requirements
- 16 Fees
- 17 Monitoring, Related Recordkeeping and Reporting Requirements
- 18 Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements
- 19 Permit Shield
- 20 Property Rights
- 21 Reopening for Cause
- 22 Right to Inspect
- 23 Severability
- 24 Emission Unit Definition
- 25 Compliance Certification
- 26 Compliance Certification
- 27 Required emissions tests
- 28 Compliance Certification
- 29 Recordkeeping requirements
- 30 Visible emissions limited.
- 31 Emissions from existing sources.
- 32 Environmental rating for metal degreasing operation.
- 33 Open Fires Prohibited at Industrial and Commercial Sites
- 34 Compliance Certification
- 35 General requirements
- 36 Equipment specifications
- 37 Test Methods
- 38 Compliance Certification
- 39 Compliance Certification
- 40 Reporting requirements



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- 41 Reporting requirements for new solvent cleaning machines.
- 42 Reporting an initial statement of compliance.
- 43 Initial statement of compliance shall be submitted for each solvent cleaning machine.
- 44 Compliance Certification
- 45 Compliance Certification
- 46 Compliance Certification
- 47 Recycling and Emissions Reduction

**Emission Unit Level**

- 48 Emission Point Definition By Emission Unit
- 49 Process Definition By Emission Unit
- 50 Downtime cover shall be provided.
- 51 Compliance Certification (EU=1-INLIN)
- 52 Compliance Certification (EU=1-INLIN)
- 53 Compliance Certification (EU=1-INLIN)
- 54 Compliance Certification (EU=1-INLIN)
- 55 Compliance Certification (EU=1-INLIN)
- 56 Alternative standards for degreasing units without a solvent/air interface.
- 57 Owner or operator shall demonstrate compliance with applicable limits.
- 58 Failure to meet the 3-month rolling average emission limit.
- 59 Compliance Certification (EU=1-PEROD)
- 60 Recordkeeping for solvent cleaning machines without a solvent/air interface.

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- 61 Solvent emission calculation
- 62 Recordkeeping
- 63 Recordkeeping
- 64 Recordkeeping
- 65 Idling and Downtime mode cover shall be provided.
- 66 Compliance Certification (EU=2-INLIN)
- 67 Compliance Certification (EU=2-INLIN)
- 68 Sump heater shall be shut down if sump liquid levels drops low.
- 69 Vapor level control device shall be provided.
- 70 Primary condenser is required.
- 71 Combination of controls is required.
- 72 Compliance Certification (EU=2-INLIN)
- 73 Compliance Certification (EU=2-INLIN)
- 74 Compliance Certification (EU=2-INLIN)
- 75 Compliance Certification (EU=2-INLIN)
- 76 Compliance Certification (EU=3-BATCH)

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

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- 78 Contaminant List
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**FEDERALLY ENFORCEABLE CONDITIONS**

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

**Condition 1: Sealing**

**Effective between the dates of 10/24/2000 and 10/23/2005**

**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 10/24/2000 and 10/23/2005**

**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 10/24/2000 and 10/23/2005**

**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 10/24/2000 and 10/23/2005**

**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 10/24/2000 and 10/23/2005**

**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 10/24/2000 and 10/23/2005**

**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 10/24/2000 and 10/23/2005**



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**Applicable Federal Requirement: 6NYCRR 201-1.7**

**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 10/24/2000 and 10/23/2005**

**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 10/24/2000 and 10/23/2005**

**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 10/24/2000 and 10/23/2005**

**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 10/24/2000 and 10/23/2005**

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

**Item 11.1:**



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

**Condition 12: Applicable Criteria, Limits, Terms, Conditions and Standards**  
**Effective between the dates of 10/24/2000 and 10/23/2005**

**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 10/24/2000 and 10/23/2005**

**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 10/24/2000 and 10/23/2005**



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

**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
- ii. 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 10/24/2000 and 10/23/2005**

**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





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are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

**Condition 16: Fees**

**Effective between the dates of 10/24/2000 and 10/23/2005**

**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 10/24/2000 and 10/23/2005**

**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 10/24/2000 and 10/23/2005**

**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 10/24/2000 and 10/23/2005**



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

**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 10/24/2000 and 10/23/2005**

**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 10/24/2000 and 10/23/2005**

**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.

**Condition 22: Right to Inspect**

**Effective between the dates of 10/24/2000 and 10/23/2005**

**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 10/24/2000 and 10/23/2005**

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

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**Item 23.1:**

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 10/24/2000 and 10/23/2005**

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

**Item 24.1:**

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

Emission Unit: 1-INLIN

Emission Unit Description:

NINE (9) TROUGH COLD IN-LINE DEGREASERS USING METHYLENE CHLORIDE. This unit comprises nine (9) trough cold degreasers which operate using methylene chloride. These degreaser are NESHAP and MACT compliant. The parts to be degreased are introduced into the trough on a continuous basis. Amounts of solvent added and removed from the unit are recorded daily. Emissions are calculated based on the total amount purchased minus total solvent sent out for recycle.

**Item 24.2:**

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

Emission Unit: 1-PEROD

Emission Unit Description:

EMISSION POINT 00001 IS A CLOSED LOOP VAPOR DEGREASER THAT USES TRICHLOROETHYLENE. VAPORS ARE EVACUATED OUT OF THE WORK CLEANING CHAMBER AND CONDENSED BACK TO LIQUID. CHAMBER DOOR IS OPENED SLIGHTLY AND AIR IS PULLED THROUGH CHAMBER TO REMOVE RESIDUAL VAPOR. THE VAPOR IS DISCHARGED TO TWO IN LINE CARBON ADSORBERS, THEN TO ROOF STACK.

Building(s): MAIN

**Item 24.3:**

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

Emission Unit: 2-INLIN

Emission Unit Description:

SEVEN (7) ULTRASONIC VAPOR IN-LINE DEGREASERS (BARON BLAKESLEE MODEL ) along with their associated controls. All degreasers use methylene chloride. These degreaser are NESHAP and MACT compliant. The parts to be degreased are introduced into the trough on a continuous basis. Amounts

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of solvent added and removed from the unit are recorded daily. Emissions are calculated based on the total amount purchased minus total solvent sent out for recycle.

**Item 24.4:**

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

Emission Unit: 2-PLATG

Emission Unit Description:

THERE ARE SIX PLATING LINES LOCATED AT THE FACILITY: (1) TIN/LEAD 60/40 PLATING, (1) TIN PLATING LINE, (1) COPPER PLATING LINE, (1) NICKEL PLATING LINE, (1) SILVER PLATING LINE, (1) ZINC PLATING LINE. EACH PLATING LINE DOES NOT HAVE A DEDICATED VENT. THE SIX PLATING LINES ARE LOCATED IN A COMMON ROOM THAT HAS FIVE EXHAUST VENTS THAT LEAD TO ROOF STACKS. EMISSIONS CALCULATIONS ARE BASED ON AMOUNT OF METAL PURCHASED MINUS AMOUNT OF METAL COATED (BASED ON 90% OF PARTS SURFACE AREAS) MINUS AMOUNT OF METAL IN INVENTORY MINUS AMOUNT OF METAL TREATED WASTE MINUS AMOUNT OF METAL RECLAIMED. SUPPORTING CALCULATIONS ARE ATTACHED. THE EMISSION POINTS INCLUDE: 00005, 00006, 00007, 00008, 00009. ADDITIONAL EMISSIONS THAT RESULT FROM THE PLATING LINES INCLUDE CYANIDE WHICH IS THE CARRIER FOR THE METAL.

Building(s): MAIN

**Item 24.5:**

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

Emission Unit: 3-BATCH

Emission Unit Description:

ONE (1) BARON BLAKESLEE SMALL BATCH VAPOR. THE DEGREASER CONSTITUTE FUGITIVE EMISSIONS OF MET HYLENE CHLORIDE. IT IS NESHAP AND MACT COMPLIANT. SUPPORTING DOCUMENTATION IS ATTACHED. SOLVENT ADDED TO THE UNIT, SOLVENT REMOVED IS RECORDED ON A DAILY BASIS. EMISSIONS CALCULATED IS BASED UPON TOTAL AMOUNT PURCHASED MINUS TOTAL SOLVENT SENT OUT FOR RECYCLE.

Building(s): MAIN

**Condition 25: Compliance Certification**



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**Effective between the dates of 10/24/2000 and 10/23/2005**

**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 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),

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contained elsewhere in this permit.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR YEAR)

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

**Condition 26: Compliance Certification**  
**Effective between the dates of 10/24/2000 and 10/23/2005**

**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

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 end of the calendar year.

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

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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:

Region 3 Suboffice  
200 White Plains Road, 5th Floor  
Tarrytown, NY 10591-5805

The address for the BCME is as follows:

NYSDEC  
Bureau of Compliance Monitoring  
and Enforcement  
50 Wolf Road  
Albany, NY 12233-3258

Reporting Requirements: ANNUALLY (CALENDAR YEAR)  
Reports due by January 30th for previous calendar year

**Condition 27: Required emissions tests**  
**Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 6NYCRR 202-1.1**

**Item 27.1:**

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 28: Compliance Certification**  
**Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 6NYCRR 202-2.1**

**Item 28.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 28.2:**

Compliance Certification shall include the following monitoring:





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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 YEAR)

Reports due by April 15th for previous calendar year

**Condition 29: Recordkeeping requirements**  
**Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 6NYCRR 202-2.5**

**Item 29.1:**

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

- (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 30: Visible emissions limited.**  
**Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 6NYCRR 211.3**

**Item 30.1:**

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 31: Emissions from existing sources.**  
**Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 6NYCRR 212.3(a)**

**Item 31.1:**

**No person will cause or allow emissions that violate the requirements specified in Table 2, Table 3 or Table 4 of this part for the environmental rating issued by the commissioner.**

**Condition 32: Environmental rating for metal degreasing operation.**  
**Effective between the dates of 10/24/2000 and 10/23/2005**

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**Applicable Federal Requirement: 6NYCRR 212.9(a)**

**Item 32.1:** An environmental rating of **B** is given to this facility.

**Condition 33: Open Fires Prohibited at Industrial and Commercial Sites**  
**Effective between the dates of 10/24/2000 and 10/23/2005**

**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 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 6NYCRR 225-1.2(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: MONITORING OF PROCESS OR CONTROL  
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

No person shall sell, purchase, or use oil whose sulfur  
content is greater than 0.37% by weight.

Parameter Monitored: SULFUR 35

Upper Limit of Monitoring: 0.37 percent by weight

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 35: General requirements**  
**Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 6NYCRR 226.2**

**Item 35.1:**

No person shall conduct solvent metal cleaning unless:

(1) Solvent is stored in covered containers and waste solvent is transferred or disposed of in such a



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manner that less than 20 percent of the waste solvent, by weight, can evaporate into the atmosphere;

(2) Equipment used in solvent metal cleaning is maintained to minimize leaks and fugitive emissions;

(3) Equipment used in solvent metal cleaning displays a conspicuous summary of proper operating procedures consistent with minimizing emissions of volatile organic compounds; and

(4) Equipment covers are closed when the solvent metal cleaning unit is not in service.

(5) A record of solvent consumption shall be maintained for each year and made available to the commissioner or his representative upon request.

**Condition 36: Equipment specifications**

**Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 6NYCRR 226.3**

**Item 36.1:**

**All equipment used for any degreasing processes or processes auxiliary to degreasing shall comply with the specifications given by this subpart.**

**Condition 37: Test Methods**

**Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 40CFR 63.465(b), Subpart T**

**Item 37.1:**

Each owner or operator of a batch vapor or in-line solvent cleaning machine complying with "Alternative methods" of paragraph 63.464, shall on the first operating day of every month ensure that the solvent cleaning machine system contains only clean liquid solvent. This includes, but is not limited to, fresh unused solvent, recycled solvent and used solvent that has been cleaned of soils. A fill line must be indicated during the first month the measurements are made. The solvent level within the machine must be returned to the same fill line each month, immediately prior to calculating monthly emissions as specified in paragraph 63.465(c). The solvent cleaning machine does not have to be emptied and filled with fresh unused solvent prior to calculations.

**Condition 38: Compliance Certification**

**Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 40CFR 63.466(e), Subpart T**

**Item 38.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant:

CAS No: 0NY100-00-0



Name: HAP

**Item 38.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Each owner or operator using a carbon adsorber to comply with this subpart shall measure and record the concentration of halogenated HAP solvent in the exhaust of the carbon adsorber weekly with a detector, colorimetric tube or equivalent monitoring device acceptable by the administrator. This test shall be conducted while the solvent cleaning machine is in the working mode and is venting to the carbon adsorber. The exhaust concentration shall be determined using the procedures specified in the following paragraphs:

- (1) Use a colorimetric detector tube, or equivalent device which is designed to measure a concentration of 100 parts per million by volume of solvent in air to an accuracy of +/- 25 parts per million by volume.
- (2) Use the monitoring device according to manufacturer's instructions.
- (3) Provide a sampling port for monitoring within the exhaust outlet of the carbon adsorber that is easily accessible and located at least 8 stack or duct diameters downstream from any flow disturbance such as a bend, expansion, contraction or outlet: downstream from no other inlet: and 2 stack diameters upstream from any flow disturbance such as a bend, expansion, contraction, inlet or outlet.

Parameter Monitored: TRICHLOROETHYLENE

Lower Limit of Monitoring: 99.9 percent reduction by volume

Monitoring Frequency: WEEKLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 39: Compliance Certification**  
**Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 40CFR 63.466(e), Subpart T**

**Item 39.1:**

The Compliance Certification activity will be performed for the Facility.

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**Item 39.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Monitoring procedures:

Each owner or operator of a batch vapor or in-line solvent cleaning machine shall comply with the following:

(1) If a freeboard refrigeration device is used, the owner or operator shall use a thermometer or thermocouple to measure the temperature at the center of the air blanket during the idling mode.

(2) The owner or operator shall conduct monitoring and record the results on a monthly basis for the control devices, as appropriate, specified in the following paragraphs:

(i) If a cover (working mode, downtime-mode, and/or idling-mode cover) is used to comply with these standards, the owner or operator shall conduct a visual inspection to determine if the cover is opening and closing properly, completely covers the cleaning machine openings when closed and is free of cracks holes and other defects.

(ii) If a dwell is used, the owner or operator shall determine the actual dwell time by measuring the period of time that parts are held within the freeboard area of the solvent cleaning machine after cleaning.

(3) The owner or operator shall monitor the hoist speed by measuring the time it takes for the hoist to travel a measured distance. The speed is equal to the distance in meters divided by the time in minutes.

The monitoring shall be conducted monthly.

Monitoring Frequency: MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 40: Reporting requirements**

**Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 40CFR 63.468(a), Subpart T**

**Item 40.1:**

The owner or operator of existing solvent machines shall have submitted an initial notification report to



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the Administrator by August 29 1995. This report shall include the information specified in the following paragraphs:

- (1) Name and address of the owner or operator.
- (2) The address (i.e., physical location) of the solvent cleaning machine(s).
- (3) A brief description of each solvent cleaning machine including machine type (batch vapor, batch cold, vapor in-line, cold in-line), solvent/air interface area, and existing controls.
- (4) The date of installation or delivery for each solvent cleaning machine or a letter certifying that the solvent cleaning machine was installed prior to, or after, November 29, 1993.
- (5) The anticipated compliance approach for each solvent cleaning machine.
- (6) An estimate of annual halogenated HAP solvent consumption for each solvent cleaning machine.

Shall at any time the submitted notification reports are found to be incorrect, they shall be corrected and resubmitted with in 10 days of the date the facility is notified about the erroneous reports.

**Condition 41: Reporting requirements for new solvent cleaning machines.  
Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 40CFR 63.468(b), Subpart T**

**Item 41.1:**

Each owner or operator of a new solvent cleaning machine shall submit an initial notification report to the Administrator. New sources for which construction or reconstruction commenced after December 2, 1995 shall submit this report as soon as practicable before the construction or reconstruction is planned to commence. This report shall include all of the information required in paragraph 63.5 (d) (1) of subpart A (general provisions) with the revisions and additions of the following paragraphs:

- (1) the report shall include a brief description of each solvent cleaning machine including machine type (batch vapor, batch cold, vapor in-line, or cold in-line), solvent air interface area, and existing controls.
- (2) The report shall include the anticipated compliance approach for each solvent cleaning machine.
- (3) In lieu of 63.5(d) (1) (ii) (H) of subpart A of this part, the owner or operator must report an estimate of annual halogenated HAP solvent consumption for each solvent cleaning machine.

**Condition 42: Reporting an initial statement of compliance.  
Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 40CFR 63.468(d), Subpart T**

**Item 42.1:**

The owner or operator of a batch vapor or in line solvent machine shall have submitted to the Administrator an initial statement of compliance for each solvent cleaning machine. For new sources this report shall be submitted to the administrator no later than 150 days after start up. This statement shall include the following requirements:

- (1) The name and address of the owner or operator.
- (2) The address (i.e. Physical location) of the solvent cleaning machine(s).
- (3) A list of the control equipment used to achieve compliance for each solvent cleaning machine.
- (4) For each piece of control equipment required to be monitored, a list of the parameters that are monitored and the values of these parameters measured on or during the first month after the compliance date.



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- (5) Conditions to maintain the wind speed requirements, if applicable.
- (6) If a carbon adsorber is used to comply with these standards, the date and results for the weekly measurement of halogenated HAP solvent concentration in the carbon adsorber required in 63.466 (e).

**Condition 43: Initial statement of compliance shall be submitted for each solvent cleaning machine.**

**Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 40CFR 63.468(e), Subpart T**

**Item 43.1:**

Each owner or operator of a batch vapor or in-line cleaning machine complying with the provisions of 63.464 shall submit to the Administrator an initial statement of compliance for each solvent cleaning machine. For existing sources, this report shall be submitted no later than 150 days after compliance date specified in 63.460 (d). For new sources, this report shall be submitted no later than 150 days after start up or May 1 1995, whichever is later. The statement shall include the information specified in the following paragraphs:

- (1) The name and address of the solvent cleaning machine owner or operator.
- (2) The address of the solvent cleaning machine(s).
- (3) The solvent/air interface area for each solvent cleaning machine or, for cleaning machines without solvent air interface, a description of the method used to determine the cleaning capacity and the results.
- (4) The results of the first 3- month average emissions calculations

**Condition 44: Compliance Certification**

**Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 40CFR 63.468(f), Subpart T**

**Item 44.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant:

CAS No: 0NY100-00-0

Name: HAP

**Item 44.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner/operator of a batch vapor or in-line solvent cleaning machine complying with 63.463 shall submit an annual report by February 1 of the year following the one for which the reporting is being made. The report shall

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include the following:

- 1) A signed statement from the facility owner or the designee stating that "All operators of solvent cleaning machines have received training on the proper operation of solvent cleaning machines and their control devices sufficient to pass the test required in 63.463(d)(10)"
- 2) An estimate of solvent consumption for each solvent cleaning machine during the reporting period.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR YEAR)

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

**Condition 45: Compliance Certification**  
**Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 40CFR 63.468(g), Subpart T**

**Item 45.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant:

CAS No: 0NY100-00-0

Name: HAP

**Item 45.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each owner or operator of a batch vapor or in-line solvent cleaning machine complying with the provisions of §63.464 shall submit a solvent emission report every year. This solvent emission report shall contain the requirements specified in paragraphs (1) through (3) of this condition.

(1) The size and type of each unit subject to 40CFR 63, Subpart T (solvent/air interface area or cleaning capacity).

(2) The average monthly solvent consumption for the solvent cleaning machine in kilograms per month.

(3) The 3-month monthly rolling average solvent emission estimates calculated each month using the method as described in §63.465(c).



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Reporting Requirements: SEMI-ANNUALLY (CALENDAR YEAR)

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

**Condition 46: Compliance Certification**

**Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 40CFR 63.468(h), Subpart T**

**Item 46.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 46.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Submit exceedance report:

The owner or operator of a batch or in-line solvent cleaning machine shall submit an exceedance report to the Administrator semiannually except when the Administrator determines on a case-by-case basis that more frequent reporting is necessary to accurately assess the compliance status of the source or, an occurs. Once an exceedance has occurred the owner or operator shall follow a quarterly reporting format until a request to reduce reporting frequency under paragraph (i) of this section is approved. reports shall be delivered or postmarked by the 30th day following the end of each calendar half or quarter, as appropriate. The exceedance report shall include the applicable information in paragraphs (h)(1) through (3) of this section.

(1) Information on the actions taken to comply with 63.463(e) and (f). this information shall include records of written or verbal order for replacement parts, a description of the repairs made, and additional monitoring conducted to demonstrate that monitored parameters have returned to acceptable levels.

(2) If an exceedance has occurred, the reason for the exceedance and a description of the actions taken.

(3) If no exceedances of a parameter have occurred, or a piece of equipment has not been inoperative, out of control, repaired, or adjusted, such information shall be stated in the report.



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Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 47: Recycling and Emissions Reduction**  
**Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 40CFR 82, Subpart F**

**Item 47.1:**

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 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 48: Emission Point Definition By Emission Unit**  
**Effective between the dates of 10/24/2000 and 10/23/2005**

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

**Item 48.1:**

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

Emission Unit: 1-PEROD

Emission Point: 00001

Height (ft.): 43

Length (in.): 17

Width (in.): 14



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NYTMN (km.): 4533.723 NYTME (km.): 595.733 Building: MAIN

**Item 48.2:**

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

Emission Unit: 2-PLATG

Emission Point: 00005

Height (ft.): 41

Length (in.): 28

Width (in.): 21

Building: MAIN

Emission Point: 00006

Height (ft.): 41

Length (in.): 28

Width (in.): 21

Building: MAIN

Emission Point: 00007

Height (ft.): 41

Length (in.): 28

Width (in.): 21

Building: MAIN

Emission Point: 00008

Height (ft.): 41

Length (in.): 28

Width (in.): 21

Building: MAIN

Emission Point: 00009

Height (ft.): 41

Length (in.): 28

Width (in.): 21

Building: MAIN

**Condition 49: Process Definition By Emission Unit**

**Effective between the dates of 10/24/2000 and 10/23/2005**

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

**Item 49.1:**

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

Emission Unit: 1-INLIN

Process: CIT

Source Classification Code: 3-09-060-05

Process Description:

THERE ARE NINE 9 TROUGH COLD INLINE  
DEGREASERS, INSTALLED PRIOR TO 1993,  
W/WORKING MODE COVERS. VOLUME OF METHYLENE  
CHLORIDE IN EACH TROUGH IS < 0.5 GALLON  
AND THE FREEBOARD RATIO IS >0.75. THE METAL  
RIBBON PASSES THROUGH THE STAMPING PRESS,  
THEN THROUGH THE TROUGH PRIOR TO ITS  
PLACEMENT BACK ON REEL. MACT/ NESHAP  
COMPLIANCE REPORT ON FILE



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Emission Source/Control: 0CIT1 - Control  
Control Type: VAPOR RECOVERY SYS(INCL.  
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: 0CIT2 - Control  
Control Type: VAPOR RECOVERY SYS(INCL.  
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: 0CIT3 - Control  
Control Type: VAPOR RECOVERY SYS(INCL.  
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: 0CIT4 - Control  
Control Type: VAPOR RECOVERY SYS(INCL.  
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: 0CIT5 - Control  
Control Type: VAPOR RECOVERY SYS(INCL.  
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: 0CIT6 - Control  
Control Type: VAPOR RECOVERY SYS(INCL.  
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: 0CIT7 - Control  
Control Type: VAPOR RECOVERY SYS(INCL.  
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: 0CIT8 - Control  
Control Type: VAPOR RECOVERY SYS(INCL.  
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: 0CIT9 - Control  
Control Type: VAPOR RECOVERY SYS(INCL.  
CONDENSERS,HOODING, OTHER ENCLOSURES)

**Item 49.2:**

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

Emission Unit: 1-PEROD

Process: TCE

Source Classification Code: 4-01-002-04

Process Description:

CLOSED LOOP TRICHLOROETHYLENE VAPOR  
DEGREASER MANUFACTURED BY PERO WITH  
REFRIGERATION. PARTS ARE PLACED IN A  
BASKET ON A CONVEYOR. WHEN READY, THE  
WORKING CHAMBER DOOR OPENS AND THE CONVEYOR  
MOVES BASKET INTO CHAMBER. OPERATOR CANNOT



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PUSH START BUTTON UNTIL CHAMBER DOOR CHLOSES. FIRST CYCLE IS PREWASH WHERE PURE SOLVENT IS FLOODED INTO WORK CHAMBER FROM HOLDING TANK. SOLVENT DRAINS BACK INTO TANK AND SOLVENT VAPOR PASSES OVER PARTS. VAPOR CONDENSES THE GENERATED VAPORS. SOLVENT VAPORS RISE AND ARE CONDENSED ON CONDENSER COILS. DISTILLATE FLOWS DOWN TO SOLVENT WATER SEPARATOR. SOLVENT LEAVING SOLVENT WATER SEPARATOR FLOWS BACK INTO HOLDING TANK.

Emission Source/Control: CARBN - Control  
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: CLSDL - Control  
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: CNDSR - Control  
Control Type: REFRIGERATED CONDENSER

**Item 49.3:**

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

Emission Unit: 2-INLIN  
Process: VID  
Source Classification Code: 3-09-060-05

Process Description:  
THERE ARE SEVEN(7) VERY SMALL BARON BLAKESLEE MODEL VAPOR IN-LINE DEGREASERS THAT USE METHYLENE CHLORIDE. THE DEGREASERS ARE EQUIPPED WITH WORKING MODE COVERS AND FREEBOARD REFRIGERATION RATIO >1.0. THEY COMPRISE FOUR ROWS OF CONDENSING COILS. THE UNITS WERE INSTALLED PRIOR TO 1993. THE METAL RIBBON PASSES THROUGH THE STAMPING PRESS AND THEN THROUGH THE VAPOR DEGREASER TO ELIMINATE OIL/GREASE FROM THE STAMPING PROCESS.

Emission Source/Control: VID1A - Control  
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: VID1B - Control  
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: VID2A - Control



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Control Type: VAPOR RECOVERY SYS(INCL.  
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: VID2B - Control  
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: VID3A - Control  
Control Type: VAPOR RECOVERY SYS(INCL.  
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: VID3B - Control  
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: VID4A - Control  
Control Type: VAPOR RECOVERY SYS(INCL.  
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: VID4B - Control  
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: VID5A - Control  
Control Type: VAPOR RECOVERY SYS(INCL.  
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: VID5B - Control  
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: VID6A - Control  
Control Type: VAPOR RECOVERY SYS(INCL.  
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: VID6B - Control  
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: VID7A - Control  
Control Type: VAPOR RECOVERY SYS(INCL.  
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: VID7B - Control  
Control Type: REFRIGERATED CONDENSER

**Item 49.4:**

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

Emission Unit: 2-PLATG

Process: 150

Source Classification Code: 3-05-014-20

Process Description:

THERE ARE SIX PLATING FLINES AT THE

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FACILITY: TIN/LEAD AT 60/40, TIN, COPPER, NICKEL, SILVER, AND ZINC. THE PLATING PROCESS IS A MULTI STEP PROCEDURE. THE FOLLOWING IS A SUMMARY OF THE PROCESS: 1) BURNISHING/TUMBLING IS A PROCESS WHERE OILS ARE REMOVED /STAMPED PART. SOMETIMES, THE PART DIMENSIONS ARE INTENTIONALLY ALTERED. 2) ELECTRO, PERIODIC REVERSE, SOAK CLEANING: SOILS AND UNDESIRABLE PARTICLES ARE REMOVED FROM THE SURFACE OF THE PART. ACTIVATION: THE SURFACE OF THE PART. 3) ACTIVATION: THE SURFACE OF THE PART IS ETCHED OR ACTIVATED FOR PLATING. 4) PLATING: THE PART IS COATED, ELECTROCHEMICALLY WITH A SEMI UNIFORMED LAYER OF METAL. 5) RINSE: PLATING SOLUTION IS REMOVED AND REUSED WITH WATER RINSE. 6) SPIN HEAT DRY.

Emission Source/Control: COPER - Process  
Design Capacity: 200 gallons

Emission Source/Control: NICKL - Process  
Design Capacity: 200 gallons

Emission Source/Control: SILVR - Process  
Design Capacity: 200 gallons

Emission Source/Control: TIN00 - Process  
Design Capacity: 200 gallons

Emission Source/Control: TINLD - Process  
Design Capacity: 200 gallons

Emission Source/Control: ZINCO - Process  
Design Capacity: 200 gallons

**Item 49.5:**

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

Emission Unit: 3-BATCH

Process: AAD

Source Classification Code: 4-01-002-97

Process Description:

BARON BLAKESLEE MODEL 3LLV BATCH VAPOR DEGREASER COMPLIES WITH MACT/NESHAP VIA CONTROL COMBINATIONS METHOD. THE ORIGINAL MODEL WAS INSTALLED IN 1984 AND WAS EQUIPPED WITH THE FOLLOWING CONTROL



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DEVICES: SOLVENT RECOVERY STILL, CONDENSER, ROLL TOP COVER, LOW VAPOR LEVEL SENSOR SHUT OFF, SUPER HEATED MODE. THE UNIT WAS TAKEN OFF LINE IN 1996 AND RETROFITTED IN 1997 TO MEET MACT/NESHAP REGULATIONS. THE FOLLOWING CONTROLS WERE ADDED: STAINLESS STEEL IDLING/DOWNTIME COVER, HIGH LEVEL SHUT OFF SENSOR, FREEBOARD EXTENSION TO A RATIO OF 1.0 AND A FREEBOARD REFRIGERATION DEVICE OF FOUR ADDITIONAL FOWS OF CONDENSING COILS. IT IS CONSIDERED SMALL BATCH VAPOR DEGREASER SINCE THE AIR/SOLVENT INTERFACE IS LESS THAN 12 SQUARE FEET.

Emission Source/Control: AAD1A - Control  
Control Type: VAPOR RECOVERY SYS(INCL.  
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: AAD1B - Control  
Control Type: REFRIGERATED CONDENSER

**Condition 50: Downtime cover shall be provided.  
Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 40CFR 63.463(a)(1)(i), Subpart T**

**Item 50.1:**

This Condition applies to Emission Unit: 1-INLIN

**Item 50.2:**

Each cleaning machine shall be designed and operated with a downtime mode cover as described in paragraph 63.463 (d)(1)(i), that may be readily opened or closed, that completely covers the cleaning machine openings when in place and is free of cracks, holes, and other defects.

**Condition 51: Compliance Certification  
Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 40CFR 63.463(a)(2), Subpart T**

**Item 51.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-INLIN

**Item 51.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL





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**DEVICE PARAMETERS AS SURROGATE**

**Monitoring Description:**

Each owner and operator shall ensure that each existing or new batch vapor or in-line solvent cleaning machine conforms to the design requirements specified in §63.463.(a)(1) through (a)(7).

Each cleaning machine shall have a freeboard ratio of 0.75 or greater.

Parameter Monitored: FREEBOARD RATIO

Lower Limit of Monitoring: 0.75 freeboard ratio

Reporting Requirements: ANNUALLY (CALENDAR YEAR)

Reports due by January 30th for previous calendar year

**Condition 52: Compliance Certification**  
**Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 40CFR 63.463(a)(3), Subpart T**

**Item 52.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-INLIN

**Item 52.2:**

Compliance Certification shall include the following monitoring:

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

**Monitoring Description:**

Each cleaning machine shall have an automated parts handling system capable of moving parts or parts baskets at a speed of 3.4 meters per minute (11 feet per minute) or less from the initial loading of parts through removal of cleaned parts.

Parameter Monitored: ROTATION RATE

Upper Limit of Monitoring: 3.4 meters per minute

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 11/22/2001 for the period 10/24/2000 through 10/23/2001

**Condition 53: Compliance Certification**  
**Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 40CFR 63.463(d), Subpart T**

**Item 53.1:**

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The Compliance Certification activity will be performed for:

Emission Unit: 1-INLIN

**Item 53.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each Owner or operator of of an in-line solvent cleaning machine shall meet all of the following work operational practices specified in the following paragraphs:

- (1) covers to each solvent cleaning machine shall be in place during downtime mode unless the solvent has been removed from the machine or maintenance or monitoring is being performed that requires the cover(s) to not be in place.
- (2) Parts exiting from any solvent cleaning machine shall not be carrying any solvent drippings outside of the machine sump.
- (3) No splashing or spilling is allowed during solvent additions to or during solvent removals from the solvent cleaning machines.
- (4) Each solvent cleaning machine and its auxiliary components shall be maintained as recommended by the manufacturers.
- (5) Each operator of a solvent cleaning machine shall complete and pass the applicable sections of the test of solvent cleaning operating procedures in appendix B to this part if requested during an inspection by the Administrator.
- (6) Waste solvent, still bottoms, and sump bottoms shall be collected and stored in closed containers. The closed containers may contain a device that would allow pressure relief, but would not allow liquid solvent to drain from container.
- (7) Sponges, fabric, wood and paper products shall not be cleaned.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 11/22/2001 for the period 10/24/2000 through 10/23/2001

**Condition 54: Compliance Certification**

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**Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 40CFR 63.465(e), Subpart T**

**Item 54.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-INLIN

**Item 54.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

An owner or operator of a source shall determine their potential to emit from all solvent cleaning operations, using the procedures described in the following paragraphs:

(1) Determine the potential to emit for each individual solvent cleaning using equation (1)

$PTE_i = H_i \times W_i \times SAI_i$  (1), where:

$PTE_i$  = the potential to emit for solvent cleaning machine  $i$  (kg of solvent per year).

$H_i$  = hours of operation for solvent cleaning machine  $i$  (hrs/ year).

= 8760 hours per year, unless otherwise restricted by Federally enforceable requirement.

$W_i$  = the working mode uncontrolled emission rate (kg/square meter/hour).

= 1.12 Kgrs/square meter/hour for in-line cleaning machines.

$SAI_i$  = Solvent/air interface area of solvent cleaning machine  $i$  (square meters).

(2) Sum the  $PTE_i$  for all solvent cleaning operations to obtain the total potential to emit from solvent cleaning operations at the facility.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 11/22/2001 for the period 10/24/2000 through 10/23/2001

**Condition 55: Compliance Certification**

**Effective between the dates of 10/24/2000 and 10/23/2005**

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**Applicable Federal Requirement: 40CFR 63.467(a), Subpart T**

**Item 55.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-INLIN

Regulated Contaminant:

CAS No: 0NY100-00-0

Name: HAP

**Item 55.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner/operator of a batch vapor or in-line solvent cleaning machine complying with the provisions in 63.463 shall maintain the following records for the lifetime of the machine:

- 1) Owner's manuals, or if not available, written maintenance and operating procedures for the solvent cleaning machine and control equipment.
- 2) The date of installation for the solvent cleaning machine and all of its control devices. If the exact date for installation is not known, a letter certifying that the machine and control devices were installed prior to November 29, 1993 will suffice.
- 3) Records of the halogenated HAP solvent content for each solvent used in a solvent cleaning machine subject to Subpart T.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR YEAR)

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

**Condition 56: Alternative standards for degreasing units without a solvent/air interface.  
Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 40CFR 63.464(a)(2), Subpart T**

**Item 56.1:**

This Condition applies to Emission Unit: 1-PEROD



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**Item 56.2:**

The owner or operator of each unit shall comply with the requirements of the following paragraphs:

- (1) Maintain a log of solvent additions and deletions for each solvent cleaning machine.
- (2) Ensure that monthly emissions from each solvent cleaning machine with cleaning capacity up to 0.10 cubic meters are equal to or less than 83 Kgr, calculated on a 3-month rolling average.

**Condition 57: Owner or operator shall demonstrate compliance with applicable limits.  
Effective between the dates of 10/24/2000 and 10/23/2005**

Applicable Federal Requirement: 40CFR 63.464(b), Subpart T

**Item 57.1:**

This Condition applies to Emission Unit: 1-PEROD

**Item 57.2:**

Each owner or operator of a batch or in-line solvent cleaning machine complying with paragraph 63.464(a) shall demonstrate compliance with the applicable 3-month rolling average monthly emission limit on a monthly basis as described in paragraph 63.465(b) and (c).

**Condition 58: Failure to meet the 3-month rolling average emission limit.  
Effective between the dates of 10/24/2000 and 10/23/2005**

Applicable Federal Requirement: 40CFR 63.464(c), Subpart T

**Item 58.1:**

This Condition applies to Emission Unit: 1-PEROD

**Item 58.2:**

If applicable 3-month rolling average emission limit is not met, an exceedance has occurred. All exceedances shall be reported as required in 63.468(h).

**Condition 59: Compliance Certification  
Effective between the dates of 10/24/2000 and 10/23/2005**

Applicable Federal Requirement: 40CFR 63.465(e), Subpart T

**Item 59.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-PEROD

**Item 59.2:**

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Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

An owner or operator of a source shall determine their potential to emit from all solvent cleaning operations, using the procedures described in the following paragraphs:

(1) Determine the potential to emit for each individual solvent cleaning using equation (1)

$PTE_i = H_i \times W_i \times SAI_i$  (1), where:

$PTE_i$  = the potential to emit for solvent cleaning machine  $i$  (kgr of solvent per year).

$H_i$  = hours of operation for solvent cleaning machine  $i$  (hrs/ year).

= 8760 hours per year, unless otherwise restricted by Federally enforceable requirement.

$W_i$  = the working mode uncontrolled emission rate (kgr/square meter/hour).

= 1.12 Kgrs/square meter/hour for in-line cleaning machines.

$SAI_i$  = Solvent/air interface area of solvent cleaning machine  $i$  (square meters).

Calculate the solvent/air interface area using the following equation:

(2)  $SAI = 2.2 \times (Vol)^{0.6}$ , where:

$SAI$  = the solvent air interface area (square meters).

$Vol$  = the cleaning capacity of the solvent cleaning machine in cubic meters.

(3) Sum the  $PTE_i$  for all solvent cleaning operations to obtain the total potential to emit fro solvent cleaning operations at the facility.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 11/22/2001 for the period 10/24/2000 through 10/23/2001

**Condition 60: Recordkeeping for solvent cleaning machines without a solvent/air interface.  
Effective between the dates of 10/24/2000 and 10/23/2005**

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**Applicable Federal Requirement: 40CFR 63.467(d), Subpart T**

**Item 60.1:**

This Condition applies to Emission Unit: 1-PEROD

**Item 60.2:**

Each owner or operator of a solvent cleaning machine without a solvent/air interface complying with the provisions of 63.464 shall maintain records on the method used to determine the capacity of the cleaning machine.

**Condition 61: Solvent emission calculation**

**Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 40CFR 63.465(c), Subpart T**

**Item 61.1:**

This Condition applies to Emission Unit: 1-PEROD Emission Point: 00001  
Process: TCE Emission Source: CARBN

**Item 61.2:**

Each owner or operator of a batch vapor or in-line solvent cleaning machine complying with §63.464 shall on the first operating day of the month comply with the requirements specified in paragraphs (1) through (3) of this condition.

(1) Using the records of all solvent additions and deletions for the previous monthly reporting period required under §63.464(a), determine solvent emissions ( $E_i$ ) using Equation 2 for cleaning machines with a solvent/air interface and Equation 3 for cleaning machines without a solvent/air interface:

$$E_i = (SA_i - LSR_i - SSR_i) / AREA_i \quad (\text{Eq. 2})$$

$$E_n = SA_i - LSR_i - SSR_i \quad (\text{Eq. 3})$$

where:

$E_i$  = the total halogenated HAP solvent emissions from the solvent cleaning machine during the most recent monthly reporting period  $i$ , (kilograms of solvent per square meter of solvent/air interface area per month).

$E_n$  = the total halogenated HAP solvent emissions from the solvent cleaning machine during the most recent monthly reporting period  $i$ , (kilograms of solvent per month).

$SA_i$  = the total amount of halogenated HAP liquid solvent added to the solvent cleaning machine during the most recent monthly reporting period  $i$ , (kilograms of solvent per month).

$LSR_i$  = the total amount of halogenated HAP liquid solvent removed from the solvent cleaning machine during the most recent monthly reporting period  $i$ , (kilograms of solvent per month).

$SSR_i$  = the total amount of halogenated HAP solvent removed from the solvent cleaning machine in solid waste, obtained as described in paragraph (2) of this condition, during the most recent monthly reporting period  $i$ , (kilograms of solvent per month).



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AREA<sub>i</sub> = the solvent/air interface area of the solvent cleaning machine (square meters).

(2) Determine SSR<sub>i</sub> using either of the following methods.

- (i) From tests conducted using EPA reference method 25d.
- (ii) By engineering calculations included in the compliance report.

(3) Determine the monthly rolling average, EA, for the 3-month period ending with the most recent reporting period using Equation 4 for cleaning machines with a solvent/air interface or Equation 5 for cleaning machines without a solvent/air interface:

$$EA_i = (\text{Sum of } E_j \text{ from } j=1 \text{ to } j=3) / 3 \quad (\text{Eq. 4})$$

$$EA_n = (\text{Sum of } E_n \text{ from } j=1 \text{ to } j=3) / 3 \quad (\text{Eq. 5})$$

Where:

EA<sub>i</sub> = the average halogenated HAP solvent emissions over the preceding 3 monthly reporting periods, (kilograms of solvent per square meter of solvent/air interface area per month).

EA<sub>n</sub> = the average halogenated HAP solvent emissions over the preceding 3 monthly reporting periods (kilograms of solvent per month).

E<sub>i</sub> = halogenated HAP solvent emissions for each month (j) for the most recent 3 monthly reporting periods (kilograms of solvent per square meter of solvent/air interface area).

E<sub>n</sub> = halogenated HAP solvent emissions for each month (j) for the most recent 3 monthly reporting periods (kilograms of solvent per month).

j=1 = the most recent monthly reporting period.

j=2 = the monthly reporting period immediately prior to j=1.

j=3 = the monthly reporting period immediately prior to j=2.

**Condition 62: Recordkeeping**

**Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 40CFR 63.467(c), Subpart T**

**Item 62.1:**

This Condition applies to Emission Unit: 1-PEROD Emission Point: 00001  
Process: TCE Emission Source: CARBN

**Item 62.1:**

(this space used for Emission Unit)

Item 62.2: Each owner or operator of a batch vapor or in-line solvent cleaning machine complying with the provisions of §63.464 shall maintain records specified in paragraphs (1) through (3) of this condition either in electronic or written form for a period of 5 years.

- (1) The dates and amounts of solvent that are added to the solvent cleaning machine.





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(2) The solvent composition of wastes removed from cleaning machines as determined using the procedure described in §63.465(c)(2).

(3) Calculation sheets showing how monthly emissions and the rolling 3-month average emissions from the solvent cleaning machine were determined, and the results of all calculations.

**Condition 63: Recordkeeping**

**Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 40CFR 63.467(c), Subpart T**

**Item 63.1:**

This Condition applies to Emission Unit: 1-PEROD Emission Point: 00001  
Process: TCE Emission Source: CLSDL

**Item 63.1:**

(this space used for Emission Unit)

Item 63.2: Each owner or operator of a batch vapor or in-line solvent cleaning machine complying with the provisions of §63.464 shall maintain records specified in paragraphs (1) through (3) of this condition either in electronic or written form for a period of 5 years.

(1) The dates and amounts of solvent that are added to the solvent cleaning machine.

(2) The solvent composition of wastes removed from cleaning machines as determined using the procedure described in §63.465(c)(2).

(3) Calculation sheets showing how monthly emissions and the rolling 3-month average emissions from the solvent cleaning machine were determined, and the results of all calculations.

**Condition 64: Recordkeeping**

**Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 40CFR 63.467(c), Subpart T**

**Item 64.1:**

This Condition applies to Emission Unit: 1-PEROD Emission Point: 00001  
Process: TCE Emission Source: CNDSR

**Item 64.1:**

(this space used for Emission Unit)

Item 64.2: Each owner or operator of a batch vapor or in-line solvent cleaning machine complying with the provisions of §63.464 shall maintain records specified in paragraphs (1) through (3) of this condition either in electronic or written form for a period of 5 years.

(1) The dates and amounts of solvent that are added to the solvent cleaning machine.

(2) The solvent composition of wastes removed from cleaning machines as determined using the procedure described in §63.465(c)(2).

(3) Calculation sheets showing how monthly emissions and the rolling 3-month average emissions from



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the solvent cleaning machine were determined, and the results of all calculations.

**Condition 65: Idling and Downtime mode cover shall be provided.  
Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 40CFR 63.463(a)(1)(i), Subpart T**

**Item 65.1:**

This Condition applies to Emission Unit: 2-INLIN

**Item 65.2:**

Each owner or operator of a solvent cleaning machine shall provide an idling and downtime cover, as described in paragraph 63.463 (d) (1) (i) that may be readily opened or closed, that completely covers the cleaning machine openings when in place, and is free of cracks, holes, and other defects.

**Condition 66: Compliance Certification  
Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 40CFR 63.463(a)(2), Subpart T**

**Item 66.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 2-INLIN

**Item 66.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Each owner and operator shall ensure that each existing or new batch vapor or in-line solvent cleaning machine conforms to the design requirements specified in §63.463.(a)(1) through (a)(7).

Each cleaning machine shall have a freeboard ratio of 0.75 or greater.

Parameter Monitored: FREEBOARD RATIO

Lower Limit of Monitoring: 0.75 freeboard ratio

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 11/22/2001 for the period 10/24/2000 through 10/23/2001

**Condition 67: Compliance Certification  
Effective between the dates of 10/24/2000 and 10/23/2005**

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**Applicable Federal Requirement: 40CFR 63.463(a)(3), Subpart T**

**Item 67.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 2-INLIN

**Item 67.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Each cleaning machine shall have an automated parts handling system capable of moving parts or parts baskets at a speed of 3.4 meters per minute (11 feet per minute) or less from the initial loading of parts through removal of cleaned parts.

Parameter Monitored: ROTATION RATE

Upper Limit of Monitoring: 3.4 meters per minute

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 11/22/2001 for the period 10/24/2000 through 10/23/2001

**Condition 68: Sump heater shall be shut down if sump liquid levels drops low.**

**Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 40CFR 63.463(a)(4), Subpart T**

**Item 68.1:**

This Condition applies to Emission Unit: 2-INLIN

**Item 68.2:**

Each vapor cleaning machine shall be equipped with a device that shuts off sump heat if the sump liquid solvent level drops to the sump heater coils.

**Condition 69: Vapor level control device shall be provided.**

**Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 40CFR 63.463(a)(5), Subpart T**

**Item 69.1:**

This Condition applies to Emission Unit: 2-INLIN



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**Item 69.2:**

Each vapor cleaning machine shall be equipped with a vapor level control device that shuts off sump heat if the vapor level in the vapor cleaning machine rises above the height of the primary condenser.

**Condition 70: Primary condenser is required.**

**Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 40CFR 63.463(a)(6), Subpart T**

**Item 70.1:**

This Condition applies to Emission Unit: 2-INLIN

**Item 70.2:**

Each vapor cleaning machine shall have a primary condenser.

**Condition 71: Combination of controls is required.**

**Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 40CFR 63.463(c)(1), Subpart T**

**Item 71.1:**

This Condition applies to Emission Unit: 2-INLIN

**Item 71.2:**

Each owner or operator of an in-line cleaning machine shall employ one combination of controls as listed in table 3 of this subpart or other equivalent method of control. This unit complies by employing a refrigeration device and a freeboard ration of at least 1.0.

**Condition 72: Compliance Certification**

**Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 40CFR 63.463(d), Subpart T**

**Item 72.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 2-INLIN

**Item 72.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each Owner or operator of of an in-line solvent cleaning machine shall meet all of the following work operational practices specified in the following paragraphs:

(1) covers to each solvent cleaning machine shall be in place during idling and downtime mode unless the solvent

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has been removed from the machine or maintenance or monitoring is being performed that requires the cover(s) to not be in place.

(2) Parts exiting from any solvent cleaning machine shall not be carrying any solvent drippings outside of the machine sump.

(3) No splashing or spilling is allowed during solvent additions to or during solvent removals from the solvent cleaning machines.

(4) Each solvent cleaning machine and its auxiliary components shall be maintained as recommended by the manufacturers.

(5) Each operator of a solvent cleaning machine shall complete and pass the applicable sections of the test of solvent cleaning operating procedures in appendix B to this part if requested during an inspection by the Administrator.

(6) Waste solvent, still bottoms, and sump bottoms shall be collected and stored in closed containers. The closed containers may contain a device that would allow pressure relief, but would not allow liquid solvent to drain from container.

(7) Sponges, fabric, wood and paper products shall not be cleaned.

(8) During startup of each vapor cleaning machine, the primary condenser shall be turned on before the sump heater.

(9) During shutdown of each vapor cleaning machine, the sump heater shall be turned off and the solvent vapor layer allowed to collapse before the primary condenser is turned off.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 73: Compliance Certification**  
**Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 40CFR 63.463(e), Subpart T**

**Item 73.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 2-INLIN

**Item 73.2:**

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Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each owner or operator of a solvent cleaning machine shall:

(1) Conduct monitoring of each control device used to comply with paragraph 63.463 of this subpart as provided in paragraph 63.466.

(2) Determine during each monitoring period whether each control device used to comply with the regulations meets the requirements specified in the following paragraphs:

(i) Ensure that the freeboard refrigeration device used maintains the chilled air blanket temperature at a level no greater than 30% of the solvent's boiling point. The temperature shall be measured in degrees Fahrenheit, at the center of the blanket.

(ii) Ensure that the working mode or idling mode cover is free of holes cracks and other defects.

(3) Determine if any exceedances have occurred.

(4) Report all exceedances and all corrections and adjustments made to avoid an exceedance as specified in 63.468 (h).

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 74: Compliance Certification**  
**Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 40CFR 63.465(e), Subpart T**

**Item 74.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 2-INLIN

**Item 74.2:**

Compliance Certification shall include the following monitoring:

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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

An owner or operator of a source shall determine their potential to emit from all solvent cleaning operations, using the procedures described in the following paragraphs:

(1) Determine the potential to emit for each individual solvent cleaning using equation (1)

$PTE_i = H_i \times W_i \times SA_{Li}$  (1), where:

$PTE_i$  = the potential to emit for solvent cleaning machine  $i$  (kgr of solvent per year).

$H_i$  = hours of operation for solvent cleaning machine  $i$  (hrs/ year).

= 8760 hours per year, unless otherwise restricted by Federally enforceable requirement.

$W_i$  = the working mode uncontrolled emission rate (kgr/square meter/hour).

= 1.12 Kgrs/square meter/hour for in-line cleaning machines.

$SA_{Li}$  = Solvent/air interface area of solvent cleaning machine  $i$  (square meters).

(2) Sum the  $PTE_i$  for all solvent cleaning operations to obtain the total potential to emit fro solvent cleaning operations at the facility.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 11/22/2001 for the period 10/24/2000 through 10/23/2001

**Condition 75: Compliance Certification**

**Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 40CFR 63.467(a), Subpart T**

**Item 75.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 2-INLIN

Regulated Contaminant:

CAS No: 0NY100-00-0

Name: HAP

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**Item 75.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner/operator of a batch vapor or in-line solvent cleaning machine complying with the provisions in 63.463 shall maintain the following records for the lifetime of the machine:

- 1) Owner's manuals, or if not available, written maintenance and operating procedures for the solvent cleaning machine and control equipment.
- 2) The date of installation for the solvent cleaning machine and all of its control devices. If the exact date for installation is not known, a letter certifying that the machine and control devices were installed prior to November 29, 1993 will suffice.
- 3) Records of the halogenated HAP solvent content for each solvent used in a solvent cleaning machine subject to Subpart T.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR YEAR)

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

**Condition 76: Compliance Certification**  
**Effective between the dates of 10/24/2000 and 10/23/2005**

**Applicable Federal Requirement: 40CFR 63.463(e), Subpart T**

**Item 76.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 3-BATCH

**Item 76.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each owner or operator of a solvent cleaning machine shall:

- (1) Conduct monitoring of each control device used to comply with paragraph 63.463 of this subpart as provided in paragraph 63.466.



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(2) Determine during each monitoring period whether each control device used to comply with the regulations meets the requirements specified in the following paragraphs:

(i) Ensure that the freeboard refrigeration device used maintains the chilled air blanket temperature at a level no greater than 30% of the solvent's boiling point. The temperature shall be measured in degrees Fahrenheit, at the center of the blanket.

(ii) Ensure that the working mode or idling mode cover is free of holes cracks and other defects.

(iii) Ensure that the cover opens only for part entrance and removal and completely covers the cleaning machine openings when closed.

(3) Determine that

(a) the dwell time is appropriate for each type of parts or parts basket, or determine the maximum dwell time using the most complex part type or parts basket, as described in paragraph 63.465(d).

(b) after cleaning, each part is held in the solvent cleaning machine freeboard area above the vapor zone for the dwell time determined for that particular part or parts basket, or for the maximum dwell time determined using the most complex part type or parts basket.

(4) Determine if any exceedances have occurred.

(5) Report all exceedances and all corrections and adjustments made to avoid an exceedance as specified in 63.468 (h).

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION



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

**Condition 77: General Provisions**  
Effective between the dates of 10/24/2000 and 10/23/2005

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

**Item 77.1:**

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 77.2:**

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 77.3:**

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 78: Contaminant List**  
Effective between the dates of 10/24/2000 and 10/23/2005

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

**Item 78.1:**

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

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

**Condition 79: Air pollution prohibited**  
Effective between the dates of 10/24/2000 and 10/23/2005

**Applicable State Requirement: 6NYCRR 211.2**

**Item 79.1:**



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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.