

New York State Department of Environmental Conservation
Facility DEC ID: 7034600030



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 7-0346-00030/00015
Effective Date: 08/31/2005 Expiration Date: No expiration date

Permit Issued To: GEORGE INDUSTRIES INC
1 SOUTH PAGE AVE
ENDICOTT, NY 13760-4694

Facility: GEORGE INDUSTRIES
1 S PAGE AVENUE
UNION, NY 13760

Contact: CHRISTOPHER J MARHEFKA
GEORGE INDUSTRIES INC
1 SOUTH PAGE AVE
ENDICOTT, NY 13760
(607) 748-3371

Description:

George Industries, Inc is a metal machining, forming, assembling and coating facility. Metals include aluminum and steel.

Permit Applicability: Facility is subject to the following regulations: 6 NYCRR Parts 200, 201, 202, 211, 2112, 215, and 40 CFR 63, Subpart T.

Capping: The facility has limited (capped) emissions of volatile organic compounds (VOCs) and hazardous air pollutants (HAPs) below the applicability thresholds of 6 NYCRR Part 201-6 (Title V), 6 NYCRR Part 228 (Surface Coating Processes), and 40 CFR 63, Subpart GG (Aerospace Manufacturing and Rework Facilities).

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: MICHAEL K BARYLSKI
DIVISION OF ENVIRONMENTAL PERMITS
1285 FISHER AVE
CORTLAND, NY 13045-1090

Authorized Signature: _____ Date: ___ / ___ / ____



Notification of Other State 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, and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

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 7
SUBOFFICE



DEC GENERAL CONDITIONS
****** General Provisions ******
GENERAL CONDITIONS - Apply to ALL Authorized Permits.

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

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.

Item 3.3:

Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual

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transfer of ownership.

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 in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

- a) materially false or inaccurate statements in the permit application or supporting papers;
- b) failure by the permittee to comply with any terms or conditions of the permit;
- c) exceeding the scope of the project as described in the permit application;
- d) newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;
- e) noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

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

Condition 5: Submission of Applications for Permit Modification or Renewal -REGION 7
SUBOFFICE
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 7 Sub-office
Division of Environmental Permits
1285 Fisher Avenue
Cortland, NY 13045-1090
(607) 753-3095



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Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: GEORGE INDUSTRIES INC
1 SOUTH PAGE AVE
ENDICOTT, NY 13760-4694

Facility: GEORGE INDUSTRIES
1 S PAGE AVENUE
UNION, NY 13760

Authorized Activity By Standard Industrial Classification Code:
3441 - FABRICATED STRUCTURAL METAL

Permit Effective Date: 08/31/2005

Permit Expiration Date: No expiration date.



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6NYCRR 212.4(c): Compliance Demonstration
- 2 6NYCRR 212.6(a): Compliance Demonstration

Emission Unit Level

EU=U-10000

- 3 6NYCRR 212.4(b): Compliance Demonstration
- 4 40CFR 63.460(a), Subpart T: Applicability statement
- 5 40CFR 63.460(b), Subpart T: Part 63 General Provisions requirements
- 6 40CFR 63.464(a)(1), Subpart T: Compliance Demonstration
- 7 40CFR 63.465(b), Subpart T: Compliance Demonstration
- 8 40CFR 63.465(c), Subpart T: Compliance Demonstration
- 9 40CFR 63.467(c), Subpart T: Recordkeeping
- 10 40CFR 63.468(b), Subpart T: Compliance Demonstration
- 11 40CFR 63.468(e), Subpart T: Initial statement of compliance for new batch vapor or in-line machines complying with the overall emission limit
- 12 40CFR 63.468(g), Subpart T: Compliance Demonstration
- 13 40CFR 63.468(h), Subpart T: Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 14 ECL 19-0301: Contaminant List
- 15 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 16 6NYCRR 201-5: Emission Unit Definition
- 17 6NYCRR 201-5.4(b): Compliance Demonstration
- 18 6NYCRR 201-7.2: Facility Permissible Emissions
- *19 6NYCRR 201-7.2: Capping Monitoring Condition
- *20 6NYCRR 201-7.2: Capping Monitoring Condition
- *21 6NYCRR 201-7.2: Capping Monitoring Condition
- 22 6NYCRR 211.2: Air pollution prohibited

Emission Unit Level

- 23 6NYCRR 201-5: Emission Point Definition By Emission Unit
- 24 6NYCRR 201-5: Process Definition By Emission Unit

NOTE: * preceding the condition number indicates capping.



FEDERALLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Sealing - 6NYCRR Part 200.5

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 labeling 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.

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.

Unless authorized by the Commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section.

Item B: Acceptable Ambient Air Quality - 6NYCRR Part 200.6

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.

Item C: Maintenance of Equipment - 6NYCRR Part 200.7

Any person who owns or operates an air contamination

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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.

Item D: Unpermitted Emission Sources - 6NYCRR Part 201-1.2

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.

Item E: Emergency Defense - 6NYCRR Part 201-1.5

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



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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.

Item F: Recycling and Salvage - 6NYCRR Part 201-1.7

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.

Item G: Prohibition of Reintroduction of Collected Contaminants to the Air - 6NYCRR Part 201-1.8

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.

Item H: Proof of Eligibility for Sources Defined as Exempt Activities - 6 NYCRR Part 201-3.2(a)

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.

Item I: Proof of Eligibility for Sources Defined as Trivial Activities - 6 NYCRR Part 201-3.3(a)

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



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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.

Item J: Required Emission Tests - 6 NYCRR Part 202-1.1

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.

Item K: Visible Emissions Limited - 6 NYCRR Part 211.3

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.

Item L: Open Fires - 6 NYCRR Part 215

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.

Item M: Permit Exclusion - ECL 19-0305

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not



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limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

Item N: Federally Enforceable Requirements - 40 CFR 70.6(b)

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

FEDERAL APPLICABLE REQUIREMENTS

The following conditions are federally enforceable.

Condition 1: Compliance Demonstration

Effective between the dates of 08/31/2005 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 1.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-20000 Emission Point: 0000C

Emission Unit: U-20000 Emission Point: 0000D

Emission Unit: U-20000 Emission Point: 0000F

Emission Unit: U-20000 Emission Point: 0000G

Emission Unit: U-20000 Emission Point: 0000H

Emission Unit: U-20000 Emission Point: 0000I



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Emission Unit: U-20000 Emission Point: 0000J

Emission Unit: U-20000 Emission Point: 0000K

Emission Unit: U-20000 Emission Point: 0000L

Emission Unit: U-20000 Emission Point: 0000M

Emission Unit: U-30000 Emission Point: 0000A

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 1.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.050 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per standard cubic foot

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 2: Compliance Demonstration

Effective between the dates of 08/31/2005 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 2.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-20000 Emission Point: 0000C

Emission Unit: U-20000 Emission Point: 0000D

Emission Unit: U-20000 Emission Point: 0000F



Emission Unit: U-20000 Emission Point: 0000G
Emission Unit: U-20000 Emission Point: 0000H
Emission Unit: U-20000 Emission Point: 0000I
Emission Unit: U-20000 Emission Point: 0000J
Emission Unit: U-20000 Emission Point: 0000K
Emission Unit: U-20000 Emission Point: 0000L
Emission Unit: U-20000 Emission Point: 0000M
Emission Unit: U-30000 Emission Point: 0000A

Item 2.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

The permittee will conduct observations of visible emissions from the emission unit, process, etc. to which this condition applies at the monitoring frequency stated below while the process is in operation. The permittee will immediately investigate any instance where there is cause to believe that visible emissions above those that are normal and in compliance are occurring or have occurred from a process source.

If visible emissions above those that are normal (this may be zero percent opacity for many or all emission sources) and in compliance with section 212.6(a) are detected, the permittee shall determine the cause, make the necessary correction, and verify that the excess visible emissions problem has been corrected.



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If visible emissions above those that are normal and in compliance continue to be present after corrections are made, the permittee will immediately notify The Department and conduct a Method 9 assessment within 24 hours to determine the degree of opacity.

Records of these observations, investigations and corrective actions will be kept on-site in a format acceptable to the Department and annual capping certification report shall include a summary of these records.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: EPA Method 9
Monitoring Frequency: MONTHLY
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2006.
Subsequent reports are due every 12 calendar month(s).

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

Condition 3: Compliance Demonstration
Effective between the dates of 08/31/2005 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.4(b)

Item 3.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10000

Regulated Contaminant(s):
CAS No: 000079-01-6 TRICHLOROETHYLENE

Item 3.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emission unit 0-00001 emits trichloroethylene at an emission rate potential of less than 10 lbs/hr and an actual annual emission rate of approximately 700 pounds

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per year. Trichloroethylene is a moderate toxic compound and is assigned the environmental rating B. Table 2 of 6 NYCRR Part 212.9(b) specifies that for B rated contaminants with an emission rate potential (ERP) less than 10 lbs/hr, the degree of air cleaning required shall be specified by the commissioner. At the current emission rate(s) and a minimum stack height of 29 feet, expected offsite ambient concentrations are below the existing annual guideline concentration (AGC) and short-term guideline concentration (SGC) listed in the Department's guideline document, DAR-1.

Based on facility wide impacts at the current emission rate and stack height, no air cleaning (control) for this contaminant is required at this time. Should new information become available that results in a decision by DEC that lower ambient concentrations and emissions of this contaminant are necessary, the Department may require control of this contaminant.

An increase in emissions to greater than 700 pounds in any consecutive 12 month period and /or a change in the stack height are operational changes subject the permit condition for Operational Flexibility, pursuant to 6 NYCRR 201-5.4(b), contained elsewhere in this permit.

Trichloroethylene emissions shall be included in the facility's monthly emission determinations and a summary of emissions shall be include in the facility's annual capping certification.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

Subsequent reports are due every 12 calendar month(s).

Condition 4: Applicability statement

Effective between the dates of 08/31/2005 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 63.460(a), Subpart T

Item 4.1:

This Condition applies to Emission Unit: U-10000



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Item 4.2:

The provisions of this subpart apply to each individual batch vapor, in-line vapor, in-line cold, and batch cold solvent cleaning machine that uses any solvent containing methylene chloride (CAS No. 75-09-2), perchloroethylene (CAS No. 127-18-4), trichloroethylene (CAS No. 79-01-6), 1,1,1-trichloroethane (CAS No. 71-55-6), carbon tetrachloride (CAS No. 56-23-5) or chloroform (CAS No. 67-66-3), or any combination of these HAP solvents, in a total concentration greater than 5 percent by weight, as a cleaning and/or drying agent. The concentration of these solvents may be determined using EPA test method 18, material safety data sheets, or engineering calculations. Wipe cleaning activities, such as using a rag containing halogenated solvent or a spray cleaner containing halogenated solvent are not covered under the provisions of this subpart.

Condition 5: Part 63 General Provisions requirements
Effective between the dates of 08/31/2005 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 63.460(b), Subpart T

Item 5.1:

This Condition applies to Emission Unit: U-10000

Item 5.2:

Owners or operators of affected sources subject to 40CFR63 Subpart T must also comply with the requirements of Subpart A of Part 63, according to the applicability of Subpart A to such sources, as identified in Appendix B of Subpart T. Subpart A is the General Provisions for the NESHAP for Source Categories regulations. The General Provisions contain requirements for performance testing, monitoring, notification, recordkeeping, reporting, and control devices that may apply to the source.

Condition 6: Compliance Demonstration
Effective between the dates of 08/31/2005 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 63.464(a)(1), Subpart T

Item 6.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10000

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 6.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

As an alternative to complying with the requirements in 40CFR63.463, the owner/operator of a batch vapor solvent cleaning machine may elect to comply with the

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following:

If the cleaning machine has a solvent/air interface as defined in 40CFR63.461, the owner/operator shall maintain a log of solvent additions and deletions for each solvent cleaning machine.

The owner/operator shall also ensure that the emissions from each solvent cleaning machine are equal to or less than 150 kg/sq. m./month on a 3-month rolling average. The emissions shall be determined according to the procedures in 40CFR63.465(b) and (c).

Parameter Monitored: HAP

Upper Permit Limit: 150 kilograms per hour per square meter (vapor degreasers)

Reference Test Method: see 63.465(b) & (c)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

Subsequent reports are due every 12 calendar month(s).

Condition 7: Compliance Demonstration
Effective between the dates of 08/31/2005 and Permit Expiration Date

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

Item 7.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10000

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 7.2:

Compliance Demonstration 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 §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

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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 §63.465(c). The solvent cleaning machine does not have to be emptied and filled with fresh unused solvent prior to the calculations.

Monitoring Frequency: MONTHLY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 8: Compliance Demonstration
Effective between the dates of 08/31/2005 and Permit Expiration Date

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

Item 8.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10000

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 8.2:

Compliance Demonstration 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 §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:

$$E_i = (SA_i - LSR_i - SSR_i) / AREA_i$$

(Eq. 2)

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$$E_n = S_{Ai} - LSR_i - SSR_i$$

(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).

S_{Ai} = 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).

$AREA_i$ = the solvent/air interface area of the solvent cleaning machine (square meters).

(2) Determine SSR_i 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:

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

(Eq. 4)

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

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(Eq. 5)

Where:

E_{Ai} = 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).

E_{An} = the average halogenated HAP solvent emissions over the preceding 3 monthly reporting periods (kilograms of solvent per month).

E_i = 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_n = 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 $j=2$.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 3-MONTH AVERAGE ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

Subsequent reports are due every 12 calendar month(s).

Condition 9: Recordkeeping

Effective between the dates of 08/31/2005 and Permit Expiration Date

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

Item 9.1:

This Condition applies to Emission Unit: U-10000

Item 9.1:

(this space used for Emission Unit)

Item 9.2: 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.



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- (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 10: Compliance Demonstration

Effective between the dates of 08/31/2005 and Permit Expiration Date

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

Item 10.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10000

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 10.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner/operator of a new solvent cleaning machine shall submit an initial notification report. New sources shall submit this report as soon as practicable before the construction or reconstruction is planned to commence. This report shall include all of the following information:

- 1) The applicant's name and address.
- 2) A notification of intention to construct a new major affected source or reconstruct an existing major affected source.
- 3) The address of the source.
- 4) The expected commencement date of construction or reconstruction.
- 5) The expected completion date of construction or reconstruction.
- 6) The expected date of initial startup.
- 7) A brief description of each solvent cleaning machine including machine type (batch vapor, in-line, etc.), solvent/air interface area, and existing controls.
- 8) The anticipated compliance approach for each solvent cleaning machine.
- 9) The estimate of annual halogenated HAP solvent

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consumption for each solvent cleaning machine.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 11: Initial statement of compliance for new batch vapor or
in-line machines complying with the overall emission
limit
Effective between the dates of 08/31/2005 and Permit Expiration Date**

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

Item 11.1:

This Condition applies to Emission Unit: U-10000

Item 11.2:

Each owner/operator of a batch vapor or in-line machine complying with the provisions of 40CFR63.464 shall submit an initial statement of compliance for each solvent cleaning machine no later than 150 days after startup. This statement shall include the following:

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

**Condition 12: Compliance Demonstration
Effective between the dates of 08/31/2005 and Permit Expiration Date**

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

Item 12.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10000

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 12.2:

Compliance Demonstration 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



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§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).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

Subsequent reports are due every 12 calendar month(s).

Condition 13: Compliance Demonstration

Effective between the dates of 08/31/2005 and Permit Expiration Date

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

Item 13.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10000

Item 13.2:

Compliance Demonstration 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 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 exceedance occurs. Once an exceedance has occurred the owner or operator shall follow a quarterly reporting format until a request to reduce reporting frequency under 40CFR 63.468(i) is approved. Exceedance reports shall be delivered or

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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 (1) through (3) of this condition.

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

Subsequent reports are due every 6 calendar month(s).



STATE ONLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Public Access to Recordkeeping for Facilities With State Facility Permits - 6NYCRR Part 201-1.10(a)

Where emission source owners and/or operators keep records pursuant to compliance with the operational flexibility requirements of 6 NYCRR Subpart 201-5.4(b)(1) , and/or the emission capping requirements of 6 NYCRR Subparts 201-7.2(d), 201-7.3(f), 201-7.3(g), 201-7.3(h)(5), 201-7.3(i) and 201-7.3(j), the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Emission source owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department of receipt of the request.

Item B: General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5

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.

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

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law.

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.

Condition 14: Contaminant List

Effective between the dates of 08/31/2005 and Permit Expiration Date

Applicable State Requirement: ECL 19-0301

Item 14.1:

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

CAS No: 000108-10-1

Name: 2-PENTANONE, 4-METHYL

CAS No: 000100-41-4

Name: ETHYLBENZENE

CAS No: 0NY100-00-0

Name: HAP

CAS No: 000078-93-3

Name: METHYL ETHYL KETONE

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 000108-88-3

Name: TOLUENE

CAS No: 000079-01-6

Name: TRICHLOROETHYLENE

CAS No: 0NY998-00-0

Name: VOC

CAS No: 001330-20-7

Name: XYLENE, M, O & P MIXT.

Condition 15: Unavoidable noncompliance and violations

Effective between the dates of 08/31/2005 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-1.4



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Item 15.1:

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 issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. 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. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

(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.

(e) In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets.

Condition 16: Emission Unit Definition

Effective between the dates of 08/31/2005 and Permit Expiration Date



Applicable State Requirement: 6NYCRR 201-5

Item 16.1:

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

Emission Unit: U-10000

Emission Unit Description:

Halogenated solvent cleaning machine used to clean aluminum parts prior to vacuum brazing. Solvent cleaning machine has refrigerated condenser coils for solvent control.

Building(s): #3

Item 16.2:

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

Emission Unit: U-20000

Emission Unit Description:

Emission unit consists of four (4) paint spray booths for applying wet coatings. The unit also has four (4) paint bake ovens, one (1) silk screen oven and one (1) hardware bake oven. Spray booth emission points are C, D, F and G. Paint bake oven emission points are H, I J, and K. Silk screen emission point is L. Hardware oven emission point is M.

Building(s): 1
4
5

Item 16.3:

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

Emission Unit: U-30000

Emission Unit Description:

Emission unit consists of a salt bath for aluminum braze parts.

Building(s): #2

Condition 17: Compliance Demonstration

Effective between the dates of 08/31/2005 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5.4(b)

Item 17.1:

The Compliance Demonstration activity will be performed for the Facility.

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Item 17.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operational Flexibility:

Additional coatings and /or formulations, or increases in existing coatings and/or formulations, that meet the following criteria may also be used at the facility.

1. The owner or operator shall maintain a log of all coatings and formulations used at the facility.
2. Each coating and/or formulation, shall be evaluated prior to use and comply this condition for operational flexibility.
3. Prior to any proposed changes or modifications the owner or operator shall identify all potential pollutants, including A-rated contaminants, hazardous air pollutants (HAPs), volatile organic compounds (VOCs), and non-VOC pollutants, and the corresponding emission rates that will occur as a result of the proposed changes or modifications. A-rated contaminants are those contaminants listed with a "high" toxicity in the Department's most recent DAR -1 (formerly Air Guide 1) guidance document, and any other contaminants that may be A-rated by the Department;
4. Non-VOC pollutants, which are not A-rated, shall be assigned an environmental rating of "B";
5. Application of the coatings or formulations will not result in the emission of any A-rated contaminant with an emission rate potential equal to or greater than 1.0 pound/hr;
6. Application of the coatings or formulations will not result in the emission of any non-A rated, non-VOC contaminant with an emission rate potential equal to or greater than 10.0 pounds/hr;
7. The emission of any contaminant shall not cause an off-site ambient concentration in excess of the Annual Guideline Concentration (AGC) and/or Short Term Guideline Concentration (SGC), established in the Department's most recent DAR-1 guidance document, for each contaminant

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emitted;

8. A facility wide DAR-1 (Air Guide 1) analysis must be completed that demonstrates there are no predicted off-site ambient concentration in excess of the AGC or SGC for each contaminant.

9. Certain changes which meet the criteria under (i) - (iii) below may be conducted without prior approval of the Department and shall not require modification of the permit. The facility owner and/or operator must however maintain records of the date and description of such changes and make such records available for review by Department representatives upon request.

(i) Changes that do not cause emissions to exceed any emission limitation contained in regulations or applicable requirements under 6 NYCRR.

(ii) Changes which do not cause the subject emission unit, emission source, process, or emission point to become subject to any additional regulations or requirements under 6 NYCRR.

(iii) Changes that do not seek to establish or modify a federally-enforceable emission cap or limit.

10. In addition to the record keeping required above, the permittee must notify the Department in writing at least 30 calendar days in advance of making changes involving:

(i) the installation or relocation of any emission unit, emission source, process, or emission point within a facility;

(ii) the emission of any air pollutant not previously authorized or emitted in accordance with a permit issued by the Department;

(iii) the installation or alteration of any air cleaning installation, device or control equipment.

11. The Department may require a permit modification, in

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order to impose applicable requirements or special permit conditions if it determines that changes proposed pursuant to notification under (10) above do not meet the criteria under (9) above or the change may have a significant air quality impact. In such cases the Department may require that the permittee not undertake the proposed change until it completes a more detailed review of the change for air quality impacts and/or applicable requirements. The Department shall respond to the permittee in writing with such a determination within 15 days of receipt of the 30 day advance notification from the permittee. The Department's determination shall include a listing of information necessary to further review the proposed change.

12. A summary of all activities conducted under this operational flexibility shall be reported in the facility's annual emissions cap certification submitted pursuant to 6 NYCRR Part 201-7.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

Subsequent reports are due every 12 calendar month(s).

Condition 18: Facility Permissible Emissions

Effective between the dates of 08/31/2005 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-7.2

Item 18.1:

The sum of emissions from the emission units specified in this permit shall not equal or exceed the following

Potential To Emit (PTE) rate for each regulated contaminant:

CAS No: 000078-93-3 PTE: 20,000 pounds per year
Name: METHYL ETHYL KETONE

CAS No: 000079-01-6 PTE: 20,000 pounds per year
Name: TRICHLOROETHYLENE

CAS No: 000100-41-4 PTE: 20,000 pounds per year
Name: ETHYLBENZENE



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CAS No: 000108-10-1 PTE: 20,000 pounds per year
Name: 2-PENTANONE, 4-METHYL

CAS No: 000108-88-3 PTE: 20,000 pounds per year
Name: TOLUENE

CAS No: 001330-20-7 PTE: 20,000 pounds per year
Name: XYLENE, M, O & P MIXT.

CAS No: 0NY100-00-0 PTE: 50,000 pounds per year
Name: HAP

CAS No: 0NY998-00-0 PTE: 20,000 pounds per year
Name: VOC

Condition 19: Capping Monitoring Condition
Effective between the dates of 08/31/2005 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-7.2

Item 19.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 201-6.1(a)
6NYCRR 228.1

Item 19.2:

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

Item 19.3:

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.

Item 19.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 19.5:



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The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 19.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 19.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

The facility has chosen to limit (cap) the potential to emit emissions of Volatile Organic Compounds (VOCs) to below the 6 NYCRR, Part 228 applicability threshold of 10 tons per year. By limiting the potential to emit VOCs below 10 tons per year the facility is also below Title V permitting requirements pursuant to 6 NYCRR 201-6.

Total facility emissions of Volatile Organic Compounds (VOCs), as defined in 6 NYCRR Part 200, shall not equal or exceed 10 tons in any consecutive 12 month period (annual maximum rolled monthly).

Compliance with this emission limit (cap) is required for the facility to remain below the applicability thresholds of 6 NYCRR Part 228 and Title V permitting requirements. Verification of monthly and annual VOC emissions shall be determined using compliance demonstration methods acceptable to the Department. A summary of emissions shall be included in the facility's annual emissions cap certification report.

Parameter Monitored: VOC's

Upper Permit Limit: 10 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

Subsequent reports are due every 12 calendar month(s).

Condition 20: Capping Monitoring Condition



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Effective between the dates of 08/31/2005 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-7.2

Item 20.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 201-6.1(a)
40CFR 63-GG

Item 20.2:

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

Item 20.3:

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.

Item 20.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 20.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 20.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 0NY100-00-0 HAP

Item 20.7:

Compliance Demonstration shall include the following monitoring:

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



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The facility has chosen to limit (cap) the potential to emit emissions of total Hazardous Air Pollutants (HAPs) to below the major source, Title V, permitting threshold of 25 tons per year.

Total facility emissions of Hazardous Air Pollutants (HAPs), as defined in 6 NYCRR Part 200, shall not equal or exceed 25 tons in any consecutive 12 month period (annual maximum rolled monthly).

Compliance with this emission limit (cap) is required for the facility to remain below Title V permitting requirements. Verification of monthly and annual HAP emissions shall be determined using compliance demonstration methods acceptable to the Department. A summary of emissions shall be included in the facility's annual emissions cap certification report.

Parameter Monitored: HAP

Upper Permit Limit: 25 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

Subsequent reports are due every 12 calendar month(s).

Condition 21: Capping Monitoring Condition

Effective between the dates of 08/31/2005 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-7.2

Item 21.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 201-6.1(a)

40CFR 63-GG

Item 21.2:

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

Item 21.3:

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



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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.

Item 21.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 21.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 21.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000079-01-6	TRICHLOROETHYLENE
CAS No: 000100-41-4	ETHYLBENZENE
CAS No: 000108-10-1	2-PENTANONE, 4-METHYL
CAS No: 000108-88-3	TOLUENE
CAS No: 001330-20-7	XYLENE, M, O & P MIXT.
CAS No: 000078-93-3	METHYL ETHYL KETONE

Item 21.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

The facility has chosen to limit (cap) the potential to emit emissions of individual Hazardous Air Pollutants (HAPs) to below the major source, Title V, permitting threshold of 10 tons per year.

Facility emissions of any individual Hazardous Air Pollutant, as defined in 6 NYCRR Part 200, shall not equal or exceed 10 tons in any consecutive 12 month period (annual maximum rolled monthly).

Any HAP, not listed above, added and emitted from the facility as a result of operational flexibility pursuant to 6 NYCRR Part 201-5.4(b) shall also comply with the individual HAP limitation of less than 10 tons in any

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consecutive 12 month period.

Compliance with this emission limit (cap) is required for the facility to remain below Title V permitting requirements. Verification of monthly and annual HAP emissions shall be determined using compliance demonstration methods acceptable to the Department. A summary of emissions shall be included in the facility's annual emissions cap certification report.

Parameter Monitored: HAP

Upper Permit Limit: 10 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

Subsequent reports are due every 12 calendar month(s).

Condition 22: Air pollution prohibited
Effective between the dates of 08/31/2005 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 211.2

Item 22.1:

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.

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

Condition 23: Emission Point Definition By Emission Unit
Effective between the dates of 08/31/2005 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 23.1:

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

Emission Unit: U-10000

Emission Point: 0000B



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Height (ft.): 29 Diameter (in.): 6
NYTMN (km.): 4660.9 NYTME (km.): 411.4 Building: #3

Item 23.2:

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

Emission Unit: U-20000

Emission Point: 0000C

Height (ft.): 11 Length (in.): 24 Width (in.): 24
NYTMN (km.): 4660.9 NYTME (km.): 411.4 Building: 4

Emission Point: 0000D

Height (ft.): 11 Length (in.): 24 Width (in.): 24
NYTMN (km.): 4660.9 NYTME (km.): 411.4 Building: 4

Emission Point: 0000F

Height (ft.): 11 Length (in.): 24 Width (in.): 24
NYTMN (km.): 4660.9 NYTME (km.): 411.4 Building: 5

Emission Point: 0000G

Height (ft.): 11 Length (in.): 24 Width (in.): 24
NYTMN (km.): 4660.9 NYTME (km.): 411.4 Building: 5

Emission Point: 0000H

Height (ft.): 14 Diameter (in.): 10
NYTMN (km.): 4660.9 NYTME (km.): 411.4 Building: 4

Emission Point: 0000I

Height (ft.): 14 Diameter (in.): 10
NYTMN (km.): 4660.9 NYTME (km.): 411.4 Building: 4

Emission Point: 0000J

Height (ft.): 22 Diameter (in.): 10
NYTMN (km.): 4660.9 NYTME (km.): 411.4 Building: 5

Emission Point: 0000K

Height (ft.): 22 Diameter (in.): 10
NYTMN (km.): 4660.9 NYTME (km.): 411.4 Building: 5

Emission Point: 0000L

Height (ft.): 12 Diameter (in.): 10
NYTMN (km.): 4660.9 NYTME (km.): 411.4 Building: 5

Emission Point: 0000M

Height (ft.): 6 Diameter (in.): 4
NYTMN (km.): 4660.9 NYTME (km.): 411.4 Building: 1

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Item 23.3:

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

Emission Unit: U-30000

Emission Point: 0000A

Height (ft.): 18

Length (in.): 10

Width (in.): 10

NYTMN (km.): 4660.9

NYTME (km.): 411.4

Building: #2

Condition 24: Process Definition By Emission Unit

Effective between the dates of 08/31/2005 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 24.1:

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

Emission Unit: U-10000

Process: 001

Source Classification Code: 4-01-002-55

Process Description:

Aluminum parts are placed in the solvent cleaning machine for removal of contaminants prior to vacuum brazing.

Emission point B.

Emission Source/Control: 00001 - Process

Item 24.2:

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

Emission Unit: U-20000

Process: 002

Source Classification Code: 4-02-001-10

Process Description:

Aluminum parts are coated in spray booths numbers 1, 2, 4 and 5. Parts are then baked in ovens numbers 1, 2, 3 and 4. silkscreen oven - L (EP 0000L) and hardware parts are dried in hardware oven - M (EP 0000M). The spray booths and bake ovens are located in buildings 1, 4 and 5.

Emission Source/Control: 00002 - Process

Emission Source/Control: 00003 - Process

Emission Source/Control: 00004 - Process

Emission Source/Control: 00005 - Process



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Emission Source/Control: 00006 - Process

Emission Source/Control: 00007 - Process

Emission Source/Control: 00008 - Process

Emission Source/Control: 00009 - Process

Emission Source/Control: 00010 - Process

Emission Source/Control: 00011 - Process

Item 24.3:

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

Emission Unit: U-30000

Process: 003

Source Classification Code: 3-09-001-99

Process Description:

Aluminum braze parts are placed in a salt bath for conditioning. Bath is heated. Emission point A.

Emission Source/Control: 00012 - Process