

**New York State Department of Environmental Conservation**  
**Facility DEC ID: 6301600061**



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

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
Permit ID: 6-3016-00061/00015  
Mod 0 Effective Date: 11/17/2000 Expiration Date: No expiration date.  
Mod 1 Effective Date: 12/06/2004 Expiration Date: No expiration date.  
Mod 2 Effective Date: 10/24/2006 Expiration Date: No expiration date.

Permit Issued To: UTICA CUTLERY CO  
820 NOYES ST  
UTICA, NY 13502-5053

Facility: UTICA CUTLERY CO  
820 NOYES ST  
UTICA, NY 13502

Contact: WILLIAM C HARRIS  
UTICA CUTLERY CO  
820 NOYES ST  
UTICA, NY 13502-5053  
(315) 733-4663

Description:  
Utica Cutlery is requesting a modification to its State Facility Permit.

This Facility chooses to add an emission unit U-000C, which is a cyclone and its associated buffing machines as well as connecting ductwork and a blower. The cyclone is a control device intended to remove particulates from the process airstream.

In addition, UC chooses to change its compliance approach to 40CFR 63.464 (Alternative Standards). The Detrex degreaser is to be classified as "new" because its last reconstruction occurred after 11/29/93. The solvent/air interface is 4.47 square meters. Per Table 5:  $(4.47 \text{ sq meters})(99 \text{ kg/sq meter}/3\text{-month rolling average}) = 442.53 \text{ kg/mo} = 975.5 \text{ lbs}/3\text{-month rolling average}$ . UC chooses to accept 975.5 lbs/3-month rolling average as its trichloroethylene cap in order to comply with Subpart T.

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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:           BRIAN D FENLON  
                                          DIVISION OF ENVIRONMENTAL PERMITS  
                                          STATE OFFICE BLDG, 317 WASHINGTON ST  
                                          WATERTOWN, NY 13601-3787

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

Applications for Permit Renewals and Modifications

Permit Modifications, Suspensions and Revocations by the Department

Permit Modifications, Suspensions, and Revocations by the Department

**Facility Level**

Submission of Applications for Permit Modification or Renewal -REGION 6  
HEADQUARTERS



**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 1-1: Applications for Permit Renewals and Modifications**  
**Applicable State Requirement: 6NYCRR 621.13**

**Item 1-1.1:**

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 1-1.2:**

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 1-1.3:**

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

**Expired by Mod No: 1**

**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 1-2: Permit Modifications, Suspensions and Revocations by the Department**  
**Applicable State Requirement: 6NYCRR 621.14**

**Item 1-2.1:**

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.

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

**Expired by Mod No: 1**

**Item 4.1:**

The Department reserves the right to modify, suspend, or revoke this permit. The grounds for 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 6 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 6 Headquarters  
Division of Environmental Permits  
State Office Building, 317 Washington Street  
Watertown, NY 13601-3787  
(315) 785-2245

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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: UTICA CUTLERY CO  
820 NOYES ST  
UTICA, NY 13502-5053

Facility: UTICA CUTLERY CO  
820 NOYES ST  
UTICA, NY 13502

Authorized Activity By Standard Industrial Classification Code:  
3421 - CUTLERY

Mod 0 Permit Effective Date: 11/17/2000

Permit Expiration Date: No expiration date.

Mod 1 Permit Effective Date: 12/06/2004

Permit Expiration Date: No expiration date.

Mod 2 Permit Effective Date: 10/24/2006

Permit Expiration Date: No expiration date.



**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Emission Unit Level**

**EU=0-U000C,EP=U0001**

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

**EU=0-U000P**

- 25 6NYCRR 212.4(a): Emissions from new emission sources and/or modifications
- 2-3 40CFR 63.460(a), Subpart T: Applicability statement
- 2-4 40CFR 63.464, Subpart T: Compliance Demonstration
- 2-5 40CFR 63.464(a)(1), Subpart T: Compliance Demonstration
- 2-6 40CFR 63.465(b), Subpart T: Test Method: ensuring that only clean liquid solvent is used
- 2-7 40CFR 63.465(c), Subpart T: Compliance Demonstration
- 2-8 40CFR 63.465(e), Subpart T: PTE determination
- 2-9 40CFR 63.467(c), Subpart T: Recordkeeping
- 2-10 40CFR 63.468(b), Subpart T: Compliance Demonstration
- 2-11 40CFR 63.468(e), Subpart T: Initial statement of compliance for new batch vapor or in-line machines complying with the overall emission limit
- 2-12 40CFR 63.468(g), Subpart T: Compliance Demonstration
- 2-13 40CFR 63.468(h), Subpart T: Compliance Demonstration

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 1-1 ECL 19-0301: Contaminant List
- 1-2 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 36 6NYCRR 201-5: Emission Unit Definition
- 38 6NYCRR 211.2: Air pollution prohibited

**Emission Unit Level**

- 39 6NYCRR 201-5: Emission Point Definition By Emission Unit
- 40 6NYCRR 201-5: Process Definition By Emission Unit



**FEDERALLY ENFORCEABLE CONDITIONS**

**\*\*\*\* Emission Unit 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 2-1: Compliance Demonstration**

**Effective between the dates of 10/24/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.4(c)**

**Item 2-1.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-U000C Emission Point: U0001

**Item 2-1.2:**

Compliance Demonstration shall include the following monitoring:

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

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. The Department reserves the right to perform or require the performance of a Method 5 emissions evaluation at any



time.

The permittee will conduct compliance verifications at the monitoring frequency stated below. These verifications include review of pertinent information relating to particulate emissions of the source, including but not limited to production rate, process material, air flow rate, control equipment parameters, visible emissions, etc. The permittee will confirm that during source operation all pertinent parameters (whether used to directly calculate particulate emission rate, or as surrogates) are within ranges that ensure compliance with the particulate emission rate.

Additionally, the permittee will investigate, in a timely manner, any instance where there is cause to believe that particulate emissions above 0.050 gr/dscf are occurring or have occurred. These instances include but are not limited to process upsets, control device malfunctions or problems, abnormal visible emissions, complaints, etc. The permittee shall determine the cause of any exceedance, make the necessary correction, and verify that the excess emissions problem has been corrected.

Records of these verifications, investigations and corrective actions will be kept on-site. Should the Department determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Parameter Monitored: PARTICULATES  
Upper Permit Limit: 0.050 grains per dscf  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2007.  
Subsequent reports are due every 12 calendar month(s).

**Condition 2-2: Compliance Demonstration**  
**Effective between the dates of 10/24/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.6(a)**

**Item 2-2.1:**



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The Compliance Demonstration activity will be performed for:

Emission Unit: 0-U000C Emission Point: U0001

**Item 2-2.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

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 investigate, in a timely manner, any instance where there is cause to believe that visible emissions have the potential to exceed the opacity standard.

The permittee shall investigate the cause, make any necessary corrections, and verify that the excess visible emissions problem has been corrected. If visible emissions with the potential to exceed the standard continue, the permittee will conduct a Method 9 assessment within the next operating day of the sources associated with the potential noncompliance to determine the degree of opacity and will notify the NYSDEC if the method 9 test indicates that the opacity standard is not met.

Records of visible emissions observations (or any follow-up method 9 tests), investigations and corrective actions will be kept on-site. Should the Department determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Reference Test Method: Observation of Visible Emissions

Monitoring Frequency: WEEKLY



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Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

**Condition 25: Emissions from new emission sources and/or modifications  
Effective between the dates of 11/17/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.4(a)**

**Item 25.1:**

This Condition applies to Emission Unit: 0-U000P

**Item 25.2:**

No person shall cause or allow emissions that exceed the applicable permissible emission rate as determined from Table 2, Table 3, or Table 4 of 6 NYCRR Part 212 for the environmental rating issued by the commissioner.

**Condition 2-3: Applicability statement  
Effective between the dates of 10/24/2006 and Permit Expiration Date**

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

**Item 2-3.1:**

This Condition applies to Emission Unit: 0-U000P

**Item 2-3.2:**

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 2-4: Compliance Demonstration  
Effective between the dates of 10/24/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 63.464, Subpart T**

**Item 2-4.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-U000P



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Regulated Contaminant(s):

CAS No: 000079-01-6 TRICHLOROETHYLENE

**Item 2-4.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Freeboard Refrigeration Device: The temperature at the center of the air blanket above the vapor zone shall be monitored weekly while the degreaser is idling.

Measurement is to be made with a thermometer or thermocouple and must be no greater than 30% of the solvent boiling point. An exceedence has occurred when this temperature exceeds 56.7 degrees F (for trichloroethylene). Weekly records are to be kept onsite for at least five years. No reporting required unless by NYSDEC request.

Parameter Monitored: TEMPERATURE CALCULATED LIMIT

Upper Permit Limit: 56.7 degrees Fahrenheit

Monitoring Frequency: WEEKLY

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -  
SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 2-5: Compliance Demonstration**

**Effective between the dates of 10/24/2006 and Permit Expiration Date**

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

**Item 2-5.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-U000P

**Item 2-5.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:

To comply with the alternative standard, the owner or operator must:

1. Maintain a log of solvent additions and deletions for

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each solvent cleaning machine.

2. Ensure that emissions from each solvent cleaning machine are equal or less than 99 kilograms/square meter/month, as determined using the procedures in 63.465(b) and (c).

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: SOLVENT

Upper Permit Limit: 99 kilograms per month per square meter

Monitoring Frequency: MONTHLY

Averaging Method: 3-MONTH AVERAGE ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

**Condition 2-6: Test Method: ensuring that only clean liquid solvent is used**  
**Effective between the dates of 10/24/2006 and Permit Expiration Date**

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

**Item 2-6.1:**

This Condition applies to Emission Unit: 0-U000P

**Item 2-6.2:**

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

**Condition 2-7: Compliance Demonstration**  
**Effective between the dates of 10/24/2006 and Permit Expiration Date**

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

**Item 2-7.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-U000P

Regulated Contaminant(s):

**New York State Department of Environmental Conservation**

**Permit ID: 6-3016-00061/00015**

**Facility DEC ID: 6301600061**



CAS No: 0NY100-00-0 HAP

**Item 2-7.2:**

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 the month, comply with the requirements specified in paragraphs (c)(1) through (3) of this section.

(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:

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

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).

$S_{Ai}$  = 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 (c)(2) of this section, 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).

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(2) Determine SSR<sub>i</sub> using the method specified in paragraph (c)(2)(i) or (c)(2)(ii) of this section.

(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:

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

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).

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).

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: MONTHLY

Averaging Method: 3-MONTH AVERAGE ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

**Condition 2-8: PTE determination**

**Effective between the dates of 10/24/2006 and Permit Expiration Date**



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

**Item 2-8.1:**

This Condition applies to Emission Unit: 0-U000P

**Item 2-8.2:**

An owner or operator of a source shall determine their potential to emit from all solvent cleaning operations, using the procedures described in paragraphs (1) through (3) of this condition. A facility's total potential to emit is the sum of the HAP emissions from all solvent cleaning operations, plus all HAP emissions from other sources within the facility.

(1) Determine the potential to emit for each individual solvent cleaning using Equation 6.

$$PTE_i = (H_i)(W_i)(SAI_i) \quad (\text{Eq. 6})$$

Where:

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

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

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

$W_i$  = the working mode uncontrolled emission rate (kilograms per square meter per hour).

= 1.95 kilograms per square meter per hour for batch vapor and cold cleaning machines.

= 1.12 kilograms per square meter per hour for in-line cleaning machines.

$SAI_i$  = solvent/air interface area of solvent cleaning machine i (square meters). 40CFR 63.46 defines the solvent/air interface area for those machines that have a solvent/air interface. Cleaning machines that do not have a solvent/air interface shall calculate a solvent/air interface area using the procedure in paragraph (2) of this condition.

(2) Cleaning machines that do not have a solvent/air interface shall calculate a solvent/air interface area using Equation 7.

$$SAI = (2.20)(Vol)\exp(0.6) \quad (\text{Eq. 7})$$

Where:

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

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

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

**Condition 2-9: Recordkeeping**

**Effective between the dates of 10/24/2006 and Permit Expiration Date**

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

**Item 2-9.1:**

This Condition applies to Emission Unit: 0-U000P



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**Item 2-9.1:**

(this space used for Emission Unit)

Item 2-9.2: 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.

- (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 2-10: Compliance Demonstration**

**Effective between the dates of 10/24/2006 and Permit Expiration Date**

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

**Item 2-10.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-U000P

Regulated Contaminant(s):

CAS No: ONY100-00-0 HAP

**Item 2-10.2:**

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.



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- 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 consumption for each solvent cleaning machine.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 2-11: Initial statement of compliance for new batch vapor or in-line machines complying with the overall emission limit**  
**Effective between the dates of 10/24/2006 and Permit Expiration Date**

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

**Item 2-11.1:**

This Condition applies to Emission Unit: 0-U000P

**Item 2-11.2:**

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 2-12: Compliance Demonstration**  
**Effective between the dates of 10/24/2006 and Permit Expiration Date**

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

**Item 2-12.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-U000P

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP



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**Item 2-12.2:**

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 §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).

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

**Condition 2-13: Compliance Demonstration**

**Effective between the dates of 10/24/2006 and Permit Expiration Date**

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

**Item 2-13.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-U000P

**Item 2-13.2:**

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

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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 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.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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 1-1: Contaminant List**

**Effective between the dates of 12/06/2004 and Permit Expiration Date**

**Applicable State Requirement: ECL 19-0301**

**Item 1-1.1:**

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

CAS No: 000079-01-6

Name: TRICHLOROETHYLENE

**Condition 1-2: Unavoidable noncompliance and violations**

**Effective between the dates of 12/06/2004 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-1.4**

**Item 1-2.1:**

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



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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 36: Emission Unit Definition**  
**Effective between the dates of 11/17/2000 and Permit Expiration Date**

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

**Item 36.1(From Mod 2):**

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

Emission Unit: 0-U000C

Emission Unit Description:

Emission unit is a cyclone dust collector. Dust is generated by the metal polishing operations of 8 automatic buffers (Porter-McLeods) and 3 manual buffers (Clairs). Airstream is pulled through 24 inch diameter ductwork and a squirrel-cage blower, to the cyclone. Cyclone is located near the center of the south side of the main building and is outside. Unit is the northeast-most of three similar-appearing cyclones. Four cyclones are onsite, this emission unit is not to be confused with the three other inactive cyclones.

Building(s): 1

**Item 36.2(From Mod 2):**



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

Emission Unit: 0-U000P

Emission Unit Description:

This emission unit is a Detrex in-line solvent vapor degreaser. Solvent used is trichloroethylene. HAP emissions are released directly into the degreaser room and therefore are not directly vented to the outside atmosphere (this EU has no EP related to it). Compliance approach chosen in 2006 by Utica Cutlery is 63.464, Alternative Standards: Solvent/Air Interface Area = 4.47 sq meters, Detrex is agreed to be classified as "new" due to machine reconstruction after 11/29/93, Table 5: emission limit is 99 kg/sq meter/3-month rolling avg, therefore Utica Cutlery may emit trichloroethylene not to exceed 442.53 kg/3-month roll or 975.5 lbs/3-month rolling average.

Building(s): 1

**Condition 38: Air pollution prohibited**  
**Effective between the dates of 11/17/2000 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 211.2**

**Item 38.1:**

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 39: Emission Point Definition By Emission Unit**  
**Effective between the dates of 11/17/2000 and Permit Expiration Date**

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

**Item 39.1(From Mod 2):**

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

Emission Unit: 0-U000C

Emission Point: U0001



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Height (ft.): 29                      Diameter (in.): 30  
NYTMN (km.): 4770.5      NYTME (km.): 479.6      Building: 1

**Condition 40: Process Definition By Emission Unit**  
**Effective between the dates of 11/17/2000 and Permit Expiration Date**

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

**Item 40.1(From Mod 2):**

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

Emission Unit: 0-U000C  
Process: 005                                      Source Classification Code: 3-09-030-04  
Process Description:

Buffing, grinding and polishing with vertical and/or horizontal buffing machines (8 Porter-McLeod automatic buffers and 3 Clair manual buffers). Stainless and carbon steel pocket knife components are racked by hand and racks are placed into fixtures. Machines polish knife parts with cloth buffs at 3000 RPM. Buffs are previously prepared with gelatin adhesive and aluminum oxide abrasive grit. Polishing compound is applied by hand onto buffs. Smoke and dust (metal PMs, aluminum oxide grit and buff cloth fibers) are extracted from machines with a 20,000 CFM blower and then blown outside into the cyclone unit. Particles lose momentum and fall into collector funnel at base of cyclone. Particles are collected and landfill-disposed.

Emission Source/Control: CYCLN - Control  
Control Type: SINGLE CYCLONE

Emission Source/Control: BUFG - Process

**Item 40.2(From Mod 2):**

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

Emission Unit: 0-U000P  
Process: 004                                      Source Classification Code: 3-01-051-08  
Process Description:

The operation of a Detrex Solvent In-line Solvent Degreaser that utilizes trichloroethylene to clean various metal and plastic pocket knife components. As of Modification #2 (2006), Utica Cutlery chooses 63.464 (Alternative Standards) as it's compliance approach.

Emission Source/Control: DEGRS - Process