



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 9-1430-00007/02001
Mod 0 Effective Date: 05/22/2003 Expiration Date: No expiration date.
Mod 1 Effective Date: 04/28/2006 Expiration Date: No expiration date.
Mod 2 Effective Date: 08/08/2007 Expiration Date: No expiration date.

Permit Issued To: ITT INDUSTRIES INC
4 WEST RED OAK LN
WEST HARRISON, NY 10604

Contact: JOSEPH MCNAMARA
ITT INDUSTRIES INC
175 STANDARD PKWY
BUFFALO, NY 14227
(716) 897-2800

Facility: ITT HEAT TRANSFER
175 STANDARD PKWY
CHEEKTOWAGA, NY 14227

Contact: JOSEPH MCNAMARA
ITT INDUSTRIES INC
175 STANDARD PKWY
BUFFALO, NY 14227
(716) 897-2800

Description:
ITT Heat Transfer, Inc. (ITT) manufactures heat transfer units. This permit modification removes emission unit U-00003, which previously consisted of a Continental aqueous parts washer/degreaser. This emission unit was added to the permit in MOD 1 because it was reported by the permittee that the parts washer used mild alkaline detergent with a VOC content of >10%. Since MOD 1 was issued, however, the permittee received updated information showing that the actual VOC content of the cleaning solution was actually less than 2% by volume. Based on the new information, the parts washer qualifies for the exemptions in 6NYCRR Parts 201-3.2(c)(39)(iii) and 226.6(a)(4). In June 2007, the Continental parts washer was replaced with a Hurricane Parts Cleaning System which will be used in the same manner as the Continental and will qualify for each of the exemption noted above.

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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: DAVID S DENK
 DIVISION OF ENVIRONMENTAL PERMITS
 270 MICHIGAN AVE
 BUFFALO, NY 14203-2999

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, modifications and transfers
- Applications for Permit Renewals and Modifications
- Permit modifications, suspensions or revocations by the Department
- Permit Modifications, Suspensions and Revocations by the Department

Facility Level

- Submission of Applications for Permit Modification or Renewal -REGION 9
HEADQUARTERS
- Submission of application for permit modification or renewal-REGION 9
HEADQUARTERS



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

Condition 2: Facility Inspection by the Department
Applicable State Requirement: ECL 19-0305

Item 2.1:

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 2.2:

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 2.3:

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

Item 1.1:

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 2-1: Applications for permit renewals, modifications and transfers
Applicable State Requirement: 6NYCRR 621.11

Item 2-1.1:

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 2-1.2:

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 2-1.3:

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



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actual transfer of ownership.

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 transfer of ownership.

Condition 2-2: Permit modifications, suspensions or revocations by the Department
Applicable State Requirement: 6NYCRR 621.13

Item 2-2.1:

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

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,

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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 9 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 9 Headquarters
Division of Environmental Permits
270 Michigan Avenue
Buffalo, NY 14203-2999
(716) 851-7165

Condition 2-3: Submission of application for permit modification or renewal-REGION 9 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.6(a)

Item 2-3.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 9 Headquarters
Division of Environmental Permits
270 Michigan Avenue
Buffalo, NY 14203-2999
(716) 851-7165

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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: ITT INDUSTRIES INC
4 WEST RED OAK LN
WEST HARRISON, NY 10604

Facility: ITT HEAT TRANSFER
175 STANDARD PKWY
CHEEKTOWAGA, NY 14227

Authorized Activity By Standard Industrial Classification Code:
3443 - FABRICATED PLATE WORK (BOILER SHOPS)

Mod 0 Permit Effective Date: 05/22/2003

Permit Expiration Date: No expiration date.

Mod 1 Permit Effective Date: 04/28/2006

Permit Expiration Date: No expiration date.

Mod 2 Permit Effective Date: 08/08/2007

Permit Expiration Date: No expiration date.



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 2-1 6NYCRR 228: Compliance Demonstration
- 1 6NYCRR 228: Compliance Demonstration

Emission Unit Level

EU=U-00001

- 2 6NYCRR 212.4(c): Compliance Demonstration
- 3 6NYCRR 212.6(a): Compliance Demonstration
- 2-2 6NYCRR 228.4: Compliance Demonstration
- 2-3 6NYCRR 228.5(a): Compliance Demonstration
- 2-4 6NYCRR 228.7: Compliance Demonstration
- 2-5 6NYCRR 228.7: Compliance Demonstration
- 2-6 6NYCRR 228.7: Compliance Demonstration
- 2-7 6NYCRR 228.7: Compliance Demonstration
- 2-8 6NYCRR 228.10: Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 11 ECL 19-0301: Contaminant List
- 12 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 13 6NYCRR 201-5: Emission Unit Definition
- 14 6NYCRR 211.2: Air pollution prohibited

Emission Unit Level

- 15 6NYCRR 201-5: Emission Point Definition By Emission Unit
- 16 6NYCRR 201-5: Process Definition By Emission Unit



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 2-1: Compliance Demonstration

Effective between the dates of 08/08/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228

Item 2-1.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 2-1.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

ITT Heat Transfer, Inc. (ITT) currently has an actual volatile organic compound (VOC) emission rate of 4.17 tons per year and a total VOC potential-to-emit rate of 19.39 tons per year. The facility is currently not subject to the requirements of 6 NYCRR Part 228 - Surface Coating

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Processes even though this Air State Facility permit contains conditions listing various portions of Part 228 as the applicable federal requirement. ITT has opted against accepting a VOC emission cap which would limit its VOC emissions below 10 tons per year. An emission cap would keep the facility from becoming subject to the requirements of Part 228.

Instead, ITT has requested incorporation of this Operational Flexibility Plan into the facility's Air State Facility permit. This Plan details the requirements for the facility while their actual VOC emissions are less than the Part 228 applicability level of 10 tons per year.

The Plan also details the transition to full Part 228 applicability if the facility's VOC emissions approach the Part 228 applicability level.

ITT has agreed to maintain their VOC emissions below 10 tons per year on a monthly rolling total basis, unless the Regional Air Pollution Control Engineer (RAPCE) has received prior notification from ITT. The ITT facility will become subject to the requirements of Part 228 if total VOC emissions exceed 10 tons per year, calculated on a monthly basis as the total of the 12 most recent months.

Once the facility becomes subject to Part 228, it will continue to be subject to the rule, even if the total VOC emissions fall below 10 tons per year.

To be in compliance with this Plan, ITT must determine the facility's total annual VOC emission on a monthly rolling basis. ITT will track usage/consumption and maintain all necessary records showing the quantity of all VOC containing materials used at the facility. If properly documented, ITT may subtract from the facility's total annual VOC emission the amount of VOC containing materials removed from the facility via waste disposal. The records must include the VOC content of the materials and be based on verifiable data. ITT must maintain purchase orders and/or invoices of the VOC containing materials to confirm the general accuracy of the records. These records shall be kept on site for a minimum of five years and will be made available to the Department upon request.

ITT must submit an annual report to the Department which details, for each month, the facility's total annual VOC emission rate calculated on a rolling, monthly basis. The annual report will be due 30 days after the end of each



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calendar year and must be submitted to the following addresses:

NYSDEC
Regional Air Pollution Control Engineer
270 Michigan Avenue
Buffalo, New York 14203-2999

NYSDEC
Bureau of Stationary Sources
625 Broadway
Albany, NY 12233-3254

ITT must notify the Regional Air Pollution Control Engineer (RAPCE) prior to exceeding the 10 tons of VOC emissions per year limit. After notification, the RAPCE will allow the facility to exceed the 10 tons per year limit. At that time, ITT becomes subject to Part 228 and must comply with the Part 228 requirements found in this permit. A permit modification will not be required.

Monitoring Frequency: MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2008.
Subsequent reports are due every 12 calendar month(s).

Condition 1: Compliance Demonstration
Effective between the dates of 05/22/2003 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228

Item 1.1:
The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 1.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
ITT Heat Transfer, Inc. (ITT) currently has an actual volatile organic compound (VOC) emission rate of 4.17 tons per year and a total VOC potential-to-emit rate of 19.39 tons per year. The facility is currently not subject to

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the requirements of 6 NYCRR Part 228 - Surface Coating Processes even though this Air State Facility permit contains conditions listing various portions of Part 228 as the applicable federal requirement. ITT has opted against accepting a VOC emission cap which would limit its VOC emissions below 10 tons per year. An emission cap would keep the facility from becoming subject to the requirements of Part 228.

Instead, ITT has requested incorporation of this Operational Flexibility Plan into the facility's Air State Facility permit. This Plan details the requirements for the facility while their actual VOC emissions are less than the Part 228 applicability level of 10 tons per year.

The Plan also details the transition to full Part 228 applicability if the facility's VOC emissions approach the Part 228 applicability level.

ITT has agreed to maintain their VOC emissions below 10 tons per year on a monthly rolling total basis, unless the Regional Air Pollution Control Engineer (RAPCE) has received prior notification from ITT. The ITT facility will become subject to the requirements of Part 228 if total VOC emissions exceed 10 tons per year, calculated on a monthly basis as the total of the 12 most recent months.

Once the facility becomes subject to Part 228, it will continue to be subject to the rule, even if the total VOC emissions fall below 10 tons per year.

To be in compliance with this Plan, ITT must determine the facility's total annual VOC emission on a monthly rolling basis. ITT will track usage/consumption and maintain all necessary records showing the quantity of all VOC containing materials used at the facility. If properly documented, ITT may subtract from the facility's total annual VOC emission the amount of VOC containing materials removed from the facility via waste disposal. The records must include the VOC content of the materials and be based on verifiable data. ITT must maintain purchase orders and/or invoices of the VOC containing materials to confirm the general accuracy of the records. These records shall be kept on site for a minimum of five years and will be made available to the Department upon request.

ITT must submit an annual report to the Department which details, for each month, the facility's total annual VOC emission rate calculated on a rolling, monthly basis. The

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annual report will be due 30 days after the end of each calendar year and must be submitted to the following addresses:

NYSDEC
Regional Air Pollution Control Engineer
270 Michigan Avenue
Buffalo, New York 14203-2999

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

ITT must notify the Regional Air Pollution Control Engineer (RAPCE) prior to exceeding the 10 tons of VOC emissions per year limit. After notification, the RAPCE will allow the facility to exceed the 10 tons per year limit. At that time, ITT becomes subject to Part 228 and must comply with the Part 228 requirements found in this permit. A permit modification will not be required.

Monitoring Frequency: MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2004.
Subsequent reports are due every 12 calendar month(s).

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

Condition 2: Compliance Demonstration
Effective between the dates of 05/22/2003 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 2.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 2.2:

Compliance Demonstration shall include the following monitoring:

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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: 0.050 grains per dscf

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: UPON REQUEST BY REGULATORY AGENCY

Condition 3: Compliance Demonstration
Effective between the dates of 05/22/2003 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 3.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Item 3.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person will 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.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION



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Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 2-2: Compliance Demonstration

Effective between the dates of 08/08/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.4

Item 2-2.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

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 to the outdoor atmosphere 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



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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.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 2-3: Compliance Demonstration

Effective between the dates of 08/08/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.5(a)

Item 2-3.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 2-3.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of any emission source subject to 6NYCRR Part 228 must maintain and, upon request, provide the Department with a certification from the coating supplier/manufacturer which verifies the parameters used to determine the actual VOC content of each as applied coating, (VOC)a, used at the facility. In addition, purchase, usage and/or production records of the coating material, including solvents, must be maintained in a format acceptable to the Department and, upon request, these records must be submitted to the Department. Any facility required to perform the overall removal efficiency calculation, must maintain records to verify the parameters used in the calculation. A facility owner or operator must maintain a record that identifies each air cleaning device that has an overall removal efficiency of at least 85 percent. Any additional information required to determine compliance must be provided to the Department in a format acceptable to the Department.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

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Condition 2-4: Compliance Demonstration

Effective between the dates of 08/08/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.7

Item 2-4.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 2-4.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Miscellaneous metal parts and product coating lines, excluding all nonmetallic parts, utilizing air dried or forced warm air dried at a temperature up to 90 degrees centigrade coatings may contain a maximum of 3.5 pounds of volatile organic compounds per gallon of coating (minus water and excluded VOC) as applied.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: PAINT

Parameter Monitored: VOC CONTENT

Upper Permit Limit: 3.5 pounds per gallon

Monitoring Frequency: SINGLE OCCURRENCE

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 2-5: Compliance Demonstration

Effective between the dates of 08/08/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.7

Item 2-5.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):



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CAS No: 0NY998-00-0 VOC

Item 2-5.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Miscellaneous metal parts and product coating lines, excluding all nonmetallic parts, utilizing coatings may contain a maximum of 3.0 pounds of volatile organic compounds per gallon of coating (minus water and excluded VOC) as applied.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: PAINT

Parameter Monitored: VOC CONTENT

Upper Permit Limit: 3.0 pounds per gallon

Monitoring Frequency: SINGLE OCCURRENCE

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 2-6: Compliance Demonstration

Effective between the dates of 08/08/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.7

Item 2-6.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 2-6.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Miscellaneous metal parts and product coating lines, excluding all nonmetallic parts, utilizing clear coatings may contain a maximum of 4.3 pounds of volatile organic compounds per gallon of coating (minus water and excluded VOC) as applied.

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Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: PAINT
Parameter Monitored: VOC CONTENT
Upper Permit Limit: 4.3 pounds per gallon
Monitoring Frequency: SINGLE OCCURRENCE
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY
TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 2-7: Compliance Demonstration
Effective between the dates of 08/08/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.7

Item 2-7.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 2-7.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

Miscellaneous metal parts and product coating lines
utilizing extreme performance coatings may contain a
maximum of 3.5 pounds of volatile organic compounds per
gallon of coating (minus water and excluded VOC) as
applied.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: EXTREME PERFORMANCE COATING - MISCELLANEOUS METAL PARTS
Parameter Monitored: VOC CONTENT
Upper Permit Limit: 3.5 pounds per gallon
Reference Test Method: Method 24 (40 CFR 60)
Monitoring Frequency: SINGLE OCCURRENCE
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY
TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 2-8: Compliance Demonstration
Effective between the dates of 08/08/2007 and Permit Expiration Date



Applicable Federal Requirement: 6NYCRR 228.10

Item 2-8.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Item 2-8.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Within the work area(s) associated with a coating line, the owner or operator of a facility subject to this Part must:

- (a) use closed, non-leaking containers to store or dispose of cloth or other absorbent applicators impregnated with VOC solvents that are used for surface preparation, cleanup or coating removal;
- (b) store in closed, non-leaking containers spent or fresh VOC solvents to be used for surface preparation, cleanup or coating removal;
- (c) not use VOC solvents to cleanup spray equipment unless equipment is used to collect the cleaning compounds and to minimize VOC evaporation;
- (d) not use open containers to store or dispense surface coatings and/or inks unless production, sampling, maintenance or inspection procedures require operational access. This provision does not apply to the actual device or equipment designed for the purpose of applying a coating material to a substrate. These devices may include, but are not limited to: spray guns, flow coaters, dip tanks, rollers, knife coaters, and extrusion coaters;
- (e) not use open containers to store or dispose of spent surface coatings, or spent VOC solvents;
- (f) minimize spills during the handling and transfer of coatings and VOC solvents; and
- (g) beginning on January 1, 2005, clean spray guns used to apply mobile equipment repair and refinishing or color-matched coatings by one of the following:
 - (1) an enclosed spray gun cleaning system that is kept closed when not in use;
 - (2) non-atomized discharge of VOC solvent into a paint waste container that is kept closed when not in use;
 - (3) disassembling and cleaning of the spray gun in a vat

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that is kept closed when not in use; or

(4) atomized spray into a paint waste container that is fitted with a device designed to capture atomized VOC solvent emissions.

Open containers, if found, shall be covered and such deviations shall be noted in a log maintained in the operating area. The log shall include the following information:

- date and time of observation
- description of observed deviation from this permit condition
- corrective measures taken, if necessary

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



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 11: Contaminant List

Effective between the dates of 05/22/2003 and Permit Expiration Date

Applicable State Requirement: ECL 19-0301

Item 11.1:

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

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 0NY998-00-0

Name: VOC

Condition 12: Unavoidable noncompliance and violations

Effective between the dates of 05/22/2003 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-1.4

Item 12.1:

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 13: Emission Unit Definition
Effective between the dates of 05/22/2003 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 13.1(From Mod 2):

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

Emission Unit: U-00001

Emission Unit Description:

Process paint booths.

Building(s): ANNEX

MAIN

Condition 14: Air pollution prohibited
Effective between the dates of 05/22/2003 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 211.2

Item 14.1:

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



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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 15: Emission Point Definition By Emission Unit
Effective between the dates of 05/22/2003 and Permit Expiration Date**

Applicable State Requirement: 6NYCRR 201-5

Item 15.1(From Mod 0):

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

Emission Unit: U-00001

Emission Point: 06814

Height (ft.): 6 Diameter (in.): 36
NYTMN (km.): 4755.3 NYTME (km.): 192.1 Building: MAIN

Emission Point: 07005

Height (ft.): 3 Diameter (in.): 42
NYTMN (km.): 4755.3 NYTME (km.): 192.1 Building: MAIN

Emission Point: 09043

Height (ft.): 12 Diameter (in.): 24
NYTMN (km.): 4755.3 NYTME (km.): 192.1 Building: ANNEX

Emission Point: 93553

Height (ft.): 5 Diameter (in.): 24
NYTMN (km.): 4755.3 NYTME (km.): 192.1 Building: MAIN

**Condition 16: Process Definition By Emission Unit
Effective between the dates of 05/22/2003 and Permit Expiration Date**

Applicable State Requirement: 6NYCRR 201-5

Item 16.1(From Mod 2):

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

Emission Unit: U-00001

Process: 001 Source Classification Code: 4-02-025-12

Process Description: VARIOUS PAINT BOOTHS

Emission Source/Control: 3553F - Control

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Control Type: FABRIC FILTER

Emission Source/Control: 6814F - Control
Control Type: FABRIC FILTER

Emission Source/Control: 7005F - Control
Control Type: FABRIC FILTER

Emission Source/Control: 9043F - Control
Control Type: FABRIC FILTER

Emission Source/Control: 06814 - Process

Emission Source/Control: 07005 - Process

Emission Source/Control: 09043 - Process

Emission Source/Control: 93553 - Process