New York State Department of Environmental Conservation

Permit Review Report

Permit ID: 8-2626-00038/00038 Modification Number: 2 **11/08/2002**

Facility Identification Data
Name: CRYOVAC INC
Address: 1525 BROOKS AVE
City: ROCHESTER
Zip: 14624

Owner/Firm
Name: CRYOVAC INC
Address: PO BOX 464
100 ROGERS BRIDGE RD
City: DUNCAN
State: SC Country: USA Zip: 29334
Owner Classification: Corporation/Partnership

Permit Contacts
Division of Environmental Permits:
Name: PETER A LENT
Address: DIVISION OF ENVIRONMENTAL PERMITS
6274 EAST AVON LIMA RD

Division of Air Resources:
Name: FRANC GRABAR
Phone:5852262466

Air Permitting Contact:
Name: CAROL S WILSON
Phone:5854363211

Permit Description

Introduction

The Title V operating air permit is intended to be a document containing only enforceable terms and conditions as well as any additional information, such as the identification of emission units, emission points, emission sources and processes, that makes the terms meaningful. 40 CFR Part 70.7(a)(5) requires that each Title V permit have an accompanying "...statement that sets forth the legal and factual basis for the draft permit conditions". The purpose for this permit review report is to satisfy the above requirement by providing pertinent details regarding the permit/application data and permit conditions in a more easily understandable format. This report will also include background narrative and explanations of regulatory decisions made by the reviewer. It should be emphasized that this permit review report, while based on information contained in the permit, is a separate document and is not itself an enforceable term and condition of the permit.

Summary Description of Proposed Project
Modification 2 involves making all monitoring and reporting activities subject to reporting on an annual calendar year basis, and updating permit conditions as required by AFS.

Attainment Status
CRYOVAC INC is located in the town of GATES in the county of MONROE.

The attainment status for this location is provided below. (Areas classified as attainment are those that meet all ambient air quality standards for a designated criteria air pollutant.)

Criteria Pollutant	Attainment Status
Particulate Matter (PM)	ATTAINMENT
Particulate Matter < 10µ in diameter (PM10)	ATTAINMENT
Sulfur Dioxide (SO2)	ATTAINMENT
Ozone*	TRANSPORT REGION (NON-ATTAINMENT)
Oxides of Nitrogen (NOx)**	ATTAINMENT
Carbon Monoxide (CO)	ATTAINMENT

* Ozone is regulated in terms of the emissions of volatile organic compounds (VOC) and/or oxides of nitrogen (NOx) which are ozone precursors.
** NOx has a separate ambient air quality standard in addition to being an ozone precursor

Facility Description

MANUFACTURER OF SPECIALTY PACKAGING SYSTEMS PRIMARILY SERVING THE FOOD INDUSTRY. THE FACILITY PROCESSES LINEAR LOW-DENSITY POLYETHYLENE RESIN PELLETS INTO PLASTIC FILMS. THE FILMS ARE PRINTED USING SIX WIDE-WEB FLEXOGRAPHIC PRINTING PRESSES. ADHESIVES AND SPECIALTY COATINGS ARE APPLIED USING TWO LAMINATING MACHINES. FILMS IMPRINTED WITH CUSTOMER COLOR AND LOGO ARE CUT TO SIZE AND SOME ARE FORMED INTO PRODUCT STORAGE BAGS. THIS IS THE FACILITY'S INITIAL TITLE V APPLICATION.

Permit Structure and Description of Operations

The Title V permit for CRYOVAC INC
is structured in terms of the following hierarchy: facility, emission unit, emission point, emission source and process.
A facility is defined as all emission sources located at one or more adjacent or contiguous properties owned or operated by the same person or persons under common control. The facility is subdivided into one or more emission units (EU). Emission units are defined as any part or activity of a stationary facility that emits or has the potential to emit any federal or state regulated air pollutant. An emission unit is represented as a grouping of processes (defined as any activity involving one or more emission sources (ES) that emits or has the potential to emit any federal or state regulated air pollutant). An emission source is defined as any apparatus,

contrivance or machine capable of causing emissions of any air contaminant to the outdoor atmosphere, including any appurtenant exhaust system or air cleaning device. [NOTE: Indirect sources of air contamination as defined in 6 NYCRR Part 203 (i.e. parking lots) are excluded from this definition]. The applicant is required to identify the principal piece of equipment (i.e., emission source) that directly results in or controls the emission of federal or state regulated air pollutants from an activity (i.e., process). Emission sources are categorized by the following types:

combustion	-	devices which burn fuel to generate heat, steam or power
incinerator	-	devices which burn waste material for disposal
control	-	emission control devices
process	-	any device or contrivance which may emit air contaminants that is not included in the above categories.

CRYOVAC INC is defined by the following emission unit(s):
Emission unit U00001 - EXTRUSION OF POLYOLEFIN FILM. ACTIVITIES RESUTLING IN EMISSIONS ARE CORONA TREATMENT AT EACH OF SIX EXTRUDERS (ONE TREATER EACH AT EXTRUDERS 2-4 AND 6, TWO EACH AT EXTRUDERS 1 AND 5) WHICH GENERATES OZONE, THREE WALL FANS AND TWO CEILING FANS.
Emission unit U00001 is associated with the following emission points (EP):
E01T1, E02T1, E03T1, E04T1, E05T1, E05T2, E06T1, It is further defined by the following process(es):
Process: TRE is located at 1, Building 1 - TREATMENT OF EXTRUDED PLASTIC FILM USING IN-LINE CORONA-POWERED TREATMENT SYSTEMS WHICH GENERATE OZONE FROM THE ELECTRIC ARC PRODUCED.

Emission unit U00002 - FLEXOGRAPHIC PRINTING AND COATING ONTO PLASTIC FILM ROLL STOCK ON SIX PRESSES GENERATING VOC EMISSIONS THAT ARE TREATED BY OXIDIZERS PART OF THE YEAR, AND CORONA TREATMENT AT SOME PRESSES.

IN THE 2000 MODIFICATION:

1. EXISTING PRESS 5 (SOURCE PRE05) WILL BE REMOVED WITH ITS TREATER (EMISSION SOURCE T1P05) AND A NEW PRESS (PRE07) WILL BE INSTALLED AND CONNECTED TO EXISTING CATALYTIC OXIDIZER 2 (SOURCE CAT02). PRESS 7 WILL HAVE ONE CORONA TREATER (NEW EMISSION SOURCE T1P07) THAT GENERATES OZONE.

2. AN EXISTING PARTS CLEANING OPERATION (WAS01) WILL BE MODIFIED TO REDIRECT AIR EMISSIONS FROM CO2 TO CO4 (SOURCE CAT04 IN U00003).

3.OXYDRY APPLICATION ON PRESSES 3, 4 AND 5 CEASES SO ASSOCIATED EMISSION POINTS (P45DC, P03DC, 4BAGS, 07BAG) AND SOURCES (DCP03, DCP45) ARE BEING ELIMINATED.
Emission unit U00002 is associated with the following emission points (EP):
01CAT, 02CAT, 03CAT, 07BAG, 4BAGS, DISF1, DUCS1, P01F1, P01S1, P01T1, P02S1, P02T1, P02T2, P03DC, P03S1, P04S1, P05S1, P05T1, P06S1, P06T1, P06T2, P07S1, P07T1, P45DC, PREF1, PREF2, PREF3, WACF1, WUCS1, It is further defined by the following process(es):

Process: CON is located at 1, Building 1 - FLEXOGRAPHIC PRINTING AND COATING ONTO PLASTIC FILM ROLL-STOCK WITH EMISSION CONTROL AT LEAST 7 MONTHS PER YEAR. AS PART OF THE 2000/2001 MODIFICATION, EXISTING PRESS 5 IS TO BE REMOVED AND NEW PRESS 7 INSTALLED.
Process: TRP is located at 1, Building 1 - TREATMENT OF PLASTIC FILM USING IN-LINE CORONA-POWERED TREATMENT SYSTEMS, WHICH GENERATE OZONE FROM THE ELECTRIC ARC PRODUCED. AS PART OF THE 2000/2001 MODIFICATION, THE TREATER FOR PRESS 5 IS TO BE REMOVED AND A NEW TREATER FOR PRESS 7 ADDED.
Process: UNC is located at 1, Building 1 - FLEXOGRAPHIC PRINTING AND COATING ONTO PLASTIC FILM ROLL-STOCK WITHOUT EMISSION CONTROL UP TO 5 MONTHS PER YEAR. AS PART OF THE 2000/2001 MODIFICATION, EXISTING PRESS 5 IS TO BE REMOVED AND NEW PRESS 7 INSTALLED.
Process: WAC is located at 1, Building 1 - EQUIPMENT CLEANING STATION; SOLVENT IS USED TO CLEAN INK FROM PRESS PARTS, AND DIRTY SOLVENT/INK MIXTURES ARE TREATED TO DISTILL AND RECLAIM SOLVENT FOR REUSE. VOC EMISSIONS OCCUR DURING 5 MINUTES OF EACH 20-MINUTE W ASH CYCLE. VOC EMISSIONS ARE CAPTURED AND TREATED BY A CATALYTIC OXIDIZER (CO2) AT LEAST DURING THE PERIOD OF APRIL 1 THROUGH OCTOBER 31. ROOM AIR FROM THE STILL ROOM IS VENTED THROUGH A STACK. THIS PROCESS OPERATED FROM APRIL 1 THROUGH OCTOBER 31. AS PART OF THE 2000/2001 MODIFICATION, EMISSIONS ARE TO BE REDIRECTED FROM CATALYTIC OXIDIZER 2 TO CATALYTIC OXIDIZER 4, WHICH OPERATES YEAR ROUND. CAT04 WILL THUS BE SHARED BETWEEN EMISSION UNITS 2 AND 3.

Emission unit U00003 - SURFACE COATING TO APPLY LAMINATING ADHESIVES AND SPECIALTY COATINGS TO PLASTIC FILM ROLL STOCK ON TWO LAMINATORS. LAMINATOR 2 WILL CHANGE OPERATIONS SO THAT IT CAN RUN SOLVENT BASED COATINGS ON BOTH OF ITS DECKS. VOC EMISSIONS FROM ADHESIVE DECK 1 (SOURCE LAM2A) WILL BE TREATED JANUARY THROUGH NOVEMBER BY CATALYTIC OXIDIZER CO2 WHEN RUNNING VOC-BASED ADHESIVES, AND VOC EMISSIONS FROM COATING DECK 2(SOURCE LAM2B) WILL BE TREATED YEAR-ROUND BY CATALYTIC OXIDIZER CO4. THE PREVIOUS COMPLIANCE CERTIFICATION LIMIT OF 7200 HOURS PER YEAR READY TIME NOW WILL REFER ONLY TO COATING DECK 2 (SOURCE LAM2B.) A SEPARATE COMPLIANCE CERTIFICATION LIMIT OF 5600 HOURS OF RUN TIME PER YEAR FOR COATING DECK 1 (SOURCE LAM2A) IS BEING ESTABLISHED IN A SEPARATE PERMIT CONDITION.
Emission unit U00003 is associated with the following emission points (EP):
04CAT, L01F1, L01S1, L01T1, L01T2, L02S1, L02T1, L02T2, L02T3, It is further defined by the following process(es):
Process: LAM is located at 1, Building 1 - SURFACE COATING TO APPLY LAMINATING ADHESIVES AND SPECIALTY COATINGS TO PLASTIC FILM ROLL STOCK ON TWO LAMINATORS. AS PART OF THE 2000/2001 MODIFICATIONS, LAMINATOR 2 WILL BE ABLE TO RUN SOLVENT BASED COATINGS ON BOTH ITS DECKS. VOC FROM ADHESIVE DECK 1 WILL BE TREATED JANUARY THROUGH NOVEMBER IN CATAYLTIC OXIDIZER 2, AND VOC FROM COATING DECK 2 WILL BE TREATED YEAR ROUND IN CATALYTIC OXIDIZER 4.
Process: TRL is located at 1, Building 1 - TREATMENT OF PLASTIC FILM USING IN-LINE

CORONA-POWERED TREATMENT SYSTEMS WHICH GENERATE OZONE FROM THE ELECTRIC ARC PRODUCED.

Title V/Major Source Status
CRYOVAC INC is subject to Title V requirements. This determination is based on the following information:
The facility is major for emissions of VOC

Program Applicability
The following chart summarizes the applicability of CRYOVAC INC with regards to the principal air pollution regulatory programs:

Regulatory Program	Applicability
PSD	NO
NSR (non-attainment)	YES
NESHAP (40 CFR Part 61)	NO
NESHAP (MACT - 40 CFR Part 63)	NO
NSPS	NO
TITLE IV	NO
TITLE V	YES
TITLE VI	NO
RACT	YES
SIP	YES

NOTES:
PSD Prevention of Significant Deterioration (40 CFR 52) - requirements which pertain to major stationary sources located in areas which are in attainment of National Ambient Air Quality Standards (NAAQS) for specified pollutants.

NSR New Source Review (6 NYCRR Part 231) - requirements which pertain to major stationary sources located in areas which are in non-attainment of National Ambient Air Quality Standards (NAAQS) for specified pollutants.

NESHAP National Emission Standards for Hazardous Air Pollutants (40 CFR 61) - contaminant and source specific emission standards established prior to the Clean Air Act Amendments of 1990 (CAAA) which were developed for 9 air contaminants (inorganic arsenic, radon, benzene, vinyl chloride, asbestos, mercury, beryllium, radionuclides, and volatile HAP's)

MACT Maximum Achievable Control Technology (40 CFR 63) - contaminant and source specific emission standards established by the 1990 CAAA. Under Section 112 of the CAAA, the US EPA is required to develop and promulgate emissions standards for new and existing sources. The standards are to be based on the best demonstrated control technology and practices in the regulated industry, otherwise known as MACT. The corresponding regulations apply to specific source types and contaminants.

NSPS New Source Performance Standards (40 CFR 60) - standards of performance for specific stationary source categories developed by the US EPA under Section 111 of the CAAA. The standards apply only to those stationary sources which have been constructed or modified after the regulations have been proposed by publication in the Federal Register and only to the specific contaminant(s) listed in the regulation.

Title IV Acid Rain Control Program (40 CFR 72 thru 78) - regulations which mandate the implementation of the acid rain control program for large stationary combustion facilities.

Title VI Stratospheric Ozone Protection (40 CFR 82, Subparts A thru G) - federal requirements that apply to sources which use a minimum quantity of CFC's (chlorofluorocarbons), HCFC's(hydrofluorocarbons)or other ozone depleting substances or regulated substitute substances in equipment such as air conditioners, refrigeration equipment or motor vehicle air conditioners or appliances.

RACT Reasonably Available Control Technology (6 NYCRR Parts 212.10, 226, 227-2, 228, 229, 230, 232, 233, 234, 235, 236) - the lowest emission limit that a specific source is capable of meeting by application of control technology that is reasonably available, considering technological and economic feasibility. RACT is a control strategy used to limit emissions of VOC's and NOx for the purpose of attaining the air quality standard for ozone. The term as it is used in the above table refers to those state air pollution control regulations which specifically regulate VOC and NOx emissions.

SIP State Implementation Plan (40 CFR 52, Subpart HH) - as per the CAAA, all states are empowered and required to devise the specific combination of controls that, when implemented, will bring about attainment of ambient air quality standards established by the federal government and the individual state. This specific combination of measures is referred to as the SIP. The term here refers to those state regulations that are approved to be included in the SIP and thus are considered federally enforceable.

Compliance Status

Facility is in compliance with all requirements

SIC Codes

SIC or Standard Industrial Classification code is an industrial code developed by the federal Office of Management and Budget for use, among other things, in the classification of establishments by the type of activity in which they are engaged. Each operating establishment is assigned an industry code on the basis of its primary activity, which is determined by its principal product or group of products produced or distributed, or services rendered. Larger facilities typically have more than one SIC code.

SIC Code	Description
2671	PAPER COATED AND LAMINATED PACKAGING
3081	UNSUPPORTED PLASTICS FILM AND SHEET

SCC Codes

SCC or Source Classification Code is a code developed and used by the USEPA to categorize processes which result in air emissions for the purpose of assessing emission factor information. Each SCC represents a unique process or function within a source category logically associated with a point of air pollution emissions. Any operation that causes air pollution can be represented by one or more SCC's.

SCC Code	Description
3-01-018-19	CHEMICAL MANUFACTURING CHEMICAL MANUFACTURING - PLASTICS PRODUCTION Solvent Recovery
3-99-999-92	MISCELLANEOUS MANUFACTURING INDUSTRIES MISCELLANEOUS INDUSTRIAL PROCESSES OTHER NOT CLASSIFIED
4-05-003-01	PRINTING/PUBLISHING PRINTING/PUBLISHING - GENERAL PRINTING - FLEXOGRAPHIC
4-02-044-35	SURFACE COATING OPERATIONS SURFACE COATING OPERATIONS - FABRIC COATING, TRANSFER COATING LAMINATION: LAMINATING DEVICE

Facility Emissions Summary

In the following table, the CAS No. or Chemical Abstract Series code is an identifier assigned to every chemical compound. [NOTE: Certain CAS No.'s contain a 'NY' designation within them. These are not true CAS No.'s but rather an identification which has been developed by the department to identify groups of contaminants which ordinary CAS No.'s do not do. As an example, volatile organic compounds or VOC's are identified collectively by the NY CAS No. 0NY998-00-0.] The PTE refers to the Potential to Emit. This is defined as the maximum capacity of a facility or air contaminant source to emit any air contaminant under its physical and operational design. Any physical or operational limitation on the capacity of the facility or air contamination source to emit any air contaminant , including air pollution control equipment and/or restrictions on the hours of operation, or on the type or amount or material combusted, stored, or processed, shall be treated as part of the design only if the limitation is contained in federally enforceable permit conditions. The PTE Range represents an emission range for a

contaminant. Any PTE quantity that is displayed represents a facility-wide emission cap or limitation for that contaminant. If no PTE quantity is displayed, the PTE Range is provided to indicate the approximate magnitude of facility-wide emissions for the specified contaminant in terms of tons per year (tpy). The term 'HAP' refers to any of the hazardous air pollutants listed in section 112(b) of the Clean Air Act Amendments of 1990. Total emissions of all hazardous air pollutants are listed under the special NY CAS No. 0NY100-00-0. In addition, each individual hazardous air pollutant is also listed under its own specific CAS No. and is identified in the list below by the (HAP) designation.

Cas No.	Contaminant Name	PTE	
		lbs/yr	Range
000107-98-2	2-PROPANOL, 1-METHOXY		> 0 but < 2.5 tpy
000630-08-0	CARBON MONOXIDE		> 0 but < 2.5 tpy
0NY100-00-0	HAP		>= 10 tpy but < 25 tpy
000067-56-1	METHYL ALCOHOL(HAP)		> 0 but < 10 tpy
000101-68-8	METHYLENE BISPHENYL ISOCYANATE(HAP)		> 0 but < 10 tpy
0NY210-00-0	OXIDES OF NITROGEN		>= 10 tpy but < 25 tpy
010028-15-6	OZONE		>= 10 tpy but < 25 tpy
0NY075-00-0	PARTICULATES		> 0 but < 2.5 tpy
007446-09-5	SULFUR DIOXIDE		> 0 but < 2.5 tpy
000108-88-3	TOLUENE(HAP)		> 0 but < 10 tpy
0NY998-00-0	VOC		>= 250 tpy

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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 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 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: **Public Access to Recordkeeping for Title V Facilities - 6NYCRR Part 201-1.10(b)**

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

Item I: **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 J: **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 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 K: **Timely Application for the Renewal of Title V Permits - 6 NYCRR Part 201-6.3(a)(4)**

Owners and/or operators of facilities having an issued Title V permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

Item L: **Certification by a Responsible Official - 6 NYCRR Part 201-6.3(d)(12)**

Any application, form, report or compliance certification required to be submitted pursuant to the federally enforceable portions of this permit shall contain a certification of truth, accuracy and completeness by a responsible official. This certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Item M: **Requirement to Comply With All Conditions - 6 NYCRR Part 201-6.5(a)(2)**

The permittee must comply with all conditions of the Title V facility permit. Any permit non-compliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

Item N: **Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR Part 201-6.5(a)(3)**

This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

Item O: Providing Information Upon Request - 6 NYCRR Part 201-6.5(a)(4)

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

Item P: Cessation or Reduction of Permitted Activity Not a Defense - 6NYCRR Part 201-6.5(a)(5)

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

Item Q: Property Rights - 6 NYCRR Part 201-6.5(a)(6)

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

Item R: Fees - 6 NYCRR Part 201-6.5(a)(7)

The owner and/or operator of a stationary source shall pay fees to the department consistent with the fee schedule authorized by 6 NYCRR Subpart 482-2.

Item S: Right to Inspect - 6 NYCRR Part 201-6.5(a)(8)

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

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

ii. Have access to and copy, at reasonable times, any records that

must be kept under the conditions of the permit;

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

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

Item T: Severability - 6 NYCRR Part 201-6.5(a)(9)

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

Item U: Progress Reports and Compliance Schedules - 6 NYCRR Part 201-6.5(d)(5)

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

i. Dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and

ii. An explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

Item V: Off Permit Changes - 6 NYCRR Part 201-6.5(f)(6)

No permit revision will be required for operating changes that contravene an express permit term, provided that such changes would not violate applicable requirements as defined under this Part or contravene federally enforceable monitoring (including test methods), recordkeeping, reporting, or compliance certification permit terms and conditions. Such changes may be made without requiring a permit revision, if the changes are not modifications under any provisions of Title I of the Act and the changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions) provided that the facility provides the Administrator and the Department with written

notification in advance of the proposed changes within a minimum of 7 days as required by 6 NYCRR §201-6.5(f)(6).

Item W: Permit Shield - 6 NYCRR Part 201-6.5(g)

All permittees granted a Title V facility permit shall be covered under the protection of a permit shield, except as provided under 6 NYCRR Subpart 201-6. Compliance with the conditions of the permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that such applicable requirements are included and are specifically identified in the permit, or the Department, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the major stationary source, and the permit includes the determination or a concise summary thereof. Nothing herein shall preclude the Department from revising or revoking the permit pursuant to 6 NYCRR Part 621 or from exercising its summary abatement authority. Nothing in this permit shall alter or affect the following:

i. The ability of the Department to seek to bring suit on behalf of the State of New York, or the Administrator to seek to bring suit on behalf of the United States, to immediately restrain any person causing or contributing to pollution presenting an imminent and substantial endangerment to public health, welfare or the environment to stop the emission of air pollutants causing or contributing to such pollution;

ii. The liability of a permittee of the Title V facility for any violation of applicable requirements prior to or at the time of permit issuance;

iii. The applicable requirements of Title IV of the Act;

iv. The ability of the Department or the Administrator to obtain information from the permittee concerning the ability to enter, inspect and monitor the facility.

Item X: Reopening for Cause - 6 NYCRR Part 201-6.5(i)

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

i. If additional applicable requirements under the Act become applicable where this permit's remaining term is three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is

required if the effective date of the requirement is later than the date on which this permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the Department pursuant to the provisions of Part 201-6.7 and Part 621.

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

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

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

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

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

Item Y: **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 Z: **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 AA: **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 BB: **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 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 CC: **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.

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

Item A: **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 law.

Regulatory Analysis

Location Facility/EU/EP/Process/ES	Regulation	Short Description	Condition
FACILITY	ECL 19-301.	Powers and Duties of the Department with respect to air pollution control	2-11
FACILITY	40CFR 68.	Chemical accident prevention provisions	2-6
FACILITY	6NYCRR 201-1.4	Unavoidable noncompliance and violations	2-12
FACILITY	6NYCRR 201-6.	Title V Permits and the Associated Permit Conditions	24, 33, 34
FACILITY	6NYCRR 201-6.5(c)	Permit conditions for Recordkeeping and Reporting of Compliance Monitoring	2-1
FACILITY	6NYCRR 201-6.5(c)(2)	Permit conditions for Recordkeeping and Reporting of Compliance Monitoring	2-2
FACILITY	6NYCRR 201-6.5(c)(3)	Permit conditions for Recordkeeping and Reporting of Compliance Monitoring	1-4
FACILITY	6NYCRR 201-6.5(c)(3)(ii)	Permit conditions for Recordkeeping and Reporting of Compliance Monitoring	2-3
FACILITY	6NYCRR 201-6.5(e)	Compliance Certification	2-4
FACILITY	6NYCRR 202-2.1	Emission Statements - Applicability	27
FACILITY	6NYCRR 202-2.5	Emission Statements - record keeping requirements.	28
FACILITY	6NYCRR 211.2	General Prohibitions - air pollution prohibited.	39
FACILITY	6NYCRR 231-2.	New Source Review in Nonattainment Areas and Ozone Transport Region	2-5
U-00002	6NYCRR 231-2.	New Source Review in Nonattainment Areas and	2-7

U-00003	6NYCRR 231-2.	Ozone Transport Region New Source Review in Nonattainment Areas and Ozone Transport Region	2-9
U-00002/-/CON	6NYCRR 234.3(a)(3)(iii)	control requirements - flexographic printing	2-8
U-00003/-/LAM	6NYCRR 234.3(a)(3)(iii)	control requirements - flexographic printing	2-10

Applicability Discussion:

Mandatory Requirements: The following facility-wide regulations are included in all Title V permits:

ECL 19-301.
This section of the Environmental Conservation Law establishes the powers and duties assigned to the Department with regard to administering the air pollution control program for New York State.

6NYCRR Part 201-1.4
This regulation specifies the actions and recordkeeping and reporting requirements for any violation of an applicable state enforceable emission standard that results from a necessary scheduled equipment maintenance, start-up, shutdown, malfunction or upset in the event that these are unavoidable.

6NYCRR Part 201-6
This regulation applies to those terms and conditions which are subject to Title V permitting. It establishes the applicability criteria for Title V permits, the information to be included in all Title V permit applications as well as the permit content and terms of permit issuance. This rule also specifies the compliance, monitoring, recordkeeping, reporting, fee, and procedural requirements that need to be met to obtain a Title V permit, modify the permit and demonstrate conformity with applicable requirements as listed in the Title V permit. For permitting purposes, this rule specifies the need to identify and describe all emission units, processes and products in the permit application as well as providing the Department the authority to include this and any other information that it deems necessary to determine the compliance status of the facility.

6NYCRR Part 201-6.5(c)
This requirement specifies, in general terms, what information must be contained in any required compliance monitoring records and reports. This includes the date, time and place of any sampling, measurements and analyses; who performed the analyses; analytical techniques and methods used as well as any required QA/QC procedures; results of the analyses; the operating conditions at the time of sampling or measurement and the identification of any permit deviations. All such reports must also be certified by the designated responsible official of the facility.

6NYCRR Part 201-6.5(c)(2)
This requirement specifies that all compliance monitoring and recordkeeping is to be

conducted according to the terms and conditions of the permit and follow all QA requirements found in applicable regulations. It also requires monitoring records and supporting information to be retained for at least 5 years from the time of sampling, measurement, report or application. Support information is defined as including all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

6NYCRR Part 201-6.5(c)(3)
This regulation specifies that the permit incorporate all reporting requirements associated with an applicable federal rule, the submittal of any required monitoring reports at least every 6 months, and the notification and reporting of permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken.

6NYCRR Part 201-6.5(e)
Sets forth the general requirements for compliance certification content; specifies an annual submittal frequency; and identifies the EPA and appropriate regional office address where the reports are to be sent.

6NYCRR Part 202-2.1
Requires that emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year.

6NYCRR Part 202-2.5
This rule specifies that each facility required to submit an emission statement must retain a copy of the statement and supporting documentation for at least 5 years and must make the information available to department representatives.

6NYCRR Part 211-.2
This regulation prohibits any emissions of air contaminants to the outdoor atmosphere which may be detrimental to human, plant or animal life or to property, or which unreasonably interferes with the comfortable enjoyment of life or property regardless of the existence of any specific air quality standard or emission limit.

40 CFR Part 68.
This Part lists the regulated substances and there applicability thresholds and sets the requirements for stationary sources concerning the prevention of accidental releases of these substances.

Facility Specific Requirements
In addition to Title V, CRYOVAC INC has been determined to be subject to the following regulations:

6NYCRR 201-6.5 (c) (3) (ii)
This regulation specifies any reporting requirements incorporated into the permit must include provisions

regarding the notification and reporting of permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken.

6NYCRR 231-2.
The provisions of Subpart 231-2 apply to new or modified major facilities. The contaminants of concern state-wide are nitrogen oxides and volatile organic compounds since New York State is located in the ozone transport region and because there are ozone non-attainment areas within the state. In the New York City metropolitan area, carbon monoxide is also a non-attainment contaminant. In addition, particulate matter less than 10 microns in size (PM-10) is a non-attainment contaminant in Manhattan County.

6NYCRR 234 .3 (a) (3) (iii)
The capture system and air cleaning device must be designed and operated such that the following minimum overall removal efficiencies of volatile organic compounds is achieved:

- flexographic printing processes - 60%

The overall removal efficiency is determined by (1) testing the capture efficiency of the removal system; and (2) testing the destruction efficiency. The testing methods used to determine the overall removal efficiency must be approved in advance by the DEC.

Compliance Certification
Summary of monitoring activities at CRYOVAC INC:

Location Facility/EU/EP/Process/ES	Type of Monitoring	Cond No.
FACILITY	record keeping/maintenance procedures	1-4
FACILITY	record keeping/maintenance procedures	2-3
FACILITY	record keeping/maintenance procedures	2-4
FACILITY	record keeping/maintenance procedures	27
FACILITY	record keeping/maintenance procedures	2-5
U-00002	record keeping/maintenance procedures	2-7
U-00003	record keeping/maintenance procedures	2-9
U-00002/-/CON	monitoring of process or control device parameters as surrogate	2-8
U-00003/-/LAM	monitoring of process or control device parameters as surrogate	2-10

Basis for Monitoring
6NYCRR Part 201-6.5(c)(3)(ii)

Sets monitoring and excess emission reporting requirements.

6NYCRR Part 201-6.5(e)

Sets compliance reporting requirements.

6NYCRR Part 201-6.5(f)

Sets operational flexibility requirements.

6NYCRR Part 202-2.1

Sets emission statement reporting deadline.

6NYCRR Part 231-2

Sets specific process emission limits to cap VOC emissions below New Source Review (NSR) offset requirements and requires compliance calculations and record keeping.

6NYCRR Part 234.3(a)(3)(iii)

Requires compliance with VOC RACT for emissions from priinting operations. In this case, catalytic oxidizers provide RACT.

40CFR68

Accidental release provisions.