



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 5-5234-00007/00087
Mod 0 Effective Date: 05/30/2017 Expiration Date: 05/29/2027
Mod 1 Effective Date: 02/21/2019 Expiration Date: 05/29/2027

Permit Issued To: BECTON DICKINSON & CO
1 BECTON DR
FRANKLIN LAKES, NJ 07417

Contact: Ingrid Richter
289 Bay Rd
Queensbury, NY 12804
(518) 793-2531

Facility: C R BARD USCI DIV
289 BAY RD
QUEENSBURY, NY 12804

Description:
C.R. Bard is a manufacturer of medical devices such as catheters. Products are both developed and produced. Operations include receiving raw materials, weaving, coating, drying, cleaning and assembling catheters.

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: BETH A MAGEE
NYSDEC - WARRENSBURG SUBOFFICE
232 GOLF COURSE RD
WARRENSBURG, NY 12885-1172

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 compliance 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 any 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, modifications and transfers
 - Permit modifications, suspensions or revocations by the Department

Facility Level

- Submission of application for permit modification or renewal-REGION 5 SUBOFFICE - WARRENSBURG



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

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).

Item 1.2:

The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

Item 1.3:

A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

Condition 2: Relationship of this Permit to Other Department Orders and Determinations

Applicable State Requirement: ECL 3-0301 (2) (m)

Item 2.1:

Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

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 the expiration of permits for Title V and 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 1-1: Applications for permit renewals, modifications and transfers
Applicable State Requirement: 6 NYCRR 621.11

Item 1-1.1:

The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

Item 1-1.2:

The permittee must submit a renewal application at least 180 days before the expiration of permits for Title V and State Facility Permits.

Item 1-1.3

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

Condition 4: Permit modifications, suspensions or revocations by the Department
Applicable State Requirement: 6 NYCRR 621.13

Item 4.1:

The Department reserves the right to exercise all available authority to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

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

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

Condition 5: Submission of application for permit modification or renewal-REGION 5
SUBOFFICE - WARRENSBURG
Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 5 Sub-office
Division of Environmental Permits

DEC Permit Conditions
Renewal 1/Mod 1/FINAL

New York State Department of Environmental Conservation
Facility DEC ID: 5523400007



232 Golf Course Road
Warrensburg, NY 12885-1172
(518) 623-1281

New York State Department of Environmental Conservation

Permit ID: 5-5234-00007/00087

Facility DEC ID: 5523400007



Permit Under the Environmental Conservation Law (ECL)

**ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY
PERMIT**

IDENTIFICATION INFORMATION

Permit Issued To: BECTON DICKINSON & CO
1 BECTON DR
FRANKLIN LAKES, NJ 07417

Facility: C R BARD USCI DIV
289 BAY RD
QUEENSBURY, NY 12804

Authorized Activity By Standard Industrial Classification Code:
3841 - SURGICAL & MEDICAL INSTRUMENTS

Mod 0 Permit Effective Date: 05/30/2017

Permit Expiration Date: 05/29/2027

Mod 1 Permit Effective Date: 02/21/2019

Permit Expiration Date: 05/29/2027



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 201-6.4 (g): Non Applicable requirements
- 2 6 NYCRR Subpart 201-7: Facility Permissible Emissions
- *3 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *4 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *5 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 27 6 NYCRR 211.2: Visible Emissions Limited
- 7 6 NYCRR 212-1.5 (f): Compliance Demonstration
- 8 6 NYCRR 212-1.6 (a): Compliance Demonstration
- 9 6 NYCRR 228-1.1 (a) (4): Compliance Demonstration
- 10 6 NYCRR 228-1.3 (a): Compliance Demonstration
- 11 6 NYCRR 228-1.3 (d): Surface Coating - Handling, Storage and Disposal
- 12 6 NYCRR 228-1.4 (b) (4): Compliance Demonstration
- 13 6 NYCRR 228-1.5 (e): Compliance Demonstration
- 14 6 NYCRR 228-1.5 (e): Compliance Demonstration
- 15 40CFR 60, NSPS Subpart IIII: Compliance and Enforcement
- 16 40CFR 60, NSPS Subpart JJJJ: Compliance and Enforcement
- 17 40CFR 63.468(f), Subpart T: Compliance Demonstration
- 18 40CFR 63, Subpart ZZZZ: Compliance and Enforcement

Emission Unit Level

EU=0-00001,Proc=BUC

- 19 40CFR 63.463, Subpart T: Batch vapor and In-line machines: base design requirements
- 20 40CFR 63.463(b)(1)(i), Subpart T: Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 21 ECL 19-0301: Contaminant List
- 22 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 23 6 NYCRR Subpart 201-5: Emission Unit Definition
- 24 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
- 25 6 NYCRR 201-5.3 (c): Compliance Demonstration
- 26 6 NYCRR 201-5.4 (e): Compliance Demonstration
- 6 6 NYCRR 211.1: Air pollution prohibited

Emission Unit Level

- 28 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 29 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

NOTE: * preceding the condition number indicates capping.



FEDERALLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

Item A: Sealing - 6 NYCRR 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 - 6 NYCRR 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 - 6 NYCRR 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 - 6 NYCRR 201-1.2

If an existing emission source was subject to the permitting requirements of 6 NYCRR 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: Recycling and Salvage - 6 NYCRR 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 F: Prohibition of Reintroduction of Collected Contaminants to the Air - 6 NYCRR 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 G: Proof of Eligibility for Sources Defined as Exempt Activities - 6 NYCRR 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 H: Proof of Eligibility for Sources Defined as Trivial



Activities - 6 NYCRR 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 I: Required Emission Tests - 6 NYCRR 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 6 NYCRR Subpart 202-1.

Item J: Open Fires Prohibitions - 6 NYCRR 215.2

Except as allowed by section 215.3 of 6 NYCRR Part 215, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

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



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

FEDERAL APPLICABLE REQUIREMENTS
The following conditions are federally enforceable.

Condition 1: Non Applicable requirements
Effective between the dates of 05/30/2017 and 05/29/2027

Applicable Federal Requirement:6 NYCRR 201-6.4 (g)

Item 1.1:

This section contains a summary of those requirements that have been specifically identified as being not applicable to this facility and/or emission units, emission points, processes and/or emission sources within this facility. The summary also includes a justification for classifying any such requirements as non-applicable.

6 NYCRR 228-1.3 (e) (2)
Emission Unit: 000001 Process: LUT
Reason: The Lutonix coating is a low-use specialty coating limited to less than 55 gallons per year and not subject to the VOC content limits in Table 1. Records of low-use coatings usage must be maintained on an as used basis to demonstrate that the coating qualifies for this exemption.

Condition 2: Facility Permissible Emissions
Effective between the dates of 05/30/2017 and 05/29/2027

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 2.1:

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

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

per year CAS No: 000075-09-2 (From Mod 1) PTE: 19,000 pounds
Name: DICHLOROMETHANE



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per year CAS No: 0NY100-00-0 (From Mod 1) PTE: 49,000 pounds

Name: TOTAL HAP

per year CAS No: 0NY998-00-0 (From Mod 1) PTE: 98,000 pounds

Name: VOC

Condition 3: Capping Monitoring Condition
Effective between the dates of 05/30/2017 and 05/29/2027

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 3.1:

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

6 NYCRR 201-6.1 (a)

Item 3.2:

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

Item 3.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 3.4:

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

Item 3.5:

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

Item 3.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 3.7:

New York State Department of Environmental Conservation

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Facility DEC ID: 5523400007



Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Facility wide emissions of VOCs shall not exceed 49 tons per year (98,000 lbs per year) as determined by summing monthly VOC emissions during any 12 month period. This caps the facility below the Title V threshold and also caps the facility out of Part 228 Table 2 requirements.

Records shall be maintained on-site which demonstrate compliance with the VOC cap. These records shall include the mass emissions totaled over each month and the total mass emissions over each rolling 12 month period.

Calculations are based on records of all chemicals used at the facility, assuming that all VOCs contained in the chemicals are emitted minus the quantity removed from the facility as hazardous waste.

Parameter Monitored: VOC's

Upper Permit Limit: 49 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2018.

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

Condition 4: Capping Monitoring Condition
Effective between the dates of 05/30/2017 and 05/29/2027

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 4.1:

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

6 NYCRR 201-6.1 (a)

Item 4.2:

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

Item 4.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any

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other state and federal air pollution control requirements, regulations or law.

Item 4.4:

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

Item 4.5:

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

Item 4.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000075-09-2 DICHLOROMETHANE

Item 4.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Facility wide emissions of Methylene Chloride shall not exceed 9.5 tons per year (19,000 lbs per year) as determined by summing monthly emissions during any 12 month period. This caps the facility below the Title V threshold.

Records shall be maintained on-site which demonstrate compliance with the cap. These records shall include the mass emissions totaled over each month and the total mass emissions over each rolling 12 month period. Calculations are based on records of all chemicals used at the facility, assuming that all Methylene Chloride contained in the chemicals is emitted minus the quantity removed from the facility as hazardous waste.

Parameter Monitored: DICHLOROMETHANE

Upper Permit Limit: 9.5 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2018.

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

Condition 5: Capping Monitoring Condition



Effective between the dates of 05/30/2017 and 05/29/2027

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 5.1:

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

6 NYCRR 201-6.1 (a)

Item 5.2:

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

Item 5.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 5.4:

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

Item 5.5:

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

Item 5.6:

The Compliance Demonstration activity will be performed for the Facility.

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

Item 5.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes
Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Facility wide emissions of Hazardous Air Pollutants
(HAPs) shall not exceed 24.5 tons per year (49,000 lbs
per year) for total HAPs as determined by summing monthly

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HAP emissions during any 12 month period. This caps the facility below the Title V threshold.
Records shall be maintained on-site which demonstrate compliance with the HAP cap. These records shall include the mass emissions totaled over each month and the total mass emissions over each rolling 12 month period.
Calculations are based on records of all chemicals used at the facility, assuming that all HAPs contained in the chemicals are emitted minus the quantity removed from the facility as hazardous waste.

Parameter Monitored: TOTAL HAP
Upper Permit Limit: 24.5 tons per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2018.
Subsequent reports are due every 12 calendar month(s).

Condition 27: Visible Emissions Limited
Effective between the dates of 05/30/2017 and 05/29/2027

Applicable Federal Requirement:6 NYCRR 211.2

Item 27.1:
Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

Condition 7: Compliance Demonstration
Effective between the dates of 05/30/2017 and 05/29/2027

Applicable Federal Requirement:6 NYCRR 212-1.5 (f)

Item 7.1:
The Compliance Demonstration activity will be performed for the Facility.

Item 7.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Emissions associated with the use of the coating Vorite are acceptable at the current usage level but could require control if usage increases significantly. Records shall be maintained on-site which document Vorite usage. These records shall include total pounds used over each month and the total pounds over each rolling 12 month period.
Total usage shall be reported annually. Additionally, the

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permitting authority shall be notified within 30 days if the rolling total reaches 30,000 pounds over a 12 month period.

Monitoring Frequency: MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2018.
Subsequent reports are due every 12 calendar month(s).

Condition 8: Compliance Demonstration
Effective between the dates of 05/30/2017 and 05/29/2027

Applicable Federal Requirement:6 NYCRR 212-1.6 (a)

Item 8.1:

The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: 0-00003

Emission Unit: 0-00004

Emission Unit: 0-00005

Item 8.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person shall cause or allow emissions to the outdoor atmosphere having an average opacity of 20% or greater for any consecutive six-minute period from any emission source subject to this part. 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

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 9: Compliance Demonstration
Effective between the dates of 05/30/2017 and 05/29/2027

Applicable Federal Requirement:6 NYCRR 228-1.1 (a) (4)

Item 9.1:

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The Compliance Demonstration activity will be performed for the Facility.

Item 9.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Coating lines not specifically identified in Table 1 of Subsection 228-1.1(a)(1) or subject to Class A through Class E requirements pursuant to Subsection 228-1.1(a)(2) need only comply with the General Requirements provisions, including opacity, recordkeeping, prohibition of sale, and handling, storage and disposal requirements.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 10: Compliance Demonstration
Effective between the dates of 05/30/2017 and 05/29/2027

Applicable Federal Requirement:6 NYCRR 228-1.3 (a)

Item 10.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 0-00001

Emission Unit: 0-00002

Item 10.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person shall cause or allow emissions to the outdoor atmosphere having an average opacity of 20% or greater for any consecutive six-minute period from any emission source subject to this part. 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

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

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Condition 11: Surface Coating - Handling, Storage and Disposal
Effective between the dates of 05/30/2017 and 05/29/2027

Applicable Federal Requirement:6 NYCRR 228-1.3 (d)

Item 11.1:

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

- (1) 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;
- (2) store in closed, non-leaking containers spent or fresh VOC solvents to be used for surface preparation, cleanup or coating removal;
- (3) not use VOC solvents to cleanup spray equipment unless equipment is used to collect the cleaning compounds and to minimize VOC evaporation;

Condition 12: Compliance Demonstration
Effective between the dates of 05/30/2017 and 05/29/2027

Applicable Federal Requirement:6 NYCRR 228-1.4 (b) (4)

Item 12.1:

The Compliance Demonstration activity will be performed for the Facility.

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

Item 12.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

A facility applying Miscellaneous Metal Parts Coatings may not use coatings with VOC contents, as applied, which exceed 3.5 lbs VOC per gallon.
This does not include processes subject to RACT variance.

Parameter Monitored: VOC CONTENT

Upper Permit Limit: 3.5 pounds per gallon

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 13: Compliance Demonstration
Effective between the dates of 05/30/2017 and 05/29/2027

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Applicable Federal Requirement:6 NYCRR 228-1.5 (e)

Item 13.1:

The Compliance Demonstration activity will be performed for the Facility.

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

Item 13.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Total VOC emissions for these processes shall not exceed 5 tons per year. Records shall be maintained on-site which demonstrate compliance with the VOC limit. These records shall include the mass emissions totaled over each month and the total mass emissions over each rolling 12 month period. Calculations are based on records of all chemicals used in these sources, assuming that all VOCs contained in the chemicals are emitted minus the quantity removed from the facility as hazardous waste. Facilities with surface coating processes subject to Part 228 with an annual potential to emit less than five tons of VOCs will only be required to comply with subparagraphs 28.3(e)(1) (i) and (iv) in order to demonstrate that a lesser degree of control is RACT for these processes.

Monitoring Frequency: MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2018.
Subsequent reports are due every 12 calendar month(s).

Condition 14: Compliance Demonstration
Effective between the dates of 05/30/2017 and 05/29/2027

Applicable Federal Requirement:6 NYCRR 228-1.5 (e)

Item 14.1:

The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: 0-00001
Process: BHC

Emission Unit: 0-00001
Process: HDR

Emission Unit: 0-00001
Process: NAV

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Item 14.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The RACT demonstration submitted on January 17, 2017 stated that there is not a suitable compliant coating that can be used for products made with these sources. The current coatings may be used but these sources may only apply coatings using low emission application techniques such as die wiping or dip coating. This is considered RACT for these sources.

This demonstration must be reviewed and resubmitted every 5 years, beginning with January 31, 2022. If emissions from these processes reach 5 tons per year, a new demonstration must immediately be submitted which also addresses the feasibility of using add-on control devices.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 15: Compliance and Enforcement

Effective between the dates of 05/30/2017 and 05/29/2027

Applicable Federal Requirement:40CFR 60, NSPS Subpart IIII

Item 15.1:

The Department has not accepted delegation of 40 CFR Part 60 Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines. Any questions concerning compliance and/or enforcement of this regulation should be referred to USEPA Region 2, 290 Broadway, 21st Floor, New York, NY 10007-1866; (212) 637-4080. Should the Department decide to accept delegation of 40 CFR Part 60 Subpart IIII during the term of this permit, enforcement of this regulation will revert to the Department as of the effective date of delegation.

Condition 16: Compliance and Enforcement

Effective between the dates of 05/30/2017 and 05/29/2027

Applicable Federal Requirement:40CFR 60, NSPS Subpart JJJJ

Item 16.1:

The Department has not accepted delegation of 40 CFR Part 60 Subpart JJJJ, Standards of Performance for Stationary Spark Ignition Internal Combustion Engine. Any questions concerning compliance and/or enforcement of this regulation should be referred to USEPA Region 2, 290 Broadway, 21st Floor, New York, NY 10007-1866; (212) 637-4080. Should the

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Department decide to accept delegation of 40 CFR Part 60 Subpart JJJJ during the term of this permit, enforcement of this regulation will revert to the Department as of the effective date of delegation.

Condition 17: Compliance Demonstration
Effective between the dates of 05/30/2017 and 05/29/2027

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

Item 17.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 17.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each owner or operator of a batch vapor or in-line solvent cleaning machine complying with the provisions of 40CFR63.463 shall submit an annual report by February 1 of the year following the one for which the reporting is being made. The report shall include the following:

(1) A signed statement from the facility owner or his designee stating that " All operators of solvent cleaning machines have received training on the proper operation of solvent cleaning machines and their control devices sufficient to pass the test required in 40CFR63.463(d)(10)."

(2) An estimate of solvent consumption for each solvent cleaning machine during the reporting period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 18: Compliance and Enforcement
Effective between the dates of 05/30/2017 and 05/29/2027

Applicable Federal Requirement:40CFR 63, Subpart ZZZZ

Item 18.1:

The Department has not accepted delegation of 40 CFR Part 63 Subpart ZZZZ, National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines. Any questions concerning compliance and/or enforcement of this regulation should be referred to USEPA Region 2, 290 Broadway, 21st Floor, New York, NY 10007-1866; (212) 637-4080. Should the Department decide to accept delegation of 40 CFR

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Part 63 Subpart ZZZZ during the term of this permit, enforcement of this regulation will revert to the Department as of the effective date of delegation.

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

**Condition 19: Batch vapor and In-line machines: base design requirements
Effective between the dates of 05/30/2017 and 05/29/2027**

Applicable Federal Requirement:40CFR 63.463, Subpart T

Item 19.1:

This Condition applies to Emission Unit: 0-00001
Process: BUC

Item 19.2:

Base Design Requirements. All Batch vapor and in-line machines complying with either the control combinations or the idling emission limit must be equipped with the following:

1. Either an idling mode cover or reduced room draft.
2. A freeboard ratio of 0.75 or greater.
3. Automated parts handling system which moves parts or parts baskets at a speed of 3.4 meters per minute or less.
4. Vapor cleaning machines shall be equipped with automatic shutoff if the sump liquid solvent level drops to the sump heater coils.
5. Vapor cleaning machines shall be equipped with automatic shutoff if the vapor level rises above the primary condenser.
6. Vapor machines shall have a primary condenser.
7. Cleaning machines with a lip exhaust shall use a carbon adsorber to control emissions.

**Condition 20: Compliance Demonstration
Effective between the dates of 05/30/2017 and 05/29/2027**

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

Item 20.1:

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The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00001

Process: BUC

Item 20.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The owner or operator of a Batch Vapor Solvent Cleaning Machine with a Solvent/Air Interface Area of 1.21 Square Meters or less shall comply with the requirements specified in 40CFR 63.463(b)(1)(i).

These sources use compliance option 6 of the possible control options in Table 1.

Freeboard refrigeration device and freeboard ratio of 1.0.

Parameter Monitored: FREEBOARD RATIO

Lower Permit Limit: 1.0 freeboard ratio

Monitoring Frequency: CONTINUOUS

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED
VALUE - SEE 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: Emergency Defense - 6 NYCRR 201-1.5

An emergency, as defined by subpart 201-2, constitutes an affirmative defense to penalties sought in an enforcement action brought by the Department 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 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 and maintained;

(3) During the period of the emergency the facility owner 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 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 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 B: Public Access to Recordkeeping for Facilities With State Facility Permits - 6 NYCRR 201-1.10 (a)

Where facility owners and/or operators keep records pursuant to compliance with the requirements of 6 NYCRR Subpart 201-5.4, and/or the emission capping requirements of 6 NYCRR Subpart 201-7, the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records.

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Facility owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department.

Item C: 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.

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.

Condition 21: Contaminant List
Effective between the dates of 05/30/2017 and 05/29/2027

Applicable State Requirement:ECL 19-0301

Item 21.1:
Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 000075-09-2
Name: DICHLOROMETHANE

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

CAS No: 0NY998-00-0
Name: VOC

Condition 22: Malfunctions and start-up/shutdown activities



Effective between the dates of 05/30/2017 and 05/29/2027

Applicable State Requirement:6 NYCRR 201-1.4

Item 22.1:

(a) The facility owner or operator shall take all necessary and appropriate actions to prevent the emission of air pollutants that result in contravention of any applicable emission standard during periods of start-up, shutdown, or malfunction.

(b) The facility owner or operator shall compile and maintain records of all equipment malfunctions, 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 department when requested to do so, or when so required by a condition of a permit issued for the corresponding air contamination source. Such reports shall state whether any violations occurred and, if so, whether they were unavoidable, include the time, frequency and duration of the maintenance and/or start-up/shutdown activities, and an estimate of the emission rates of any air contaminants released. Such records shall be maintained for a period of at least five years and made available for review to department representatives upon request. Facility owners or operators subject to continuous stack monitoring and quarterly reporting requirements need not submit additional reports for equipment maintenance or start-up/shutdown activities for the facility to the department.

(c) In the event that emissions of air contaminants in excess of any emission standard in this Subchapter occur due to a malfunction, the facility owner or operator shall compile and maintain records of the malfunction and notify the department as soon as possible during normal working hours, but not later than two working days after becoming aware that the malfunction occurred. When requested by the department, the facility owner or operator shall submit a written report to the department describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates.

(d) The department may also require the owner or operator to include, in reports described under Subdivisions (b) and (c) of this Section, an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions.

(e) A violation of any applicable emission standard resulting from start-up, shutdown, or malfunction conditions at a permitted or registered facility may not be subject to an enforcement action by the department and/or penalty if the department determines, in its sole discretion, that such a violation was unavoidable. The actions and recordkeeping and reporting requirements listed above must be adhered to in such circumstances.

Condition 23: Emission Unit Definition

Effective between the dates of 05/30/2017 and 05/29/2027

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 23.1(From Mod 0):

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

Emission Unit: 0-00001

Emission Unit Description:

Emission unit 0-00001 consists of all regulated emission

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sources in Buildings 1 and 2. Emission sources include spray paint booths, drying ovens, coaters and degreasers, printers and mix stations.

Building(s): 001
002

Item 23.2(From Mod 0):

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

Emission Unit: 0-00002

Emission Unit Description:

This emission unit consists of spray booths for solvent application in the building 4 Conquest and Atlas Departments.

Building(s): 004

Item 23.3(From Mod 0):

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

Emission Unit: 0-00003

Emission Unit Description:

This emission unit includes the Latex mixing operation located in building 3. Alcohol and ammonia are the only volatile constituents of the latex mix.

Building(s): 003

Item 23.4(From Mod 0):

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

Emission Unit: 0-00004

Emission Unit Description:

This emission unit consists of a metal finishing process located in building 5.

Building(s): 005

Item 23.5(From Mod 0):

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

Emission Unit: 0-00005

Emission Unit Description:

This emission unit includes the sources in building 6. Catheters are soaked in pentane and then vented to remove vapors.

Building(s): 006

**Condition 24: Renewal deadlines for state facility permits
Effective between the dates of 05/30/2017 and 05/29/2027**

Applicable State Requirement:6 NYCRR 201-5.2 (c)

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Item 24.1:

The owner or operator of a facility having an issued state facility 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.

Condition 25: Compliance Demonstration

Effective between the dates of 05/30/2017 and 05/29/2027

Applicable State Requirement:6 NYCRR 201-5.3 (c)

Item 25.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 25.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any reports or submissions required by this permit shall be submitted to the Regional Air Pollution Control Engineer (RAPCE) at the following address:

Division of Air Resources
NYS Dept. of Environmental Conservation
Region 5
232 Golf Course Rd.
Warrensburg, NY 12885

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 26: Compliance Demonstration

Effective between the dates of 05/30/2017 and 05/29/2027

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

Item 26.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 26.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Changes at a facility that meet all of the criteria listed below may not require a permit modification and may be conducted without the prior approval of the Department.

1. Changes that do not cause facility emissions to exceed any emission limitation or other condition in the

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facility's permit.

2. Changes that do not cause the facility to become subject to any additional regulations or requirements.
3. Changes that do not seek to establish or modify a federally enforceable emission cap or limit.

The facility owner or operator must maintain records of the date and description of each such change for a period of at least five years. Records must be made available for review to Department representatives upon request, and must include the following information at a minimum:

1. Identification of the emission unit, process(es), emission source(s), and emission point(s) affected by the change;
2. The date on which the change occurred; and
3. A description of the change.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 6: Air pollution prohibited
Effective between the dates of 05/30/2017 and 05/29/2027

Applicable State Requirement:6 NYCRR 211.1

Item 6.1:

No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

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

Condition 28: Emission Point Definition By Emission Unit
Effective between the dates of 05/30/2017 and 05/29/2027

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 28.1(From Mod 0):



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

Emission Unit:	0-00001		
Emission Point:	00001		
Height (ft.):	39	Diameter (in.):	10
NYTMN (km.):	4798.205	NYTME (km.):	609.169
		Building:	001
Emission Point:	00002		
Height (ft.):	39	Diameter (in.):	6
NYTMN (km.):	4798.205	NYTME (km.):	609.169
		Building:	001
Emission Point:	00003		
Height (ft.):	39	Diameter (in.):	12
NYTMN (km.):	4798.205	NYTME (km.):	609.169
		Building:	001
Emission Point:	00004		
Height (ft.):	39	Diameter (in.):	12
NYTMN (km.):	4798.205	NYTME (km.):	609.169
		Building:	001
Emission Point:	00005		
Height (ft.):	10	Diameter (in.):	16
NYTMN (km.):	4798.205	NYTME (km.):	609.169
		Building:	001
Emission Point:	00006		
Height (ft.):	3	Diameter (in.):	16
NYTMN (km.):	4798.205	NYTME (km.):	609.169
		Building:	001
Emission Point:	00024		
Height (ft.):	40	Diameter (in.):	34
NYTMN (km.):	4798.226	NYTME (km.):	609.219
		Building:	001
Emission Point:	00038		
Height (ft.):	10	Diameter (in.):	6
NYTMN (km.):	4798.226	NYTME (km.):	609.216
		Building:	001
Emission Point:	00048		
Height (ft.):	40	Diameter (in.):	25
NYTMN (km.):	4798.229	NYTME (km.):	609.214
		Building:	001
Emission Point:	00049		
Height (ft.):	11	Diameter (in.):	24
NYTMN (km.):	4798.226	NYTME (km.):	609.216
		Building:	001
Emission Point:	00050		
Height (ft.):	11	Diameter (in.):	6
NYTMN (km.):	4798.224	NYTME (km.):	609.216
		Building:	001
Emission Point:	00052		
Height (ft.):	13	Diameter (in.):	10
NYTMN (km.):	4798.229	NYTME (km.):	609.214
		Building:	001

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Emission Point: 00054			
Height (ft.): 34	Length (in.): 14	Width (in.): 19	
NYTMN (km.): 4798.221	NYTME (km.): 609.216	Building: 001	
Emission Point: 00055			
Height (ft.): 30	Length (in.): 14	Width (in.): 19	
NYTMN (km.): 4798.221	NYTME (km.): 609.216	Building: 001	
Emission Point: 00056			
Height (ft.): 18	Length (in.): 11	Width (in.): 11	
NYTMN (km.): 4798.221	NYTME (km.): 609.216	Building: 001	
Emission Point: 00063			
Height (ft.): 29	Diameter (in.): 14		
NYTMN (km.): 4798.226	NYTME (km.): 609.216	Building: 001	
Emission Point: 00085			
Height (ft.): 21	Diameter (in.): 10		
NYTMN (km.): 4798.224	NYTME (km.): 609.216	Building: 001	
Emission Point: 00089			
Height (ft.): 19	Diameter (in.): 10		
NYTMN (km.): 4798.221	NYTME (km.): 609.214	Building: 001	
Emission Point: 10079			
Height (ft.): 32	Diameter (in.): 25		
NYTMN (km.): 4798.218	NYTME (km.): 609.219	Building: 002	
Emission Point: 10080			
Height (ft.): 33	Diameter (in.): 23		
NYTMN (km.): 4798.218	NYTME (km.): 609.222	Building: 002	
Emission Point: 10081			
Height (ft.): 33	Diameter (in.): 23		
NYTMN (km.): 4798.216	NYTME (km.): 609.219	Building: 002	
Emission Point: 10082			
Height (ft.): 30	Diameter (in.): 18		
NYTMN (km.): 4798.218	NYTME (km.): 609.222	Building: 002	
Emission Point: 10083			
Height (ft.): 45	Diameter (in.): 24		
NYTMN (km.): 4798.218	NYTME (km.): 609.216	Building: 002	
Emission Point: 10084			
Height (ft.): 38	Diameter (in.): 8		
NYTMN (km.): 4798.218	NYTME (km.): 609.216	Building: 002	
Emission Point: 10094			
Height (ft.): 30	Diameter (in.): 12		
NYTMN (km.): 4798.232	NYTME (km.): 609.177	Building: 001	

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Emission Point: 10097
Height (ft.): 22 Diameter (in.): 12
NYTMN (km.): 4798.232 NYTME (km.): 609.177 Building: 001

Item 28.2(From Mod 0):

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

Emission Unit: 0-00002

Emission Point: 00061
Height (ft.): 19 Diameter (in.): 10
NYTMN (km.): 4798.226 NYTME (km.): 609.182 Building: 004

Emission Point: 00062
Height (ft.): 19 Diameter (in.): 10
NYTMN (km.): 4798.226 NYTME (km.): 609.179 Building: 004

Emission Point: 00069
Height (ft.): 19 Diameter (in.): 10
NYTMN (km.): 4798.229 NYTME (km.): 609.179 Building: 004

Emission Point: 00070
Height (ft.): 19 Diameter (in.): 8
NYTMN (km.): 4798.226 NYTME (km.): 609.179 Building: 004

Emission Point: 00071
Height (ft.): 19 Diameter (in.): 10
NYTMN (km.): 4798.226 NYTME (km.): 609.174 Building: 004

Emission Point: 00072
Height (ft.): 19 Diameter (in.): 10
NYTMN (km.): 4798.232 NYTME (km.): 609.185 Building: 004

Emission Point: 00073
Height (ft.): 19 Diameter (in.): 10
NYTMN (km.): 4798.226 NYTME (km.): 609.182 Building: 004

Emission Point: 00080
Height (ft.): 19 Diameter (in.): 10
NYTMN (km.): 4798.229 NYTME (km.): 609.179 Building: 004

Emission Point: 00081
Height (ft.): 19 Diameter (in.): 10
NYTMN (km.): 4798.229 NYTME (km.): 609.179 Building: 004

Emission Point: 00082
Height (ft.): 19 Diameter (in.): 8
NYTMN (km.): 4798.229 NYTME (km.): 609.179 Building: 004

Emission Point: 00103
Height (ft.): 19 Diameter (in.): 10
NYTMN (km.): 4798.232 NYTME (km.): 609.185 Building: 004

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Emission Point: 00107
Height (ft.): 19 Diameter (in.): 10
NYTMN (km.): 4798.232 NYTME (km.): 609.179 Building: 004

Emission Point: 00108
Height (ft.): 24 Diameter (in.): 10
NYTMN (km.): 4798.234 NYTME (km.): 609.179 Building: 004

Emission Point: 10042
Height (ft.): 22 Diameter (in.): 10
NYTMN (km.): 4798.232 NYTME (km.): 609.182 Building: 004

Emission Point: 10090
Height (ft.): 22 Diameter (in.): 12
NYTMN (km.): 4798.232 NYTME (km.): 609.182 Building: 004

Item 28.3(From Mod 0):

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

Emission Unit: 0-00003

Emission Point: 00058
Height (ft.): 19 Diameter (in.): 13
NYTMN (km.): 4798.232 NYTME (km.): 609.145 Building: 003

Item 28.4(From Mod 0):

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

Emission Unit: 0-00004

Emission Point: 00007
Height (ft.): 14 Length (in.): 12 Width (in.): 12
NYTMN (km.): 4798.205 NYTME (km.): 609.169 Building: 005

Emission Point: 10096
Height (ft.): 31 Diameter (in.): 18
NYTMN (km.): 4798.195 NYTME (km.): 609.142 Building: 005

Item 28.5(From Mod 0):

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

Emission Unit: 0-00005

Emission Point: 10066
Height (ft.): 16 Diameter (in.): 12
NYTMN (km.): 4798.195 NYTME (km.): 609.193 Building: 006

Condition 29: Process Definition By Emission Unit

Effective between the dates of 05/30/2017 and 05/29/2027

Applicable State Requirement:6 NYCRR Subpart 201-5

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Item 29.1(From Mod 0):

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

Emission Unit: 0-00001

Process: BHC

Source Classification Code: 3-99-999-99

Process Description: This is the BH dip coating line in building 1.

Emission Source/Control: BHCOT - Process

Emission Source/Control: BU101 - Process

Item 29.2(From Mod 0):

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

Emission Unit: 0-00001

Process: BUC

Process Description:

This process consists of the Branson Ultrasonic Cleaners using methylene chloride as degreasing agent.

Emission Source/Control: BU101 - Process

Emission Source/Control: DEGR1 - Process

Item 29.3(From Mod 0):

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

Emission Unit: 0-00001

Process: BUS

Source Classification Code: 4-02-025-42

Process Description:

This process is the exhaust from 6 spray booths, two pot cleaning tanks, three finish spray booths and one vent for a chemical dispensing area. All emission sources are vented through one emission point. The 6 spray booths and 2 finish spray booths are equipped with expanded paper arrestor pads to capture paint emissions prior to exhausting into the atmosphere.

Emission Source/Control: OFB-1 - Process

Emission Source/Control: OFB-2 - Process

Emission Source/Control: FIN01 - Process

Emission Source/Control: HOOD1 - Process

Emission Source/Control: POT-1 - Process

Emission Source/Control: SPB-1 - Process

Emission Source/Control: SPB-2 - Process

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Emission Source/Control: SPB-3 - Process

Emission Source/Control: SPB-4 - Process

Emission Source/Control: SPB-5 - Process

Emission Source/Control: SPB-6 - Process

Item 29.4(From Mod 0):

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

Emission Unit: 0-00001

Process: GB1

Process Description:

Twelve Glebar machines which are used for surface grinding stainless steel wire located in building 1

Emission Source/Control: GB101 - Process

Item 29.5(From Mod 0):

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

Emission Unit: 0-00001

Process: HDR

Source Classification Code: 3-99-999-99

Process Description: The process consists of the hydrophillic dip rig.

Emission Source/Control: HYDRO - Process

Item 29.6(From Mod 0):

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

Emission Unit: 0-00001

Process: IMP

Source Classification Code: 3-99-999-99

Process Description:

Six ovens are used to cure woven catheter bodies with an impregnation solvent/resin.

Emission Source/Control: OVE02 - Process

Emission Source/Control: OVE04 - Process

Emission Source/Control: OVE05 - Process

Emission Source/Control: OVE06 - Process

Emission Source/Control: OVE44 - Process

Emission Source/Control: OVE53 - Process

Item 29.7(From Mod 0):

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

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Emission Unit: 0-00001

Process: INF

Source Classification Code: 3-99-999-99

Process Description:

An infrared curing oven is used to dry the Teflon coating on catheters. The unit is vented through a single stack.

Emission Source/Control: OVEN7 - Process

Item 29.8(From Mod 0):

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

Emission Unit: 0-00001

Process: LUT

Process Description:

The process consists of five Lutonix coating system process lines which are used to create catheters with a methanol based medicinal coating. Also included is one isolation box used for mixing the methanol based coating.

Emission Source/Control: LUT01 - Process

Emission Source/Control: LUT02 - Process

Emission Source/Control: LUT03 - Process

Emission Source/Control: LUT04 - Process

Emission Source/Control: LUT05 - Process

Emission Source/Control: LUT06 - Process

Item 29.9(From Mod 0):

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

Emission Unit: 0-00001

Process: MAP

Process Description:

A mix station produces sec-butyl alcohol. This process utilizes fan # 029.

Emission Source/Control: HCS01 - Process

Item 29.10(From Mod 0):

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

Emission Unit: 0-00001

Process: MIX

Process Description:

This process consists of a dust collector equipped with a bag filter, located in the rack department of building 1. The dust is collected from the tin powder in the mix

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area.

Emission Source/Control: DUST1 - Process

Item 29.11(From Mod 0):

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

Emission Unit: 0-00001

Process: NAV

Source Classification Code: 3-99-999-99

Process Description:

The process consists of winding wire, heat treating wire, application of urethane coating, and various benchtop assembly operations such as cut to length, hand solvent cleaning, bonding and silicone coating. The urethane coating operation uses a pressurized die to apply the viscous coating to the wire substrate in a humidity controlled environment. Exhaust is vented through 3 stacks using fans # 79, 80 and 81.

Emission Source/Control: NAVEX - Process

Emission Source/Control: UC-CP - Process

Emission Source/Control: UC-FH - Process

Item 29.12(From Mod 0):

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

Emission Unit: 0-00001

Process: NIT

Source Classification Code: 3-99-999-99

Process Description:

Nitinol wire is cut to length, welded and crimped, then wound on a fixture. The product is then annealed in the sodium nitrate salt bath in the furnace at 896 degrees F. It is then cleaned using isopropyl alcohol and inspected. Some product is coated using urethane resin with tetrahydrofuran in the Navarre room.

Emission Source/Control: OV162 - Process

Emission Source/Control: SLTBH - Process

Item 29.13(From Mod 0):

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

Emission Unit: 0-00001

Process: PRI

Source Classification Code: 3-99-999-99

Process Description:

This process consists of drying ovens used for curing coatings on catheters following spraying at the booths, ventilation of the drying booths, ovens used for drying inks on the catheters and exhaust trunks for the print

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area.

Emission Source/Control: CO-OV - Process

Emission Source/Control: DRY-1 - Process

Emission Source/Control: DRYOV - Process

Emission Source/Control: EXHAT - Process

Emission Source/Control: INKOV - Process

Item 29.14(From Mod 0):

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

Emission Unit: 0-00001

Process: PRN

Source Classification Code: 4-05-006-01

Process Description: Operating KE13 printer.

Emission Source/Control: PRT01 - Process

Item 29.15(From Mod 0):

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

Emission Unit: 0-00001

Process: TEF

Source Classification Code: 3-99-999-99

Process Description:

An electronic spray booth is used to spray Teflon coating onto catheters. The unit is vented through a single stack.

Emission Source/Control: HIEFF - Control

Control Type: FABRIC FILTER

Emission Source/Control: PRECP - Process

Item 29.16(From Mod 0):

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

Emission Unit: 0-00002

Process: CON

Source Classification Code: 3-99-999-99

Process Description:

This process consists of the spray booths for solvent application in the Building 4 Conquest and Atlas departments. The Atlas sources are vented through 2 stacks using fans #45, 90, 103, 107, and 108. The Conquest sources are thirteen small booths which utilize fans #42, 43 and 44.

Emission Source/Control: ATL01 - Process

Emission Source/Control: ATL02 - Process

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Emission Source/Control: CON01 - Process

Emission Source/Control: CON02 - Process

Emission Source/Control: CON03 - Process

Emission Source/Control: SPB-8 - Process

Emission Source/Control: SPB-9 - Process

Item 29.17(From Mod 0):

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

Emission Unit: 0-00003

Process: LAT

Process Description:

This process contains a vented hood used for mixing latex. Alcohol and ammonia are the only volatile constituents of the latex mix.

Emission Source/Control: HOOD2 - Process

Item 29.18(From Mod 0):

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

Emission Unit: 0-00004

Process: GB2

Process Description:

One Glebar machine is used for surface grinding stainless steel wire located in building 5.

Emission Source/Control: GB201 - Process

Item 29.19(From Mod 0):

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

Emission Unit: 0-00004

Process: POR

Process Description:

This process consists of metal finishing in building 5. It includes exhaust from an acid passivation unit which vents through a single stack using fan #96.

Emission Source/Control: FH041 - Process

Emission Source/Control: PVB01 - Process

Item 29.20(From Mod 0):

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

Emission Unit: 0-00005

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Process: RED

Source Classification Code: 3-99-999-99

Process Description:

This process consists of soaking catheters in pentane.
The catheters are then placed in a down draft vent to
remove any vapors.

Emission Source/Control: EXHT2 - Process