

New York State Department of Environmental Conservation

Permit Review Report

Permit ID: 3-3924-00025/00821



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Facility Identification Data

Name: WYETH-AYERST/LEDERLE LABORATORIES
Address: 401 NORTH MIDDLETOWN RD
City: PEARL RIVER
Zip: 10965
Zip: 10965

Owner/Firm

Name: AMERICAN CYANAMID CO
City: MADISON
State: NJ Country: USA Zip: 07940
Owner Classification: Corporation/Partnership

Permit Contacts

Division of Environmental Permits:
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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)(2) 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 separate document and is not itself an enforceable term and condition of the permit.

Summary Description of Proposed Project

TITLE V OPERATING PERMIT APPLICATION.

Attainment Status

WYETH-AYERST/LEDERLE LABORATORIES is located in the town of ORANGETOWN in the county of ROCKLAND.

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

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air pollutant.)

Criteria Pollutant	Attainment Status
Particulate Matter (PM)	ATTAINMENT
Particulate Matter < 10µ in diameter (PM10)	ATTAINMENT
Sulfur Dioxide (SO2)	ATTAINMENT
Ozone*	SEVERE 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

THIS FACILITY IS ENGAGED IN THE MANUFACTURE, RESEARCH AND DEVELOPMENT OF PHARMACEUTICAL, NUTRITIONAL, BIOLOGICAL AND OTHER RELATED PRODUCTS. THE LOCATION ALSO CONTAINS FACILITY SUPPORT FUNCTIONS SUCH AS WAREHOUSES, TANKS, WASTEWATER TREATMENT AND BOILERS.

Permit Structure and Description of Operations

The Title V permit for WYETH-AYERST/LEDERLE LABORATORIES 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

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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.

WYETH-AYERST/LEDERLE LABORATORIES is defined by the following emission unit(s):
Emission unit F00001 - BOILERS # 4, 5, AND 6. FUEL TYPES ARE NATURAL GAS AND NO. 2 OIL.

Emission unit F00001 is associated with the following emission points (EP):
13256, 23155, 23257

It is further defined by the following process(es):

Process: B01 is located at Building 132 - THREE BOILERS FIRING NATURAL GAS AND/OR #2 FUEL OIL

Emission unit F00002 - CO-GENERATION FACILITY CONSISTING OF TWO TURBINES (#1 AND #2) EACH WITH A BOILER (BOILERS #1 AND #2). During periods of start-up, the turbine(s) exhaust through a bypass stack until the unit reaches 90% running speed (boiler permissive) at which time the turbine exhaust may be / is manually diverted into the boiler(s). The water for injection turns on automatically at a pre-set T5 temperature, as determined by the turbine manufacturer. The turbine(s) are ramped up to, and then operated at full power (maximum output), limited by the T5 temperature. T5 is the turbine third stage inlet (power turbine inlet) temperature. The maximum output limiting set-point T5 temperature is a value det

Emission unit F00002 is associated with the following emission points (EP):
00101, 00102, 00106, 00107

It is further defined by the following process(es):

Process: C01 is located at Building 133 - OPERATION OF TURBINE(S) ON NATURAL GAS, and waste heat boilers with DUCT BURNERS OFF, as described in the unit description.

Process: C02 is located at Building 133 - OPERATION OF TURBINES AND WASTE HEAT BOILER(S) ON NATURAL GAS, as described in the unit description. During testing for fuel change-over periods, when the unit is changing from burning natural gas to fuel oil, the turbine and duct burners may be operated on different fuels.

Process: C03 is located at Building 133 - OPERATION OF TURBINE(S) ON #2 FUEL OIL, and waste heat boilers with DUCT BURNERS OFF, as described in the unit description.

Process: C04 is located at Building 133 - OPERATION OF TURBINE(S) AND WASTE HEAT BOILER(S) ON #2 FUEL OIL, as described in the unit description.

Emission unit F00003 - THIS UNIT INCLUDES EQUIPMENT ASSOCIATED WITH THE SITE INFRASTRUCTURE INCLUDING THE WASTE WATER TREATMENT PLANT, FUEL STORAGE AND EMERGENCY GENERATORS.

Emission unit F00003 is associated with the following emission points (EP):
09714, 09715, 14109, 14114, 14115, 14116, 54118, FOI11, FOI12

It is further defined by the following process(es):

Process: W01 is located at Building 141COMPLEX - EQUIPMENT ASSOCIATED WITH THE WASTE WATER TREATMENT PLANT.

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Process: W02FUEL OIL TANKS.

Process: W03Two emergency generators operated on diesel fuel. Fuel burned is capped so that annual NOx emissions remain below 5000 pounds per year.

Emission unit P00001 - Pharmaceutical manufacturing formulation operations including weighing, milling, blending, granulation, drying, filling and packaging operations.

Emission unit P00001 is associated with the following emission points (EP):

10075, 11033, 11246, 11247, 11253, 11254, 11256, 11257, 11258, 12009, 12010, 12029, 12051, 12055, 12073, 12099, 21203, 21204, 21205, 21206, 21207, 21208, 21209, 21210, 21211, 21212, 21213, 21234, 21237, 21238, 21240, 21241, 21244, 21245, 21246, 21251, 21252, 32004, 32019, 32022, 32023, 33074, 33075, 33076

It is further defined by the following process(es):

Process: 045PARTICULATE SOURCES/EXHAUST SYSTEMS WITH PARTICULATE CONTROLS. THAT MAY EMIT A, B, C AND D RATED AIR CONTAMINANTS

Process: 047 is located at Building 112A - PHARM MFG. PRODUCTION EXHAUST SYSTEMS WITH NON-VOC EMISSIONS

Process: 048PARTICULATE SOURCES WITH NO CONTROLS FOR PARTICULATES.

Process: 049PROCESS TANKS AND OTHER EQUIPMENT WITH NON-VOC EMISSIONS

Process: 46AAIR DRYERS USED IN PHARMACEUTICAL MANUFACTURING WITH VOCs AND VOC CONTROL DEVICE.

Emission unit P00002 - Pharmaceutical manufacturing formulation operations including granulation and drying.

Emission unit P00002 is associated with the following emission points (EP):

32018

It is further defined by the following process(es):

Process: 078PHARM MFG. VOC PROCESS TANKS.

Process: 080PARTICULATE SOURCES/EXHAUST SYSTEMS WITH PARTICULATE CONTROLS. that may emit A, B, C and D rated air contaminants.

Process: 081PHARM MFG. PRODUCTION EXHAUST SYSTEMS WITH NON-VOC EMISSIONS.

Process: 79APHARM MFG. PRODUCTION EXHAUST SYSTEMS WITH VOC EMISSIONS AND VOC CONTROLS.

Emission unit R00001 - STERILIZER SYSTEM

Emission unit R00001 is associated with the following emission points (EP):

20017

It is further defined by the following process(es):

Process: S01Ethylene oxide sterilization using less than 1 ton per year of ethylene oxide

Emission unit R00002 - MANUFACTURING IN RESEARCH & DEVELOPMENT FACILITIES. MANY OF THESE SOURCES WILL ALSO OPERATE AS EXEMPT R&D SOURCES.

OPERATIONS ARE SUBJECT TO THE PERMIT AND APPLICABLE RULE ONLY WHEN MANUFACTURING PRODUCTS FOR SALE OR WHEN USING / EMITTING VOC'S WHEN MANUFACTURING PRODUCTS FOR CLINICAL USE IN PATIENTS AND NOT OTHERWISE EXEMPT FROM PART 233 [e.g., 233.1(g)(2)].

Emission unit R00002 is associated with the following emission points (EP):

16909, 16919, 24010, 24011, 24012, 24013, 24014, 29660

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It is further defined by the following process(es):

Process: LABAqueous based pharmaceutical manufacturing for sale. Also includes pharmaceutical manufacturing for sale where small quantities of VOC's (less than one pound per day) may be emitted.
Process: R02Production exhaust systems used in the manufacturing of pharmaceutical products for clinical use in patients and emitting 33 pound per day VOC or less. The sources may also operate as exempt R&D sources.

Emission unit R00003 - FORMULATION DEVELOPMENT OPERATIONS IN BUILDING 230. VOC EMISSIONS ARE CAPPED AT 0.21 TONS PER YEAR. BOTH AQUEOUS BASED AND SOLVENT BASED DEVELOPMENT ACTIVITIES MAY BE PERFORMED. OCCASIONALLY, PHARMACEUTICAL PRODUCTS MAY BE MANUFACTURED FOR USE IN PATIENTS FOR CLINICAL STUDY. FOR ALL OPERATIONS, THE VOC CONTROL SYSTEM MAY BE BY-PASSED, EXCEPT WHEN THE BATCH VOC EMISSION RATE FOR THE PROCESS EQUIPMENT EXCEEDS ONE POUND PER DAY, OR WHEN VOC EMISSIONS IN ANY CALENDAR DAY EXCEED ONE POUND. THE VOC CONTROL SYSTEM IS NOT OPERATED WHEN VOC'S ARE NOT PROCESSED.

Emission unit R00003 is associated with the following emission points (EP): 63005, 63006, 63010, 63011, 63012, 63013, 63016, 63020, 63032

It is further defined by the following process(es):

Process: R01 is located at Building 230 - Formulation development operations in Building 230. VOC emissions are capped at 0.21 tons per year. Both aqueous based and solvent based development activities may be performed. Occasionally, pharmaceutical products may be manufactured for use in patients for clinical study. For all operations, the VOC control system may be by-passed, except when the batch VOC emission rate for the process equipment exceeds one pound per day, or when VOC emissions in any calendar day exceed one pound. The VOC control system is not operated when VOC's are not processed

Emission unit W00002 - 60 - STORAGE TANKS USED IN SUPPORT OF PHARMACEUTICAL MANUFACTURING OPERATIONS THAT CONTAIN VOCS (ACETONITRILE, BUTANOL, 2-METHOXYETHANOL, ETC). 61 - STORAGE TANKS USED IN SUPPORT OF PHARMACEUTICAL MANUFACTURING OPERATIONS THAT CONTAIN VOCS AND THE VAPOR PRESSURE OF THE CONTAINED MATERIAL IS GREATER THAN 1.5 PSI AT 20°C (E.G. METHANOL). 62 - STORAGE TANKS THAT DO NOT CONTAIN VOCS AND HAVE CAPACITIES GREATER THAN OR EQUAL TO 10,000 GALLONS. [212] CONTROL EMISSIONS PER TABLE 2--(<1 LB/HR NO CONTROLS) [212.4a &b]. 63 - STORAGE TANKS >10,000 GAL CONSTRUCTED OR MAJOR MODIFICATION SINCE JULY 1984. 64 - PHARMACEUTICAL MANUFACTURING VOC PROCESS TANKS [NOT OPERATING AS 233 EXEMPT REACTORS EXTRACTORS AND CRYSTALLIZERS]. 65 - PHARMACEUTICAL MANUFACTURING VOC REACTORS, EXTRACTORS, DISTILLATION OPERATIONS, CRYSTALLIZERS, CENTRIFUGES AND VACUUM DRYERS USED IN, OR IN SUPPORT OF PHARMACEUTICAL MANUFACTURING WITHOUT CONTROLS (POTENTIAL < 15 LBS/CALENDAR DAY). 66 - PHARMACEUTICAL MANUFACTURING VOC REACTORS, EXTRACTORS ... VOC DISTILLATION UNITS/VOC DISTILLATION RECEIVER TANKS W/PROCEDURAL CONTROLS TO KEEP POTENTIAL < 15 LBS/CALENDAR DAY). 66A - PHARMACEUTICAL MANUFACTURING PRODUCTION EXHAUST SYSTEMS WITH VOC EMISSIONS THAT ARE <33 LBS/DAY. 68A - PHARMACEUTICAL MANUFACTURING PRODUCTION EXHAUST SYSTEMS WITH VOC EMISSIONS AND VOC CONTROLS. 68B - PHARMACEUTICAL MANUFACTURING PRODUCTION EXHAUST SYSTEMS WITH

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Emission unit W00002 is associated with the following emission points (EP):
05443, 05444, 21003, 21103, 21104, 21107, 21108, 21110, 21113, 21157, 21538, 21540, 21544,
21548, 36241, 36432, 43114, 43201, 43264, 43270, 43277, 43278

It is further defined by the following process(es):

Process: 060PHARM MFG STORAGE TANKS VOCS WITH VP CONTAINED MATERIAL LESS THAN 1.5 PSI AT 20C.

Process: 064PHARM MFG. VOC PROCESS TANKS.

Process: 065PHARM MFG. VOC SOURCES WITHOUT CONTROLS (POTENTIAL <15 LBS/CALENDAR DAY).

Process: 068PHARM MFG. PRODUCTION EXHAUST SYSTEMS WITH VOC EMISSIONS THAT ARE <33 LBS/DAY.

Process: 070PARTICULATE SOURCES/EXHAUST SYSTEMS WITH PARTICULATE CONTROLS.

Process: 072PHARM. MFG PRODUCTION EXHAUST SYSTEMS W/NON VOC EMISSIONS.

Process: 073PARTICULATE SOURCES WITH NO CONTROLS FOR PARTICULATES.

Process: 074PROCESS TANKS AND OTHER EQUIPMENT WITH NON-VOC EMISSIONS.

Emission unit COMINO - 1-STORAGE TANKS USED IN SUPPORT OF PHARMACEUTICAL MANUFACTURING OPERATIONS THAT CONTAIN VOCS (ACETONITRILE, BUTANOL, 2-METHOXYETHANOL, ETC.).

2- STORAGE TANKS > 10,000 GAL. CONSTRUCTED OR MAJOR MODIFICATION SINCE JULY 1984.

3-PHARMACEUTICAL MANUFACTURING, DISTILLATION OPERATIONS, WITHOUT CONTROLS (POTENTIAL <15 LBS/CALENDAR DAY).

4-SOURCES THAT CONTAIN A RATED CONTAMINANTS, WITHOUT CONTROL (E.G. BENZENE, FORMALDEHYDE AND NICKEL COMPOUNDS).

5-VOC STORAGE TANK NOT USED IN SUPPORT OF PHARMACEUTICAL MANUFACTURING.

Emission unit COMINO is associated with the following emission points (EP):
54817, 64805, 64817, 74803, 74837, 74839, 74850, 74851, 74852, 74853, 84808, 84809, 84827,
84834, 84857, 84858, 84866, 84870, 84871, 84876, 84878, 94807

It is further defined by the following process(es):

Process: 001PHARMACEUTICAL MANUFACTURING STORAGE TANKS VOCS WITH VP CONTAINED MATERIAL LESS THAN 1.5 PSI AT 20C.

Process: 006STORAGE TANKS >10,000 GAL CONSTRUCTED OR MAJOR MODIFICATION SINCE JULY 1984.

Process: 008 is located at Building 130 - 233 VOC SOURCES ASSOCIATED WITH DISTILLATION OPERATIONS, WITHOUT CONTROLS (PTE <15 LBS/cal day)

Process: 018VOC SOURCES NOT USED IN SUPPORT OF PHARMACEUTICAL MANUFACTURING.

Process: 12ANON-EXEMPT SOURCE THAT CONTAINS A RATED CONT. WITHOUT CONTROL FOR A RATED CONT.

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Title V/Major Source Status

WYETH-AYERST/LEDERLE LABORATORIES is subject to Title V requirements. This determination is based on the following information:
Facility is a major source of NOx and VOC.

Program Applicability

The following chart summarizes the applicability of WYETH-AYERST/LEDERLE LABORATORIES with regards to the principal air pollution regulatory programs:

Regulatory Program	Applicability
PSD	YES
NSR (non-attainment)	YES
NESHAP (40 CFR Part 61)	NO
NESHAP (MACT - 40 CFR Part 63)	YES
NSPS	YES
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)

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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

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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
2833	MEDICINALS AND BOTANICALS
2834	PHARMACEUTICAL PREPARATIONS
2836	BIOLOGICAL PRODUCTS, EXCEPT DIAGNOSTIC

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
3-01-060-09	CHEMICAL MANUFACTURING CHEMICAL MANUFACTURING - PHARMACEUTICAL PREPARATIONS Air Dryers
3-01-060-08	CHEMICAL MANUFACTURING CHEMICAL MANUFACTURING - PHARMACEUTICAL PREPARATIONS Exhaust Systems
3-01-060-99	CHEMICAL MANUFACTURING CHEMICAL MANUFACTURING - PHARMACEUTICAL PREPARATIONS Other Not Classified
3-01-060-10	CHEMICAL MANUFACTURING CHEMICAL MANUFACTURING - PHARMACEUTICAL PREPARATIONS Storage/Transfer
3-01-820-02	CHEMICAL MANUFACTURING CHEMICAL MANUFACTURING - WASTEWATER AGGREGATE WASTEWATER TREATMENT
1-02-014-03	EXTERNAL COMBUSTION BOILERS - INDUSTRIAL INDUSTRIAL BOILER - CO BOILER Distillate Oil
2-01-001-01	INTERNAL COMBUSTION ENGINES - ELECTRIC GENERATION ELECTRIC UTILITY INTERNAL COMBUSTION ENGINE - DISTILLATE OIL (DIESEL) Turbine
2-01-010-01	INTERNAL COMBUSTION ENGINES - ELECTRIC GENERATION ELECTRIC UTILITY INTERNAL COMBUSTION ENGINE - GEYSER/GEOTHERMAL Steam Turbine
2-02-001-02	INTERNAL COMBUSTION ENGINES - INDUSTRIAL INDUSTRIAL INTERNAL COMBUSTION ENGINE - DISTILLATE OIL(DIESEL) Reciprocating
2-02-004-02	INTERNAL COMBUSTION ENGINES - INDUSTRIAL INDUSTRIAL INTERNAL COMBUSTION LARGE BORE ENGINE Dual Fuel (Oil/Gas)
3-15-020-01	PHOTOGRAPHIC EQUIPMENT HEALTH CARE - HOSPITALS Sterilization w/ Ethylene Oxide
3-15-030-01	PHOTOGRAPHIC EQUIPMENT MISCELLANEOUS INDUSTRIES - PHOTOGRAPHIC EQUIPMENT- LABORATORIES MISCELLANEOUS INDUSTRIES-LABORATORIES-BENCH SCALE REAGENTS-RESEARCH

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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
000092-52-4	1, 1 BIPHENYL (HAP)	> 0	but < 10 tpy
000079-34-5	1, 1, 2, 2-TETRACHLOROETHANE (HAP)	> 0	but < 10 tpy
000057-14-7	1, 1-DIMETHYL HYDRAZINE (HAP)	> 0	but < 10 tpy
000120-82-1	1, 2, 4-TRICHLOROBENZENE (HAP)	> 0	but < 10 tpy
000084-74-2	1, 2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER (HAP)	> 0	but < 10 tpy
000120-80-9	1, 2-BENZENEDIOL (HAP)	> 0	but < 10 tpy
000107-06-2	1, 2-DICHLOROETHANE (HAP)	> 0	but < 10 tpy
000107-21-1	1, 2-ETHANEDIOL (HAP)	> 0	but < 10 tpy
000108-38-3	1, 3 DIMETHYL BENZENE (HAP)	> 0	but < 10 tpy
000095-80-7	1, 3-BENZENEDIAMINE, 4-METHYL- (HAP)	> 0	but < 10 tpy
000106-99-0	1, 3-BUTADIENE (HAP)	> 0	but < 10 tpy
000126-99-8	1, 3-BUTADIENE, 2-CHLORO- (HAP)	> 0	but < 10 tpy
000085-44-9	1, 3-ISOBENZOFURANDIONE (HAP)	> 0	but < 10 tpy
000123-31-9	1, 4-BENZENEDIOL (HAP)	> 0	but < 10 tpy
000123-91-1	1, 4-DIETHYLENE DIOXIDE (HAP)	> 0	but < 10 tpy
000063-25-2	1-NAPHTHALENOL, METHYLCARBAMATE (HAP)	> 0	but < 10 tpy
000098-86-2	1-PHENYLETHANONE (HAP)	> 0	but < 10 tpy
000542-75-6	1-PROPENE, 1, 3-DICHLORO- (HAP)	> 0	but < 10 tpy
001746-01-6	2, 3, 7, 8-TETRACHLORODIBENZO-P-D IOXIN (HAP)	> 0	but < 10 tpy
000121-14-2	2, 4, DINITRO TOLUENE (HAP)	> 0	but < 10 tpy
000051-28-5	2, 4, DINITROPHENOL (HAP)	> 0	but < 10 tpy
000088-06-2	2, 4, 6 TRICHLOROPHENOL (HAP)	> 0	but < 10 tpy
000094-75-7	2, 4-DICHLOROPHENOXYACETIC ACID (HAP)	> 0	but < 10 tpy
000108-31-6	2, 5 - FURANDIONE (HAP)	> 0	but < 10 tpy
000053-96-3	2-ACETYLAMINOFLUORENE (HAP)	> 0	but < 10 tpy

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000078-59-1	2-CYCLOHEXEN-1-ONE, 3,5,5-TRIME THYL (HAP)	> 0 but < 10 tpy
000105-60-2	2H-AZEPIN-2-ONE, HEXAHYDRO	> 0 but < 2.5 tpy
000095-48-7	2-METHYL-PHENOL (HAP)	> 0 but < 10 tpy
000108-10-1	2-PENTANONE, 4-METHYL (HAP)	> 0 but < 10 tpy
000079-10-7	2-PROPENOIC ACID (HAP)	> 0 but < 10 tpy
000140-88-5	2-PROPENOIC ACID, ETHYL ESTER (HAP)	> 0 but < 10 tpy
000091-94-1	3,3'-DICHLOROBENZIDINE (HAP)	> 0 but < 10 tpy
000119-90-4	3,3'-DIMETHOXYBENZIDINE (HAP)	> 0 but < 10 tpy
000107-05-1	3-CHLORO-1-PROPENE (HAP)	> 0 but < 10 tpy
000101-77-9	4,4'-DIAMINODIPHENYLMETHANE (HA P)	> 0 but < 10 tpy
000101-14-4	4,4-METHYLENE BIS(2-CHLOROANILINE) (HAP)	> 0 but < 10 tpy
000060-11-7	4-DIMETHYLAMINOAZOBENZENE (HAP)	> 0 but < 10 tpy
000092-93-3	4-NITROBIPHENYL (HAP)	> 0 but < 10 tpy
000075-07-0	ACETALDEHYDE (HAP)	> 0 but < 10 tpy
000060-35-5	ACETAMIDE (HAP)	> 0 but < 10 tpy
000108-05-4	ACETIC ACID ETHENYL ESTER (HAP)	> 0 but < 10 tpy
000079-11-8	ACETIC ACID, CHLORO (HAP)	> 0 but < 10 tpy
000075-05-8	ACETONITRILE (HAP)	> 0 but < 10 tpy
000107-02-8	ACROLEIN (HAP)	> 0 but < 10 tpy
000532-27-4	ALPHA-CHLOROACETOPHENONE (HAP)	> 0 but < 10 tpy
000062-53-3	ANILINE (HAP)	> 0 but < 10 tpy
007440-36-0	ANTIMONY (HAP)	> 0 but < 10 tpy
007440-38-2	ARSENIC (HAP)	> 0 but < 10 tpy
001332-21-4	ASBESTOS (HAP)	> 0 but < 10 tpy
000075-55-8	AZIRIDINE, 2-METHYL (HAP)	> 0 but < 10 tpy
000114-26-1	BAYGON (HAP)	> 0 but < 10 tpy
000090-04-0	BENZENAMINE, 2-METHOXY (HAP)	> 0 but < 10 tpy
000095-53-4	BENZENAMINE, 2-METHYL (HAP)	> 0 but < 10 tpy
000121-69-7	BENZENAMINE, N, N-DIMETHYL (HAP)	> 0 but < 10 tpy
000071-43-2	BENZENE (HAP)	> 0 but < 10 tpy
000098-82-8	BENZENE, (1-METHYLETHYL) (HAP)	> 0 but < 10 tpy
000106-46-7	BENZENE, 1,4-DICHLORO- (HAP)	> 0 but < 10 tpy
000584-84-9	BENZENE, 2,4-DIISO CYANATO-1-METHYL- (HAP)	> 0 but < 10 tpy
000098-07-7	BENZENE, TRICHLOROMETHYL (HAP)	> 0 but < 10 tpy
000095-47-6	BENZENE, 1,2-DIMETHYL (HAP)	> 0 but < 10 tpy
000092-87-5	BENZIDINE (HAP)	> 0 but < 10 tpy
000100-44-7	BENZYL CHLORIDE (HAP)	> 0 but < 10 tpy
007440-41-7	BERYLLIUM (HAP)	> 0 but < 10 tpy
000057-57-8	BETA-PROPIOLACTONE (HAP)	> 0 but < 10 tpy
000117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE (HAP)	> 0 but < 10 tpy
000075-25-2	BROMOFORM (HAP)	> 0 but < 10 tpy
007440-43-9	CADMIUM (HAP)	> 0 but < 10 tpy
000133-06-2	CAPTAN (HAP)	> 0 but < 10 tpy
000051-79-6	CARBAMIC ACID, ETHY ESTER (HAP)	> 0 but < 10 tpy
000079-44-7	CARBAMIC CHLORIDE, DIMETHYL (HAP)	> 0 but < 10 tpy
000075-15-0	CARBON DISULFIDE (HAP)	> 0 but < 10 tpy
000630-08-0	CARBON MONOXIDE	>= 100 tpy but < 250 tpy
000056-23-5	CARBON TETRACHLORIDE (HAP)	> 0 but < 10 tpy
000463-58-1	CARBONYL SULFIDE (HAP)	> 0 but < 10 tpy
000133-90-4	CHLORAMBEN (HAP)	> 0 but < 10 tpy
000057-74-9	CHLORDANE (HAP)	> 0 but < 10 tpy
007782-50-5	CHLORINE (HAP)	> 0 but < 10 tpy
000108-90-7	CHLOROBENZENE (HAP)	> 0 but < 10 tpy
000075-45-6	CHLORODIFLUORO-METHANE	>= 2.5 tpy but < 10 tpy
000067-66-3	CHLOROFORM (HAP)	> 0 but < 10 tpy
007440-47-3	CHROMIUM (HAP)	> 0 but < 10 tpy
007440-48-4	COBALT (HAP)	> 0 but < 10 tpy
001319-77-3	CRESYLIC ACID (HAP)	> 0 but < 10 tpy
000156-62-7	CYANAMIDE, CALCIUM SALT (1:1) (HAP)	> 0 but < 10 tpy

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000057-12-5	CYANIDE (HAP)	> 0 but < 10 tpy
003547-04-4	DDE (HAP)	> 0 but < 10 tpy
000334-88-3	DIAZOMETHANE (HAP)	> 0 but < 10 tpy
000132-64-9	DIBENZOFURAN (HAP)	> 0 but < 10 tpy
000075-71-8	DICHLORODIFLUOROMETHANE	>= 2.5 tpy but < 10 tpy
000075-09-2	DICHLOROMETHANE (HAP)	> 0 but < 10 tpy
000131-11-3	DIMETHYL PHTHALATE (HAP)	> 0 but < 10 tpy
000071-55-6	ETHANE, 1,1,1-TRICHLORO (HAP)	> 0 but < 10 tpy
000079-00-5	ETHANE, 1,1,2-TRICHLORO (HAP)	> 0 but < 10 tpy
000075-34-3	ETHANE, 1,1-DICHLORO- (HAP)	> 0 but < 10 tpy
000111-44-4	ETHANE, 1,1'-OXYBIS 2-CHLORO (HAP)	> 0 but < 10 tpy
000106-93-4	ETHANE, 1,2-DIBROMO (HAP)	> 0 but < 10 tpy
000306-83-2	ETHANE, 2,2-DICHLORO-1,1-TRIFLUORO-	> 0 but < 2.5 tpy
000075-00-3	ETHANE, CHLORO (HAP)	> 0 but < 10 tpy
000067-72-1	ETHANE, HEXACHLORO (HAP)	> 0 but < 10 tpy
000111-42-2	ETHANOL, 2,2'-IMINOBI- (HAP)	> 0 but < 10 tpy
000111-46-6	ETHANOL, 2,2'-OXYBIS-	> 0 but < 10 tpy
000075-35-4	ETHENE,1,1-DICHLORO (HAP)	> 0 but < 10 tpy
000510-15-6	ETHYL 4,4'-DICHLOROBENZILATE (HAP)	> 0 but < 10 tpy
000106-88-7	ETHYL OXIRANE (HAP)	> 0 but < 10 tpy
000100-41-4	ETHYLBENZENE (HAP)	> 0 but < 10 tpy
000079-06-1	ETHYLENE CARBOXAMIDE (HAP)	> 0 but < 10 tpy
000075-21-8	ETHYLENE OXIDE (HAP)	> 0 but < 10 tpy
000096-45-7	ETHYLENE THIOUREA (HAP)	> 0 but < 10 tpy
000151-56-4	ETHYLENEIMINE (HAP)	> 0 but < 10 tpy
000050-00-0	FORMALDEHYDE (HAP)	> 0 but < 10 tpy
000068-12-2	FORMAMIDE, N,N-DIMETHYL (HAP)	> 0 but < 10 tpy
000100-00-0	HAP	>= 10 tpy but < 25 tpy
000076-44-8	HEPTACHLOR (HAP)	> 0 but < 10 tpy
000118-74-1	HEXACHLOROBENZENE (HAP)	> 0 but < 10 tpy
000087-68-3	HEXACHLOROBUTADIENE (HAP)	> 0 but < 10 tpy
000077-47-4	HEXACHLOROCYCLOPENTADIENE (HAP)	> 0 but < 10 tpy
000110-54-3	HEXANE (HAP)	> 0 but < 10 tpy
000822-06-0	HEXANE, 1,6-DIISOCYANATO- (HAP)	> 0 but < 10 tpy
000302-01-2	HYDRAZINE (HAP)	> 0 but < 10 tpy
007647-01-0	HYDROGEN CHLORIDE (HAP)	> 0 but < 10 tpy
007664-39-3	HYDROGEN FLUORIDE (HAP)	> 0 but < 10 tpy
000122-66-7	HYRAZINE, 1,2 - DIPHENYL (HAP)	> 0 but < 10 tpy
007439-92-1	LEAD (HAP)	> 0 but < 10 tpy
000058-89-9	LINDANE, GAMMA (HAP)	> 0 but < 10 tpy
007439-96-5	MANGANESE (HAP)	> 0 but < 10 tpy
007439-97-6	MERCURY (HAP)	> 0 but < 10 tpy
000062-75-9	METHANAMINE, N-METHYL-N-NITROSO (HAP)	> 0 but < 10 tpy
000075-63-8	METHANE, BROMOTRIFLUORO- CBRF3	>= 2.5 tpy but < 10 tpy
000542-88-1	METHANE, OXYBIS (CHLORO) (HAP)	> 0 but < 10 tpy
000075-69-4	METHANE, TRICHLOROFLUORO-	>= 2.5 tpy but < 10 tpy
000072-43-5	METHOXYCHLOR (HAP)	> 0 but < 10 tpy
000080-62-6	METHYL ACRYLIC ACIDMETHYL ESTER (HAP)	> 0 but < 10 tpy
000067-56-1	METHYL ALCOHOL (HAP)	> 0 but < 10 tpy
000074-83-9	METHYL BROMIDE (HAP)	> 0 but < 10 tpy
000074-87-3	METHYL CHLORIDE (HAP)	> 0 but < 10 tpy
000107-30-2	METHYL CHLOROMETHYLETHER (HAP)	> 0 but < 10 tpy
000078-93-3	METHYL ETHYL KETONE (HAP)	> 0 but < 10 tpy
000060-34-4	METHYL HYDRAZINE (HAP)	> 0 but < 10 tpy
000074-88-4	METHYL IODIDE (HAP)	> 0 but < 10 tpy
000624-83-9	METHYL ISOCYANATE (HAP)	> 0 but < 10 tpy
001634-04-4	METHYL TERTBUTYL ETHER (HAP)	> 0 but < 10 tpy
000101-68-8	METHYLENE BISPHENYL ISOCYANATE (HAP)	> 0 but < 10 tpy
000121-44-8	N,N-DIETHYL ETHANAMINE (HAP)	> 0 but < 10 tpy
000091-20-3	NAPHTHALENE (HAP)	> 0 but < 10 tpy
000059-28-0	NICKEL (NI 059) (HAP)	> 0 but < 10 tpy
000098-95-3	NITROBENZENE (HAP)	> 0 but < 10 tpy

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000059-89-2	NITROSOMORPHOLINE (HAP)	> 0 but < 10 tpy
000684-93-5	NITROSO-N-METHYLUREA (HAP)	> 0 but < 10 tpy
000119-93-7	O-TOLIDINE (HAP)	> 0 but < 10 tpy
0NY210-00-0	OXIDES OF NITROGEN	>= 250 tpy
000106-89-8	OXIRANE, (CHLOROMETHYL) (HAP)	> 0 but < 10 tpy
000092-67-1	P-AMINODIPHENYL (HAP)	> 0 but < 10 tpy
000100-02-7	PARA-NITROPHENOL (HAP)	> 0 but < 10 tpy
0NY075-00-0	PARTICULATES	>= 250 tpy
000082-68-8	PENTACHLORONITROBENZENE (HAP)	> 0 but < 10 tpy
000540-84-1	PENTANE, 2,2,4-TRIMETHYL- (HAP)	> 0 but < 10 tpy
000127-18-4	PERCHLOROETHYLENE (HAP)	> 0 but < 10 tpy
000108-95-2	PHENOL (HAP)	> 0 but < 10 tpy
000534-52-1	PHENOL, 2-METHYL-4,6-DINITRO (HAP)	> 0 but < 10 tpy
000108-39-4	PHENOL, 3-METHYL (HAP)	> 0 but < 10 tpy
000087-86-5	PHENOL, PENTACHLORO (HAP)	> 0 but < 10 tpy
000075-44-5	PHOSGENE (HAP)	> 0 but < 10 tpy
007803-51-2	PHOSPHINE (HAP)	> 0 but < 10 tpy
000062-73-7	PHOSPHORIC ACID, 2,2-DICHLOROETHENYL DIMETHYL ESTER (HAP)	> 0 but < 10 tpy
000680-31-9	PHOSPHORIC TRIAMIDE, HEXAMETHYL (HAP)	> 0 but < 10 tpy ^{ar}
000056-38-2	PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-(4-NITROPHENYL) ESTER (HAP)	> 0 but < 10 tpy
007723-14-0	PHOSPHORUS (YELLOW) (HAP)	> 0 but < 10 tpy
0NY075-00-5	PM-10	>= 250 tpy
001336-36-3	POLYCHLORINATED BIPHENYL (HAP)	> 0 but < 10 tpy
000106-50-3	P-PHENYLENEDIAMINE (HAP)	> 0 but < 10 tpy
001120-71-4	PROPANE SULTONE (HAP)	> 0 but < 10 tpy
000096-12-8	PROPANE, 1,2-DIBROMO-3-CHLORO (HAP)	> 0 but < 10 tpy
000078-87-5	PROPANE, 1,2-DICHLORO (HAP)	> 0 but < 10 tpy
000075-56-9	PROPANE, 1,2-EPOXY- (HAP)	> 0 but < 10 tpy
000079-46-9	PROPANE, 2-NITRO (HAP)	> 0 but < 10 tpy
000107-13-1	PROPENENITRILE (HAP)	> 0 but < 10 tpy
000123-38-6	PROPIONALDEHYDE (HAP)	> 0 but < 10 tpy
000091-22-5	QUINOLINE (HAP)	> 0 but < 10 tpy
000106-51-4	QUINONE (HAP)	> 0 but < 10 tpy
007782-49-2	SELENIUM (HAP)	> 0 but < 10 tpy
000100-42-5	STYRENE (HAP)	> 0 but < 10 tpy
000096-09-3	STYRENE OXIDE (HAP)	> 0 but < 10 tpy
007446-09-5	SULFUR DIOXIDE	>= 50 tpy but < 100 tpy
000064-67-5	SULFURIC ACID, DIETHYL ESTER (HAP)	> 0 but < 10 tpy
000077-78-1	SULFURIC ACID, DIMETHYL ESTER (HAP)	> 0 but < 10 tpy
007550-45-0	TITANIUM TETRACHLORIDE (HAP)	> 0 but < 10 tpy
000108-88-3	TOLUENE (HAP)	> 0 but < 10 tpy
008001-35-2	TOXAPHENE (HAP)	> 0 but < 10 tpy
000079-01-6	TRICHLOROETHYLENE (HAP)	> 0 but < 10 tpy
000095-95-4	TRICHLOROPHENOL, 2,4,5 (HAP)	> 0 but < 10 tpy
001582-09-8	TRIFLURALIN (HAP)	> 0 but < 10 tpy
000593-60-2	VINYL BROMIDE (HAP)	> 0 but < 10 tpy
000075-01-4	VINYL CHLORIDE (HAP)	> 0 but < 10 tpy
0NY998-00-0	VOC	>= 250 tpy
001330-20-7	XYLENE, M, O & P MIXT. (HAP)	> 0 but < 10 tpy
000106-42-3	XYLENE, PARA- (HAP)	> 0 but < 10 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

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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.

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(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

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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)

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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.

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Item P: Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR 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)

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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

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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;

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- 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

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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

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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
F-00002	40CFR 52-A.21	Prevention of Significant Deterioration	57, 56
F-00002/-/C01	40CFR 52-A.21	Prevention of Significant Deterioration	65, 64
F-00002/-/C02	40CFR 52-A.21	Prevention of Significant Deterioration	67, 66
F-00002/-/C03	40CFR 52-A.21	Prevention of Significant Deterioration	69, 68
F-00002/-/C04	40CFR 52-A.21	Prevention of Significant Deterioration	71, 70
FACILITY	40CFR 60-A.4	General provisions - Address	36
F-00002	40CFR 60-A.7(c)	Notification and Recordkeeping	58
F-00002	40CFR 60-Dc.42c(d)	Standard for Sulfur Dioxide Firing Oil. (see	59

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F-00002	40CFR 60-GG.333(b)	narrative) Standard for Sulfur Dioxide	60
F-00002	40CFR 60-GG.334(a)	Monitoring of Operations for Turbines Employing Water Injection to Control NOx	62, 61
F-00002	40CFR 60-GG.334(b)	Fuel Sulfur and Nitrogen Content Monitoring Requirements	63
C-0MINO/-/006	40CFR 60-Kb.116b(a)	NSPS for volatile organic liquid storage vessels-monitoring of operations	44
C-0MINO/-/006	40CFR 60-Kb.116b(b)	NSPS for volatile organic liquid storage vessels-monitoring of operations	45
F-00003/-/W02	40CFR 60-Kb.116b(b)	NSPS for volatile organic liquid storage vessels-monitoring of operations	74
FACILITY	40CFR 63-GGG.1252	Pharmaceutical MACT - General standards	37
R-00001/-/S01	40CFR 63-O.360(b)	Subpart O - Ethylene Oxide Sterilization	88
FACILITY	40CFR 82-F.	NESHAP Protection of Stratospheric Ozone - recycling and emissions reduction	38
FACILITY	6NYCRR 200.5	Sealing.	1
FACILITY	6NYCRR 200.6	Acceptable ambient air quality.	2
FACILITY	6NYCRR 200.7	Maintenance of equipment.	3
FACILITY	6NYCRR 201-1.10(b)	Permitting - public access to records kept for Title V permitting	8
FACILITY	6NYCRR 201-1.2	Permitting - unpermitted emission sources	4
FACILITY	6NYCRR 201-1.4	Unavoidable noncompliance and violations	107
FACILITY	6NYCRR 201-1.5	Emergency defense	5
FACILITY	6NYCRR 201-1.7	Recycling and Salvage	6
FACILITY	6NYCRR 201-1.8	Prohibition of reintroduction of collected contaminants to the air	7
FACILITY	6NYCRR 201-3.2(a)	Exempt Activities - Proof of eligibility	9
FACILITY	6NYCRR 201-3.3(a)	Trivial Activities - proof of eligibility	10
FACILITY	6NYCRR 201-5.	State Facility Permit General Provisions	108
FACILITY	6NYCRR 201-5.3(b)	Permit Content and Terms of Issuance - permit conditions	109
FACILITY	6NYCRR 201-6.	Title V Permits and the Associated Permit Conditions	11, 12, 14, 15, 17, 18, 19, 20, 21, 22, 23, 39, 40, 13, 16
FACILITY	6NYCRR 201-6.5(c)(3)(ii)	Permit conditions for Recordkeeping and Reporting of Compliance Monitoring	24
FACILITY	6NYCRR 201-6.5(e)	Compliance Certification	25
FACILITY	6NYCRR 201-6.5(f)	Operational flexibility	26
FACILITY	6NYCRR 202-1.1	Required emissions tests.	27

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FACILITY	6NYCRR 202-2.1	Emission Statements - Applicability	28
FACILITY	6NYCRR 202-2.5	Emission Statements - record keeping requirements.	29
FACILITY	6NYCRR 211.2	General Prohibitions - air pollution prohibited.	110
FACILITY	6NYCRR 211.3	General Prohibitions - visible emissions limited	30
P-00001	6NYCRR 212.4(c)	General Process Emission Sources - emissions from new processes and/or modifications	77
P-00002	6NYCRR 212.4(c)	General Process Emission Sources - emissions from new processes and/or modifications	82
R-00002/-/LAB	6NYCRR 212.4(c)	General Process Emission Sources - emissions from new processes and/or modifications	89
W-00002	6NYCRR 212.4(c)	General Process Emission Sources - emissions from new processes and/or modifications	101
P-00001	6NYCRR 212.6(a)	General Process Emission Sources - opacity of emissions limited	78
P-00002	6NYCRR 212.6(a)	General Process Emission Sources - opacity of emissions limited	83
R-00002/-/LAB	6NYCRR 212.6(a)	General Process Emission Sources - opacity of emissions limited	90
W-00002	6NYCRR 212.6(a)	General Process Emission Sources - opacity of emissions limited	102
FACILITY	6NYCRR 215.	Open Fires	31
FACILITY	6NYCRR 225-1.2(a)(2)	Sulfur in Fuel Limitations Post 12/31/87.	32
FACILITY	6NYCRR 226.2	General Requirements.	33
FACILITY	6NYCRR 226.3(a)	Cold cleaning degreasing	34
FACILITY	6NYCRR 226.4(a)	Operating Requirements.	35
F-00001	6NYCRR 227-1.3(a)	Smoke Emission Limitations.	46
F-00002	6NYCRR 227-1.3(a)	Smoke Emission Limitations.	50
F-00002/00101	6NYCRR 227-1.3(a)	Smoke Emission Limitations.	72
F-00002/00102	6NYCRR 227-1.3(a)	Smoke Emission Limitations.	73
F-00003/-/W03	6NYCRR 227-1.3(a)	Smoke Emission Limitations.	75
F-00001/-/B01/F0010	6NYCRR 227-2.4(b)	Control Requirements for large boilers.	47
F-00001/-/B01/F0028	6NYCRR 227-2.4(b)	Control Requirements for large boilers.	48
F-00001/-/B01/F0029	6NYCRR 227-2.4(b)	Control Requirements for large boilers.	49
R-00003/-/R01	6NYCRR 231-2.2	Applicability	99, 100
FACILITY	6NYCRR 231-2.2(b)	Applicability	41
F-00002	6NYCRR 231-2.2(b)	Applicability	51, 52, 53, 54
F-00003/-/W03	6NYCRR 231-2.2(b)	Applicability	76
F-00002	6NYCRR 231-2.5	Lowest achievable emission rate, LAER	55

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P-00001/-/46A	6NYCRR 233.3(b)(1)	Air dryer and production equipment exhaust system requirements	80
P-00001/-/46A	6NYCRR 233.3(b)(2)	Air dryer and production equipment exhaust system requirements	81
P-00002	6NYCRR 233.3(f)	In-process tank requirements	84
R-00002/-/R02	6NYCRR 233.3(f)	In-process tank requirements	91
R-00003	6NYCRR 233.3(f)	In-process tank requirements	95
W-00002	6NYCRR 233.3(f)	In-process tank requirements	103
P-00002	6NYCRR 233.3(g)	Leak requirements	85
R-00002/-/R02	6NYCRR 233.3(g)	Leak requirements	92
R-00003	6NYCRR 233.3(g)	Leak requirements	96
W-00002	6NYCRR 233.3(g)	Leak requirements	104
C-OMINO	6NYCRR 233.5	Recordkeeping.	42, 43
P-00001	6NYCRR 233.5	Recordkeeping.	79
P-00002	6NYCRR 233.5	Recordkeeping.	86, 87
R-00002/-/R02	6NYCRR 233.5	Recordkeeping.	93, 94
R-00003	6NYCRR 233.5	Recordkeeping.	97, 98
W-00002	6NYCRR 233.5	Recordkeeping.	105, 106

Applicability Discussion:

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

6NYCRR Part 200-.5

Allows for the sealing of non-compliant air contamination sources

6NYCRR Part 200-.6

Acceptable ambient air quality - prohibits contravention of ambient air quality standards without mitigating measures

6NYCRR Part 200-.7

Anyone owning or operating an air contamination source which is equipped with an emission control device must operate the control consistent with ordinary and necessary practices, standards and procedures, as per manufacturer's specifications and keep it in a satisfactory state of maintenance and repair so that it operates effectively

6NYCRR Part 201-1.2

Any existing emission source that is required to be permitted or registered but has not done so, must apply for the necessary permit or registration. The source is subject to all regulations that were applicable at the time the original permit or registration was required as well as any subsequent applicable requirements that came into effect since.

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

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from a necessary scheduled equipment maintenance, start-up shutdown, malfunction or upset in the event that these are unavoidable.

6NYCRR Part 201-1.5

An enforcement action may be avoided if the facility can demonstrate that an emergency situation occurred which resulted in an emission limitation or permit violation. The following information would constitute evidence of an emergency situation: a properly signed operating log recorded during the actual event which; identifies the cause(s) of the emergency, indicates that all equipment was operating properly at the time, the person responsible took all reasonable steps to minimize the exceedance or violation, and that the department was notified of the emergency within 2 working days of the event.

6NYCRR Part 201-1.7

Requires the recycle and salvage of collected air contaminants where practical

6NYCRR Part 201-1.8

Prohibits the reintroduction of collected contaminants to the air

6NYCRR Part 201-1.10(b)

Any permit application, compliance plan, permit, and monitoring and compliance certification report that is submitted as part of the Title V permit process must be made available to the public as per requirements set forth under 6 NYCRR Part 616 - Public Access to Records and section 114(c) of the Clean Air Act Amendments of 1990.

6NYCRR Part 201-3.2(a)

An owner and/or operator of an exempt emission source or unit may be required to certify that it operates within the specific criteria described in this Subpart. All required records must be maintained on-site for a period of 5 years and made available to department representatives upon request. In addition, department representatives must be granted access to any facility which contains exempt emission sources or units, 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.

6NYCRR Part 201-3.3(a)

The owner and/or operator of a trivial emission source or unit may be required to certify that it operates within the specific criteria described in this Subpart. All required records must be maintained on-site for a period of 5 years and made available to department representatives upon request. In addition, department representatives must be granted access to any facility which contains trivial emission sources or units subject to 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.

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6NYCRR Part 201-5

General Provisions - this requirement applies to those permit terms and conditions which are not federally enforceable; specifies that permittees must maintain emission units and control devices in compliance with all rules; authorizes reasonable access for inspections for department representatives; requires that on-site monitoring recordkeeping be made available for review for at least 5 years.

Permit Exclusion Provisions - specifies those actions, such as administrative orders, suits, claims for natural resource damages, etc that are not affected by the state-only portion of the permit, unless they are specifically addressed by it.

6NYCRR Part 201-5.3(b)

Lists those contaminants subject to contaminant specific requirements

6NYCRR Part 201-6

General provisions for Title V permits including:

Applicable Criteria, Limits, Terms, Conditions and Standards - requires that facility operations take place in accordance with approved criteria, emission limits, terms, conditions and standards as specified in the permit and that any documents required by the federally enforceable portion of the permit be certified by a responsible official

Cessation or Reduction of Permitted Activity Not a Defense - specifies that the cessation or reduction of a permitted activity to maintain compliance is not a defense in an enforcement action

Compliance Requirements - lists the information that must be included in any required compliance monitoring records and reports; and requires; compliance with any approved compliance schedule; the submittal of risk management plans as per 112(r) of the Act if necessary; and the submittal of compliance progress reports on a semiannual basis, at a minimum

Federally-Enforceable Requirements - specifies what permit terms and conditions, in general, are federally enforceable

Fees - requires the permittee to pay any required fees

Monitoring, Related Recordkeeping and Reporting Requirements - requires all compliance monitoring and recordkeeping to be conducted according to the terms and conditions of the permit and any Q/A requirements; any monitoring or support information is to be retained for minimum of 5 years.

Permit Revocation, Modification, Reopening, Reissuance or Termination and Associated Information Submission Requirements - specifies that the permit may be modified, revoked, reopened and reissued, or terminated for cause; and the permittee must

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furnish information regarding the permit to the department upon reasonable request

Permit Shield - sets forth criteria under which the permit shield applies and what authority the department maintains in pursuing violations

Property Rights - specifies that the permit does not convey any property rights

Reopening Cause - sets forth criteria and procedures for reopening a permit

Right to Inspect - establishes authority whereby department representatives may enter and inspect a facility

Severability - establishes that the permit continues to be valid in instances where any provisions, parts or conditions of the permit are found to be invalid or are the subject of a challenge

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 202-1.1

Specifies that emissions tests may be required to ascertain compliance with any air pollution codes and rules.

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

Specifies the emission statement records that must be maintained for a 5 year period.

6NYCRR Part 211-.2

General air pollution prohibition

6 NYCRR Part 211.3

Restricts the opacity of visible emissions from any air contamination source.

6 NYCRR Part 215

Prohibits open fires at industrial and commercial sites.

40 CFR Part 82, Subpart F

Requires affected permittees to comply with the recycling and emissions reduction standards specified by this rule when using ozone depleting substances identified under Title VI of the Act. Specifically, these regulations apply to the following

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persons or activities:

- a. Persons opening appliances for maintenance, service, repair, or disposal
- b. Equipment used during the maintenance, service, repair, or disposal of appliances
- c. Persons performing maintenance, service, repair, or disposal of appliances
- d. Persons disposing of small appliances, motor vehicle air conditioners or MVAC's, and MVAC-like appliances
- e. Persons owning commercial or industrial process refrigeration equipment
- f. Owners/operators of appliances normally containing 50 or more pounds.

If applicable, the above persons or activities may be required to comply with certain disposal, recycling, or recovery practices, leak repair practices, recordkeeping and/or technician certification requirements.

Facility Specific Requirements

In addition to Title V, WYETH-AYERST/LEDERLE LABORATORIES has been determined to be subject to the following regulations:

40CFR 52-A.21

This citation applies to facilities that are subject to Prevention of Significant Deterioration provisions; ie: facilities that are located in an attainment area and that emit pollutants which are listed in 40 CFR 52.21(b)(23)(i) .

40CFR 60-A.4

This condition lists the USEPA Region 2 address for the submittal of all communications to the "Administrator". In addition, all such communications must be copied to NYSDEC Bureau of Enforcement and Compliance Assurance.

40CFR 60-A.7 (c)

This requirement details the information to be submitted in excess emissions and monitoring systems performance reports which must be submitted at least semi-annually for sources with compliance monitoring systems.

40CFR 60-Dc.42c (d)

This regulation requires that on or after the date on which the initial performance test is completed or required to be completed under section 60.8 of 40 CFR 60 Subpart A, no owner or operator of an affected facility that combusts oil, shall combust oil with a sulfur content in excess of 0.5 percent by weight.

40CFR 60-GG.333 (b)

This regulation limits the amount of sulfur in the fuel burned in a gas turbine to 0.8% by weight

40CFR 60-GG.334 (a)

This regulation requires the owner or operator of any stationary gas turbine subject to the provisions of 40CFR60 Subpart GG that is using water injection to control NOx emissions to install and operate a continuous monitoring system to monitor and record fuel consumption and the ratio of water to fuel fired

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in the turbine

40CFR 60-GG.334 (b)

This regulation requires the owner/operator of the gas turbine to monitor (measure) the sulfur and nitrogen content of the fuel being fired in the turbine.

40CFR 60-Kb.116b (a)

This is the records retention requirement for all records required by this section.

40CFR 60-Kb.116b (b)

Owners or operators of affected storage tanks with capacities greater than or equal to 10,000 gallons must keep records of the tanks dimensions and an analysis of its capacity for the life of the tank. If the tank's capacity is less than 20,000 gallons, then it is subject to no other provisions of this subpart.

40CFR 63-GGG.1252

Pharmaceutical MACT Standards: General.

Each owner or operator of any affected source subject to the provisions of this subpart shall control HAP emissions to the level specified

40CFR 63-O.360 (b)

Ethylene Oxide sterilization MACT Applicability.

All sterilization sources using 1 ton in sterilization or fumigation operations are subject to the emissions standards

6NYCRR 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, startup, shutdown, malfunction or upset in the event that these are unavoidable.

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 201-6.5 (f)

This regulation defines in general terms under what circumstances changes would be allowed without a permit modification provided the permit contains sufficient operational flexibility provisions.

6NYCRR 212.4 (c)

This rule requires existing sources (in operation after July 1, 1973) of solid particulates with environmental rating of B or C which are not subject to Table 5 "Processes for which Permissible Emission Rate is Based on Process Weight, to be limited to an particulate emission rate not to exceed 0.05 grains per dry standard cubic foot.

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6NYCRR 212 .6 (a)

This rule specifies an opacity limitation of less than 20% for any six consecutive minute period for all process emission sources.

6NYCRR 225-1.2 (a) (2)

This regulation prohibits any person from selling, offering for sale, purchasing or using any fuel which contains sulfur in a quantity exceeding the limitations set forth in Table 1, Table 2, or Table 3 of this section.

6NYCRR 226 .2

This reference provides the general requirements that owners and operators of solvent metal cleaning machines must comply with in addition to the other applicable requirements in this part. The general requirements include the proper storage, transfer, and disposal of solvents, the integrity of the equipment must be maintained, a summary of the operating procedures must be displayed, covers are to be closed when a degreaser is not used, and a record of solvent consumption must be maintained for one year.

6NYCRR 226 .3 (a)

This reference requires cold cleaning degreasers to have a cover, internal drainage system and a control system to limit VOC emissions from the unit unless the solvent being used has a low vapor pressure or the solvent is not heated above a specific temperature. A water blanket that lays on top of the solvent in the degreaser or a unit that is designed so that the height of the unit is much greater than the width of the opening, which will minimize VOC emissions, are considered acceptable methods of controlling VOC emissions.

6NYCRR 226 .4 (a)

This reference requires cold cleaning degreasers to have a system in place which allows the solvent on cleaned parts to drain for at least 15 seconds, or until dripping ceases, prior to removing the parts from the unit. This operating requirement will reduce the amount of VOCs that are carried out of the unit.

6NYCRR 227-1.3 (a)

This regulation prohibits any person from operating a stationary combustion installation which emits smoke equal to or greater than 20% opacity except for one six-minute period per hour of not more than 27% opacity.

6NYCRR 227-2.4 (b)

This paragraph provides a table for gas only, gas and/or oil firing capable, pulverized coal, and overfeed stoker emission limits. Compliance is determined by a stack test.

6NYCRR 231-2.2

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.

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The purpose of Section 231-2.2 is to define what new or modified facilities are subject to the requirements set forth in the other sections of the rule. In addition, certain exemptions to the rule are also defined in this section.

6NYCRR 231-2.2 (b)

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.

The purpose of Section 231-2.2 is to define what new or modified facilities are subject to the requirements set forth in the other sections of the rule. Under subsection (b) of the section, facilities located in the severe ozone non-attainment area have an option regarding the level of pollution controls provided that certain requirements are met.

6NYCRR 231-2.5

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.

Emission controls equivalent to the lowest achievable emission rate (LAER) must be implemented for each contaminant for which Subpart 231-2 is applicable for a given source project or new major facility. LAER is defined as the most stringent emission limitation achieved in practice or which can be expected to be achieved in practice for a category of emission sources taking into consideration each air contaminant which must be controlled (6 NYCRR 200.1(ak)).

6NYCRR 233.3 (b) (1)

Air dryer and production equipment exhaust system requirements.

for air dryers and production equipment exhaust systems with an emission rate potential of volatile organic compounds of 330 pounds per day or more, 90 percent control is required

6NYCRR 233.3 (b) (2)

Air dryer and production equipment exhaust system requirements.

for air dryers and production equipment exhaust system with an emission rate potential of volatile organic compounds of less than 330 pounds per day, an emission reduction to 33 pounds per day is required.

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6NYCRR 233 .3 (f)

This condition reduces the emissions of volatile organic compounds (VOC's) by requiring that all in-process tanks containing VOC's have covers on the openings except when an operator needs to access the inside of them.

6NYCRR 233 .3 (g)

This condition reduces the emissions of volatile organic compounds (VOC's) by requiring the facility to repair all liquid leaks containing VOC's no later than 15 days after discovering the leak. The facility is allowed to wait until the process is shut down if it is impossible to fix it otherwise.

6NYCRR 233 .5

This section lists the records that a facility subject to the Pharmaceutical and Cosmetic Manufacturing Processes rule (6NYCRR, Part 233) must keep in order to prove that the rule is continuously being complied with. These records include the vapor pressures of the volatile organic compounds used in the process(es), certain parameters of any control device employed to reduce VOC emissions, and information regarding any leaks that were found in any of the process equipment. All records must be kept for at least five years.

Compliance Certification

Summary of monitoring activities at WYETH-AYERST/LEDERLE LABORATORIES:

Location Facility/EU/EP/Process/ES	Type of Monitoring	Cond No.
F-00002	intermittent emission testing	56
F-00002	intermittent emission testing	57
F-00002/-/C01	continuous emission monitoring (cem)	64
F-00002/-/C01	intermittent emission testing	65
F-00002/-/C02	continuous emission monitoring (cem)	66
F-00002/-/C02	intermittent emission testing	67
F-00002/-/C03	continuous emission monitoring (cem)	68
F-00002/-/C03	intermittent emission testing	69
F-00002/-/C04	continuous emission monitoring (cem)	70
F-00002/-/C04	intermittent emission testing	71
F-00002	record keeping/maintenance procedures	58
F-00002	work practice involving specific operations	59
F-00002	monitoring of process or control device parameters as surrogate	60
F-00002	continuous emission monitoring (cem)	61
F-00002	record keeping/maintenance procedures	62
F-00002	record keeping/maintenance procedures	63
C-OMINO/-/006	record keeping/maintenance procedures	44
C-OMINO/-/006	record keeping/maintenance procedures	45
F-00003/-/W02	record keeping/maintenance procedures	74
FACILITY	record keeping/maintenance procedures	37
R-00001/-/S01	record keeping/maintenance procedures	88
FACILITY	record keeping/maintenance procedures	24
FACILITY	record keeping/maintenance procedures	25
FACILITY	record keeping/maintenance procedures	26
FACILITY	record keeping/maintenance procedures	28
P-00001	intermittent emission testing	77
P-00002	intermittent emission testing	82
R-00002/-/LAB	intermittent emission testing	89
W-00002	intermittent emission testing	101
P-00001	monitoring of process or control device parameters as surrogate	78

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P-00002	monitoring of process or control device	83
	parameters as surrogate	
R-00002/-/LAB	monitoring of process or control device	90
	parameters as surrogate	
W-00002	monitoring of process or control device	102
	parameters as surrogate	
FACILITY	work practice involving specific	32
	operations	
FACILITY	record keeping/maintenance procedures	34
FACILITY	record keeping/maintenance procedures	35
F-00001	intermittent emission testing	46
F-00002	monitoring of process or control device	50
	parameters as surrogate	
F-00002/00101	intermittent emission testing	72
F-00002/00102	intermittent emission testing	73
F-00003/-/W03	monitoring of process or control device	75
	parameters as surrogate	
F-00001/-/B01/F0010	intermittent emission testing	47
F-00001/-/B01/F0028	intermittent emission testing	48
F-00001/-/B01/F0029	intermittent emission testing	49
R-00003/-/R01	record keeping/maintenance procedures	99
R-00003/-/R01	record keeping/maintenance procedures	100
F-00002	monitoring of process or control device	51
	parameters as surrogate	
F-00002	work practice involving specific	52
	operations	
F-00002	work practice involving specific	53
	operations	
F-00002	monitoring of process or control device	54
	parameters as surrogate	
F-00003/-/W03	work practice involving specific	76
	operations	
F-00002	continuous emission monitoring (cem)	55
P-00001/-/46A	monitoring of process or control device	80
	parameters as surrogate	
P-00001/-/46A	record keeping/maintenance procedures	81

Basis for Monitoring

Requirements of the regulations.