



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 4-1228-00027/00015

Renewal Number: 3

05/24/2016

Facility Identification Data

Name: FRIESLAND CAMPINA DOMO

Address: 40196 ST HWY 10

DELHI, NY 13753

Owner/Firm

Name: FRIESLANDCAMPINA USA LP

Address: 40196 ST RTE 10

DELHI, NY 13753, USA

Owner Classification: Corporation/Partnership

Permit Contacts

Division of Environmental Permits:

Name: MARTHA A BELLINGER

Address: NYSDEC - STAMFORD SUBOFFICE

65561 ST RTE 10 STE 1

STAMFORD, NY 12167

Phone:6076527741

Division of Air Resources:

Name: MARK LANZAFAME

Address: NYSDEC - HEADQUARTERS

625 BROADWAY

ALBANY, NY 12233-3254

Phone:5184028403

Air Permitting Contact:

Name: THOMAS SLAWSKY

Address: FRIESLAND CAMPINA USA LP

40196 ST HWY 10

DELHI, NY 13753

Phone:6077460222

Permit Description

Introduction

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

Summary Description of Proposed Project

This project consists of the renewal of the Title V facility permit for Friesland Campina DOMO. This renewal application also includes the addition of several new emission sources related to a project that will



New York State Department of Environmental Conservation

Permit Review Report

Permit ID: 4-1228-00027/00015

Renewal Number: 3

05/24/2016

expand the facility's production capacity. New emission sources include a wet blender, six new digesters and a new filterpress area. In addition, the facility will also install a new venturi scrubber as an emissions control device. Finally, emission unit 1-PUMPS has been removed from the facility as a result of this project.

Attainment Status

FRIESLAND CAMPINA DOMO is located in the town of DELHI in the county of DELAWARE. The attainment status for this location is provided below. (Areas classified as attainment are those that meet all ambient air quality standards for a designated criteria air pollutant.)

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

* Ozone is regulated in terms of the emissions of volatile organic compounds (VOC) and/or oxides of nitrogen (NOx) which are ozone precursors.

** NOx has a separate ambient air quality standard in addition to being an ozone precursor.

Facility Description:

Friesland Campina DOMO manufactures hydrolyzed proteins used for food and medical purposes. Significant air emission sources at the facility include: one 16.7 MMBtu/hr boiler, one 29.3 MMBtu/hr boiler, one spray tower dryer, one "V-bottom" dryer, and several process reactors and digesters. In addition to these sources, Friesland Campina DOMO has various operations that are considered to be exempt under 6 NYCRR Subpart 201-3.

Permit Structure and Description of Operations

The Title V permit for FRIESLAND CAMPINA DOMO

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



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 4-1228-00027/00015

Renewal Number: 3

05/24/2016

pollutants from an activity (i.e., process). Emission sources are categorized by the following types:

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

FRIESLAND CAMPINA DOMO is defined by the following emission unit(s):

Emission unit 1BLEND - This emission unit consists of three powdered protein wet blend mix stations and a clean out of place (COP) station.

Emission unit 1BLEND is associated with the following emission points (EP):

10046

Process: 005 is located at GROUND FLOOR, Building 1 - This process consists of three covered mix tanks where powdered raw material is added to water. Emissions are exhausted through Emission Point 10046.

Process: 006 is located at GROUND FLOOR, Building 1 - This process consists of a heated water bath (COP station) that uses acids and caustics in the cleaning process. Emissions are exhausted through Emission Point 10046.

Emission unit 1BOILR - This emission unit consists of two boilers used to provide building heat and process steam. The boilers burn natural gas and No. 2 fuel oil during periods of natural gas curtailment. Boilers No. 1 and No. 2 vent to a common exhaust.

Emission unit 1BOILR is associated with the following emission points (EP):

10001

Process: GAS is located at Ground Floor, Building 1 - This process consists of boiler No. 1 and No. 2 firing natural gas.

Process: OIL is located at Ground Floor, Building 1 - This process consists of boiler No. 1 and No. 2 firing No. 2 fuel oil during periods of natural gas curtailment.

Emission unit 1TANKS - This emission unit consists of digesters, mix vessels, a glass lined reactor, carbon filterpress loading, a clean in place (CIP) system, and process holding tanks that are exhausted to a venturi scrubber and a wet scrubber in series. In addition, it includes diatomaceous earth filterpress loading with a dedicated fabric filter.

Emission unit 1TANKS is associated with the following emission points (EP):

10006, 10094

Process: 007 is located at GROUND FLOOR, Building 1 - This process consists of digesters, mix vessels, a glass lined reactor, carbon filterpress loading, a clean in place (CIP) system, and process holding tanks that are exhausted to a venturi scrubber and a wet scrubber in series. In addition, it includes diatomaceous earth filterpress loading with a dedicated fabric filter.



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 4-1228-00027/00015

Renewal Number: 3

05/24/2016

Emission unit 1ENZYM - This emission unit consists of all enzyme processing operations (“weigh out” and loading operations), a finished product dry blender and associated packaging operations, and packaging operations associated with the V-bottom dryer.

Emission unit 1ENZYM is associated with the following emission points (EP):

10093

Process: 012 is located at Building 1 - This process consists of an enzyme weigh out and loading process that is exhausted to a wet scrubber. Emissions are exhausted through Emission Point 10093.

Process: 013 is located at Building 1 - This process includes one covered mix tank where dry finished products are mixed (no water addition) and finished product packaging operations. In addition, it includes packaging operations associated with the V-bottom dryer. Emissions exhaust through a wet scrubber and Emission Point 10093.

Emission unit 1DRYER - This emission unit consists of a spray tower dryer, V-Bottom dryer, and packaging operations associated with the spray tower dryer. The dryers are used to dry protein powders.

Emission unit 1DRYER is associated with the following emission points (EP):

10003, 10004, 10095

Process: 003 is located at GROUND FLOOR, Building 1 - This process consists of a steam heated vertical spray tower dryer used to dry hydrolyzed protein powder (product). Four main cyclones are used to capture product for bagging and one dedicated wet scrubber is used for emissions control. Packaging operations utilize a dedicated fabric filter for emissions control. Emissions are exhausted through Emission Points 10003 and 10095.

Process: 004 is located at GROUND FLOOR, Building 1 - This process consists of a liquid propane gas fired (direct fired) horizontal dryer used to dry hydrolyzed protein powder (product). Four main cyclones are used to capture product for bagging and one dedicated fabric filter is used for emissions control. Emissions are exhausted through Emission Point 10004.

Title V/Major Source Status

FRIESLAND CAMPINA DOMO is subject to Title V requirements. This determination is based on the following information:

Friesland Campina DOMO has the potential to emit toluene and total hazardous air pollutants in excess of the major facility threshold for those contaminants (10 and 25 tons per year, respectively). As a result, this facility is considered to be a major source and is therefore subject to the Title V permitting program.

Program Applicability

The following chart summarizes the applicability of FRIESLAND CAMPINA DOMO with regards to the principal air pollution regulatory programs:

Regulatory Program	Applicability
<hr/>	



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 4-1228-00027/00015

Renewal Number: 3

05/24/2016

PSD	NO
NSR (non-attainment)	NO
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	NO
SIP	YES

NOTES:

PSD Prevention of Significant Deterioration (40 CFR 52, 6 NYCRR 231-7, 231-8) - 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 231-5, 231-6) - 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, 6 NYCRR 200.10) - contaminant and source specific emission standards established prior to the Clean Air Act Amendments of 1990 (CAAA) which were developed for 9 air contaminants (inorganic arsenic, radon, benzene, vinyl chloride, asbestos, mercury, beryllium, radionuclides, and volatile HAP's).

MACT Maximum Achievable Control Technology (40 CFR 63, 6 NYCRR 200.10) - 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, 6 NYCRR 200.10) - 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, 6 NYCRR 201-6) - regulations which mandate the implementation of the acid rain control program for large stationary combustion facilities.

Title VI Stratospheric Ozone Protection (40 CFR 82, Subpart A thru G, 6 NYCRR 200.10) - 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,



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 4-1228-00027/00015

Renewal Number: 3

05/24/2016

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, 6 NYCRR 200.10) - as per the CAAA, all states are empowered and required to devise the specific combination of controls that, when implemented, will bring about attainment of ambient air quality standards established by the federal government and the individual state. This specific combination of measures is referred to as the SIP. The term here refers to those state regulations that are approved to be included in the SIP and thus are considered federally enforceable.

Compliance Status

Facility is in compliance with all requirements.

SIC Codes

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

SIC Code

Description

2023

CONDENSED AND EVAPORATED MILK

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

1-02-005-01

EXTERNAL COMBUSTION BOILERS - INDUSTRIAL
INDUSTRIAL BOILER - DISTILLATE OIL
Grades 1 and 2 Oil

1-02-006-02

EXTERNAL COMBUSTION BOILERS - INDUSTRIAL
INDUSTRIAL BOILER - NATURAL GAS
10-100 MMBtu/Hr

3-99-999-94

MISCELLANEOUS MANUFACTURING INDUSTRIES
MISCELLANEOUS INDUSTRIAL PROCESSES
Other Not Classified

Facility Emissions Summary

In the following table, the CAS No. or Chemical Abstract Service 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

New York State Department of Environmental Conservation
Permit Review Report



Permit ID: 4-1228-00027/00015

Renewal Number: 3

05/24/2016

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 of 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
000064-19-7	ACETIC ACID		> 0 but < 2.5 tpy
007440-38-2	ARSENIC		> 0 but < 10 tpy
000071-43-2	BENZENE		> 0 but < 10 tpy
007440-41-7	BERYLLIUM		> 0 but < 10 tpy
007440-43-9	CADMIUM		> 0 but < 10 tpy
0NY750-00-0	CARBON DIOXIDE EQUIVALENTS		>= 250 tpy but < 75,000 tpy
000630-08-0	CARBON MONOXIDE		>= 10 tpy but < 25 tpy
007440-47-3	CHROMIUM		> 0 but < 10 tpy
007440-48-4	COBALT		> 0 but < 10 tpy
000079-21-0	ETHANEPEROXOIC ACID (METHYL ESTER)		> 0 but < 2.5 tpy
000050-00-0	FORMALDEHYDE		> 0 but < 10 tpy
007647-01-0	HYDROGEN CHLORIDE		> 0 but < 10 tpy
007722-84-1	HYDROGEN PEROXIDE		> 0 but < 2.5 tpy
007439-92-1	LEAD		> 0 but < 10 tpy
007439-96-5	MANGANESE		> 0 but < 10 tpy
007439-97-6	MERCURY		> 0 but < 10 tpy
000091-20-3	NAPHTHALENE		> 0 but < 10 tpy
007440-02-0	NICKEL METAL AND INSOLUBLE COMPOUNDS		> 0 but < 10 tpy
007697-37-2	NITRIC ACID		> 0 but < 2.5 tpy
0NY210-00-0	OXIDES OF NITROGEN		>= 25 tpy but < 40 tpy
0NY075-00-0	PARTICULATES		>= 10 tpy but < 25 tpy
0NY075-02-5	PM 2.5		>= 10 tpy but < 25 tpy
0NY075-00-5	PM-10		>= 10 tpy but < 25 tpy
130498-29-2	POLYCYCLIC AROMATIC HYDROCARBONS		> 0 but < 10 tpy
001310-58-3	POTASSIUM HYDROXIDE		> 0 but < 2.5 tpy
000497-19-8	SODIUM CARBONATE		> 0 but < 2.5 tpy
001310-73-2	SODIUM HYDROXIDE		> 0 but < 2.5 tpy
009014-01-1	SUBTILISIN		> 0 but < 2.5 tpy
007446-09-5	SULFUR DIOXIDE		> 0 but < 2.5 tpy
007664-93-9	SULFURIC ACID		> 0 but < 2.5 tpy
000108-88-3	TOLUENE		>= 10 tpy
0NY100-00-0	TOTAL HAP		>= 40 tpy but < 50 tpy
0NY998-00-0	VOC		>= 25 tpy but < 40 tpy



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 4-1228-00027/00015

Renewal Number: 3

05/24/2016

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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 Title V Facilities - 6 NYCRR 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 6 NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.

Item C: Timely Application for the Renewal of Title V Permits -6 NYCRR Part 201-6.2(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 D: Certification by a Responsible Official - 6 NYCRR Part 201-6.2(d)(12)

Any application, form, report or compliance certification required to be submitted pursuant



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 4-1228-00027/00015

Renewal Number: 3

05/24/2016

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 E: Requirement to Comply With All Conditions - 6 NYCRR Part 201-6.4(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 F: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR Part 201-6.4(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 G: Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR 201-6.4(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 H: Property Rights - 6 NYCRR 201-6.4(a)(6)

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

Item I: Severability - 6 NYCRR Part 201-6.4(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 J: Permit Shield - 6 NYCRR Part 201-6.4(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



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 4-1228-00027/00015

Renewal Number: 3

05/24/2016

such pollution;

- ii. The liability of a permittee of the Title V facility for any violation of applicable requirements prior to or at the time of permit issuance;
- iii. The applicable requirements of Title IV of the Act;
- iv. The ability of the Department or the Administrator to obtain information from the permittee concerning the ability to enter, inspect and monitor the facility.

Item K: Reopening for Cause - 6 NYCRR Part 201-6.4(i)

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

- i. If additional applicable requirements under the Act become applicable where this permit's remaining term is three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the Department pursuant to the provisions of Part 201-6.7 and Part 621.
- ii. The Department or the Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.
- iii. The Department or the Administrator determines that the Title V permit must be revised or reopened to assure compliance with applicable requirements.
- iv. If the permitted facility is an "affected source" subject to the requirements of Title IV of the Act, and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.

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

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

Item L: 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



New York State Department of Environmental Conservation

Permit Review Report

Permit ID: 4-1228-00027/00015

Renewal Number: 3

05/24/2016

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 M: Federally Enforceable Requirements - 40 CFR 70.6(b)

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

**Item A: General Provisions for State Enforceable Permit Terms and Condition - 6
NYCRR Part 201-5**

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

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

Regulatory Analysis

Location Facility/EU/EP/Process/ES	Regulation	Condition	Short Description
FACILITY	ECL 19-0301	52	Powers and Duties of the Department with respect to air pollution control
1-BOILR/-/OIL/BOIL2	40CFR 60-A	42	General provisions
1-BOILR/-/OIL/BOIL2	40CFR 60-Dc.42c(i)	43	Standard for Sulfur Dioxide Period of Requirements.
1-BOILR/-/OIL/BOIL2	40CFR 60-Dc.48c(d)	44	Reporting and Recordkeeping Requirements.
1-BOILR/-/OIL/BOIL2	40CFR 60-Dc.48c(f)(1)	45	Reporting and Recordkeeping Requirements (distillate oil).
1-BOILR/-/OIL/BOIL2	40CFR 60-Dc.48c(g)(2)	46	Alternative recordkeeping
1-BOILR/-/OIL/BOIL2	40CFR 60-Dc.48c(g)(3)	47	Reporting and Recordkeeping Requirements.



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 4-1228-00027/00015

Renewal Number: 3

05/24/2016

1-BOILR/-/OIL/BOIL2	40CFR 60-Dc.48c(i)	48	Reporting and Recordkeeping Requirements.
1-BOILR	40CFR 63- DDDDD.7510(e)	31	ICI Boiler Major Source NESHAP - Initial Compliance Date for Existing Sources
1-BOILR	40CFR 63-DDDDD.7530	32	Boiler MACT - Initial Compliance Demonstration
1-BOILR	40CFR 63- DDDDD.7540(a)	33	ICI Boiler Major Source NESHAP - Continuous Compliance
1-BOILR	40CFR 63- DDDDD.7545(a)	34	ICI Boiler Major Source NESHAP - Notifications
1-BOILR	40CFR 63- DDDDD.7545(f)	35	ICI Boiler Major Source NESHAP - Use of Alternative Fuel Notification
1-BOILR	40CFR 63- DDDDD.7545(h)	36	ICI Boiler Major Source NESHAP - Fuel Switching Notification
1-BOILR	40CFR 63- DDDDD.7550(b)	37	ICI Boiler Major Source NESHAP - Reporting Requirements
1-BOILR	40CFR 63- DDDDD.7555(a)	38	ICI Boiler Major Source NESHAP - Recordkeeping
1-BOILR	40CFR 63- DDDDD.7555(h)	39	ICI Boiler Major Source NESHAP - Alternative Fuel Recordkeeping
1-BOILR	40CFR 63- DDDDD.7555(i)	40	ICI Boiler Major Source NESHAP - Startup and Shutdown Records
FACILITY	40CFR 68	19	Chemical accident prevention provisions
FACILITY	40CFR 82-F	20	Protection of Stratospheric Ozone - recycling and emissions reduction
FACILITY	6NYCRR 200.6	1	Acceptable ambient air quality.
FACILITY	6NYCRR 200.7	10	Maintenance of equipment.
FACILITY	6NYCRR 201-1.4	53	Unavoidable noncompliance and violations
FACILITY	6NYCRR 201-1.7	11	Recycling and Salvage
FACILITY	6NYCRR 201-1.8	12	Prohibition of reintroduction of collected contaminants to the air
FACILITY	6NYCRR 201-3.2(a)	13	Exempt Activities - Proof of eligibility
FACILITY	6NYCRR 201-3.3(a)	14	Trivial Activities - proof of eligibility
FACILITY	6NYCRR 201-6	21, 28, 29	Title V Permits and



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 4-1228-00027/00015

Renewal Number: 3

05/24/2016

FACILITY	6NYCRR 201-6.4(a)(4)	15	the Associated Permit Conditions
FACILITY	6NYCRR 201-6.4(a)(7)	2	General Conditions - Requirement to Provide Information
FACILITY	6NYCRR 201-6.4(a)(8)	16	General Conditions - Fees
FACILITY	6NYCRR 201-6.4(c)	3	General Conditions - Right to Inspect
FACILITY	6NYCRR 201-6.4(c)(2)	4	Recordkeeping and Reporting of Compliance Monitoring
FACILITY	6NYCRR 201-6.4(c)(3)(ii)	5	Records of Monitoring, Sampling and Measurement
FACILITY	6NYCRR 201-6.4(d)(4)	22	Reporting Requirements - Deviations and Noncompliance
FACILITY	6NYCRR 201-6.4(e)	6	Compliance Schedules - Progress Reports
FACILITY	6NYCRR 201-6.4(f)(6)	17	Compliance Certification
FACILITY	6NYCRR 202-1.1	18	Off Permit Changes
FACILITY	6NYCRR 202-2.1	7	Required emissions tests.
FACILITY	6NYCRR 202-2.5	8	Emission Statements - Applicability
FACILITY	6NYCRR 211.1	23	Emission Statements - record keeping requirements.
FACILITY	6NYCRR 211.2	54	General Prohibitions - air pollution prohibited
FACILITY	6NYCRR 212-1.6(a)	24	General Prohibitions - visible emissions limited.
1-ENZYM/-/012/ESCRB	6NYCRR 212-2.3(b)	55	Limiting of Opacity
1-DRYER/10003/003	6NYCRR 212-2.4(b)	49	Non-Criteria air contaminants subject Table 4
1-DRYER/10004/004	6NYCRR 212-2.4(b)	50	Control of Particulate from New and Modified Process Emission Sources
1-TANKS/10006/007	6NYCRR 212-2.4(b)	51	Control of Particulate from New and Modified Process Emission Sources
FACILITY	6NYCRR 215.2	9	Control of Particulate from New and Modified Process Emission Sources
FACILITY	6NYCRR 225-1.2(g)	25	Open Fires - Prohibitions
FACILITY	6NYCRR 225-1.2(h)	26	Sulfur-in-Fuel Limitations
FACILITY	6NYCRR 225-1.6(f)	27	Sulfur-in-Fuel Limitations
1-BOILR/-/OIL	6NYCRR 227.2(b)(1)	41	Excess Emission Reports
1-BOILR	6NYCRR 227-1.3(a)	30	Particulate emissions.
			Smoke Emission



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 4-1228-00027/00015

Renewal Number: 3

05/24/2016

Limitations.

Applicability Discussion:

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

ECL 19-0301

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

6 NYCRR 200.6

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

6 NYCRR 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

6 NYCRR 201-1.4

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

6 NYCRR 201-1.7

Requires the recycle and salvage of collected air contaminants where practical

6 NYCRR 201-1.8

Prohibits the reintroduction of collected air contaminants to the outside air

6 NYCRR 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.

6 NYCRR 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.

6 NYCRR Subpart 201-6

This regulation applies to those terms and conditions which are subject to Title V permitting. It establishes the applicability criteria for Title V permits, the information to be included in all Title V permit applications as well as the permit content and terms of permit issuance. This rule also specifies the compliance, monitoring, recordkeeping, reporting, fee, and procedural requirements that need to be met to obtain a Title



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 4-1228-00027/00015

Renewal Number: 3

05/24/2016

V permit, modify the permit and demonstrate conformity with applicable requirements as listed in the Title V permit. For permitting purposes, this rule specifies the need to identify and describe all emission units, processes and products in the permit application as well as providing the Department the authority to include this and any other information that it deems necessary to determine the compliance status of the facility.

6 NYCRR 201-6.4 (a) (4)

This mandatory requirement applies to all Title V facilities. It requires the permittee to provide information that the Department may request in writing, within a reasonable time, in order to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. The request may include copies of records required to be kept by the permit.

6 NYCRR 201-6.4 (a) (7)

This is a mandatory condition that requires the owner or operator of a facility subject to Title V requirements to pay all applicable fees associated with the emissions from their facility.

6 NYCRR 201-6.4 (a) (8)

This is a mandatory condition for all facilities subject to Title V requirements. It allows the Department to inspect the facility to determine compliance with this permit, including copying records, sampling and monitoring, as necessary.

6 NYCRR 201-6.4 (c)

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

6 NYCRR 201-6.4 (c) (2)

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

6 NYCRR 201-6.4 (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.

6 NYCRR 201-6.4 (d) (5)

This condition applies to every Title V facility subject to a compliance schedule. It requires that reports, detailing the status of progress on achieving compliance with emission standards, be submitted semiannually.

6 NYCRR 201-6.4 (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.



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 4-1228-00027/00015

Renewal Number: 3

05/24/2016

6 NYCRR 201-6.4 (f) (6)

This condition allows changes to be made at the facility, without modifying the permit, provided the changes do not cause an emission limit contained in this permit to be exceeded. The owner or operator of the facility must notify the Department of the change. It is applicable to all Title V permits which may be subject to an off permit change.

6 NYCRR 202-1.1

This regulation allows the department the discretion to require an emission test for the purpose of determining compliance. Furthermore, the cost of the test, including the preparation of the report are to be borne by the owner/operator of the source.

6 NYCRR 202-2.1

Requires that emission statements shall be submitted on or before April 15th each year for emissions of the previous calENDar year.

6 NYCRR 202-2.5

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

6 NYCRR 211.2

This regulation limits opacity from sources to less than or equal to 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

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.

40 CFR Part 68

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

40 CFR Part 82, Subpart F

Subpart F requires the reduction of emissions of class I and class II refrigerants to the lowest achievable level during the service, maintenance, repair, and disposal of appliances in accordance with section 608 of the Clean Air Act AmENDments of 1990. This subpart applies to any person servicing, maintaining, or repairing appliances except for motor vehicle air conditioners. It also applies to persons disposing of appliances, including motor vehicle air conditioners, refrigerant reclaimers, appliance owners, and manufacturers of appliances and recycling and recovery equipment. Those individuals, operations, or activities affected by this rule, may be required to comply with specified disposal, recycling, or recovery practices, leak repair practices, recordkeeping and/or technician certification requirements.

Facility Specific Requirements

In addition to Title V, FRIESLAND CAMPINA DOMO has been determined to be subject to the following regulations:

40 CFR 60.42c (i)

This regulation requires that the sulfur dioxide emission limits, percentage reductions, and fuel oil sulfur limitations apply at all times, including periods of startup, shutdown, and malfunction.



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 4-1228-00027/00015

Renewal Number: 3

05/24/2016

40 CFR 60.48c (d)

This regulation requires the owner or operator of the facility subject to the SO₂ emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.42c, to submit semi-annual reports to the EPA

40 CFR 60.48c (f) (1)

Fuel supplier certifications for distillate oil shall include the name of the oil supplier and a statement from the oil supplier that the oil complies with the specification under the definition of distillate oil in 40 CFR 60-Dc.41c

40 CFR 60.48c (g) (2)

This regulation allows the owner or operator of an affected facility that combusts only natural gas, wood, fuels using fuel certification in 40 CFR 60.48c(f) to demonstrate compliance with the SO₂ standard, fuels not subject to an emissions standard (excluding opacity), or a mixture of these fuels may elect to record and maintain records of the amount of each fuel combusted during each calendar month.

40 CFR 60.48c (g) (3)

This condition states the recordkeeping requirements for facilities only combusting fuels that do not have an emission standard in 40 CFR 60 Subpart Dc.

40 CFR 60.48c (i)

This regulation requires the source owner or operator to retain all records for a minimum of two years for compliance with the NSPS. This does not supercede any requirement that is more stringent, including the Title V requirement to maintain records for for a minimum of 5 years.

40 CFR 63.7510 (e)

This condition states that the owner or operator must demonstrate initial compliance with Subpart DDDDD no later than 180 days after the compliance date.

40 CFR 63.7530

This section outlines the requirements the facility owner or operator must meet in order to demonstrate initial compliance with the requirements of 40 CFR 63 Subpart DDDDD.

40 CFR 63.7540 (a)

This condition states how to demonstrate continuous compliance with emission limits, work practice standards, and operating limits.

40 CFR 63.7545 (a)



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 4-1228-00027/00015

Renewal Number: 3

05/24/2016

This section outlines the notification requirements for owners and operators of boilers and process heaters subject to the requirements of 40 CFR 63 Subpart DDDDD.

40 CFR 63.7545 (f)

This condition states the notification requirements for owners and operators that plan to switch from gas 1 category fuels to another fuel.

40 CFR 63.7545 (h)

This condition states the notification requirements for owners and operators intending to switch fuel subcategories.

40 CFR 63.7550 (b)

This condition states when reports must be submitted.

40 CFR 63.7555 (a)

This condition states what records must be kept.

40 CFR 63.7555 (h)

This condition states the recordkeeping requirements for alternative fuels burned at units designed to burn natural gas, refinery gas, or other gas 1 fuel.

40 CFR 63.7555 (i)

This condition states what records must be kept for startup and shutdown.

40 CFR Part 60, Subpart A

This regulation contains the General Provisions of 40 CFR 60. The facility owner is responsible for reviewing these general provisions in detail and complying with all applicable technical, administrative and reporting requirements.

6 NYCRR 211.1

This regulation requires that 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.



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 4-1228-00027/00015

Renewal Number: 3

05/24/2016

6 NYCRR 212-1.6 (a)

This regulation restricts the opacity of emissions from emission sources subject to Part 212 to less than 20 percent during any six-minute period, as determined by EPA Reference Test Method 9.

6 NYCRR 212-2.3 (b)

This section describes the degree of air cleaning required for non-criteria contaminants emitted from emission sources subject to Part 212.

6 NYCRR 212-2.4 (b)

This citation limits the particulate emissions from emission sources installed after July 1, 1973 to less than 0.50 grains per dry standard cubic foot of exhaust gas.

6 NYCRR 225-1.2 (g)

This section contains the sulfur-in-fuel limitations for the purchase of distillate oil on or after July 1, 2014.

6 NYCRR 225-1.2 (h)

Sulfur-in-fuel limitation for the firing of distillate oil on or after July 1, 2016.

6 NYCRR 225-1.6 (f)

This citation requires subject facilities to submit excess emissions reports to the Department.

6 NYCRR 227.2 (b) (1)

This regulation is from the 1972 version of Part 227 and still remains as part of New York's SIP. The rule establishes a particulate limit of 0.10 lbs/mmBtu based on a 2 hour average emission for any oil fired stationary combustion installation.

6 NYCRR 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.

Compliance Certification

Summary of monitoring activities at FRIESLAND CAMPINA DOMO:

Location	Cond No.	Type of Monitoring
Facility/EU/EP/Process/ES		



New York State Department of Environmental Conservation

Permit Review Report

Permit ID: 4-1228-00027/00015

Renewal Number: 3

05/24/2016

1-BOILR/-/OIL/BOIL2	44	record keeping/maintenance procedures
1-BOILR/-/OIL/BOIL2	45	record keeping/maintenance procedures
1-BOILR/-/OIL/BOIL2	48	record keeping/maintenance procedures
1-BOILR	31	record keeping/maintenance procedures
1-BOILR	32	record keeping/maintenance procedures
1-BOILR	33	record keeping/maintenance procedures
1-BOILR	34	record keeping/maintenance procedures
1-BOILR	35	record keeping/maintenance procedures
1-BOILR	36	record keeping/maintenance procedures
1-BOILR	37	record keeping/maintenance procedures
1-BOILR	38	record keeping/maintenance procedures
1-BOILR	39	record keeping/maintenance procedures
1-BOILR	40	record keeping/maintenance procedures
FACILITY	5	record keeping/maintenance procedures
FACILITY	6	record keeping/maintenance procedures
FACILITY	7	record keeping/maintenance procedures
FACILITY	24	monitoring of process or control device parameters as surrogate
1-ENZYM/-/012/ESCRB	55	monitoring of process or control device parameters as surrogate
1-DRYER/10003/003	49	monitoring of process or control device parameters as surrogate
1-DRYER/10004/004	50	monitoring of process or control device parameters as surrogate
1-TANKS/10006/007	51	monitoring of process or control device parameters as surrogate
FACILITY	25	work practice involving specific operations
FACILITY	26	work practice involving specific operations
FACILITY	27	record keeping/maintenance procedures
1-BOILR/-/OIL	41	intermittent emission testing
1-BOILR	30	monitoring of process or control device parameters as surrogate

Basis for Monitoring

Condition 24 – 6 NYCRR Part 212-1.6(a): This condition limits the average opacity of emissions from process emission sources subject to the requirements of Part 212 to less than 20 percent during each 6 minute period. The facility owner or operator shall conduct and record daily visible emissions observations to demonstrate compliance with this requirement.

Condition 25 – 6 NYCRR Part 225-1.2(g): This condition states that the owner or operator of a stationary combustion installation firing distillate oil shall not purchase oil that contains in excess of 0.0015 percent by weight sulfur on or after July 1, 2014. The facility owner or operator will demonstrate compliance with this requirement by maintaining records indicating the sulfur content of all distillate oil purchased.

Condition 26 – 6 NYCRR Part 225-1.2(h): This condition states that the owner or operator of a stationary combustion installation firing distillate oil shall not fire oil that contains in excess of 0.0015 percent by weight sulfur on or after July 1, 2016. The facility owner or operator will demonstrate compliance with this requirement by maintaining records indicating the sulfur content of all distillate oil fired.

Condition 27 – 6 NYCRR Part 225-1.6(f): This condition requires the owner or operator of a stationary combustion installation firing a fuel subject to the requirements of Part 225-1 to submit a written report of the sulfur content of any fuel fired that does not meet the applicable sulfur content limitations. Reports are to be submitted for each calendar quarter in which non-compliant fuel was fired.

Condition 30 – 6 NYCRR Part 227-1.3(a): This condition limits the average opacity of emissions from stationary combustion installations subject to the requirements of Part 227-1 to less than 20 percent during



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 4-1228-00027/00015

Renewal Number: 3

05/24/2016

each 6 minute period. The facility owner or operator shall conduct and record daily visible emissions observations to demonstrate compliance with this requirement.

Condition 31 – 40 CFR 63.7510(e): This section requires the owner or operator of an existing boiler or process heater subject to the requirements of 40 CFR 63 Subpart DDDDD to complete an initial compliance demonstration, initial tune-up, and a one-time energy assessment no later than January 31, 2016.

Condition 32 – 40 CFR 63.7530: This condition states the necessary requirements for demonstrating initial compliance with the requirements of 40 CFR 63 Subpart DDDDD.

Condition 33 – 40 CFR 63.7540(a): This condition requires that the owner or operator of a boiler or process heater subject to 40 CFR 63 Subpart DDDDD that is equipped with a continuous oxygen trim system conduct a tune-up of the boiler or process heater once every five years.

Condition 34 – 40 CFR 63.7545(a): This condition requires the owner or operator of a boiler or process heater subject to 40 CFR 63 Subpart DDDDD to submit the listed notifications by the dates specified in the referenced sections.

Condition 35 – 40 CFR 63.7545(f): This condition requires the owner or operator of a boiler or process heater that is designed to burn natural gas and that intends to fire an alternative fuel during periods of natural gas curtailment to submit a notification of alternative fuel use that contains all of the specified information to the Department within 48 hours of the declaration of each period of natural gas curtailment.

Condition 36 – 40 CFR 63.7545(h): This condition requires the owner or operator of a boiler or process heater subject to the requirements of 40 CFR 63 Subpart DDDDD to notify the Department of each fuel switch and/or physical change to the boiler that results in the applicability of a different Subpart DDDDD subcategory.

Condition 37 – 40 CFR 63.7550(b): This condition requires the owner or operator of a boiler or process heater subject to the requirements of 40 CFR 63 Subpart DDDDD to submit a five-year compliance report that contains the specified information.

Condition 38 – 40 CFR 63.7555(a): This condition describes the records that the owner or operator of a boiler or process heater subject to the requirements of 40 CFR 63 Subpart DDDDD must maintain.

Condition 39 – 40 CFR 63.7555(h): This condition requires the owner or operator of a boiler or process heater subject to the requirements of 40 CFR 63 Subpart DDDDD to maintain a record of the total hours per year that an alternative fuel is burned in each boiler or process heater at the facility and the total hours per year each boiler or process heater is operated during periods of natural gas curtailment or gas supply emergencies.

Condition 40 – 40 CFR 63.7555(i): This condition requires the owner or operator of a boiler or process heater subject to the requirements of 40 CFR 63 Subpart DDDDD to maintain a record of the date, time, and duration of each start-up and shutdown of the affected boiler or process heater. In addition, the facility owner or operator must maintain a record of the type and amount of each fuel burned during those periods.

Condition 41 – 6 NYCRR Part 227.2(b)(1): This condition restricts emissions of particulate matter from oil fired stationary combustion installations to less than 0.10 pounds per million Btu. The facility owner or operator is required to conduct a stack test upon request by the Department in order to demonstrate compliance with this requirement.



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 4-1228-00027/00015

Renewal Number: 3

05/24/2016

Condition 42 – 40 CFR 60 Subpart A: This condition states that the facility is subject to the applicable portions of the New Source Performance Standards (NSPS) General Provisions found in 40 CFR 60 Subpart A.

Condition 43 – 40 CFR 60.42c(i): This condition states that the applicable fuel oil sulfur content limitations, sulfur dioxide limits, and percentage reductions found in 40 CFR 60 Subpart Dc apply at all times, including periods of start-up, shutdown, and malfunction.

Condition 44 – 40 CFR 60.48c(d): This condition requires the owner or operator of a facility subject to the requirements of 40 CFR 60 Subpart Dc to submit semiannual compliance reports to the Department.

Condition 45 – 40 CFR 60.48c(f)(1): This condition describes the information that must be displayed on fuel supplier certifications used to demonstrate compliance with the fuel sulfur content limits in 40 CFR 60 Subpart Dc. In addition, it requires the responsible official to submit a statement with each semiannual compliance report indicating that the fuel supplier certification records maintained at the facility represent all of the fuel combusted at the facility during each semiannual compliance period.

Condition 46 – 40 CFR 60.48c(g)(2): This condition states that the owner or operator of a facility subject to the requirements of 40 CFR 60 Subpart Dc that combusts only natural gas, wood, fuels for which a fuel supplier certification is maintained, or fuels not subject to Subpart Dc may maintain a record of the total amount of each fuel combusted as an alternative to the requirements of 40 CFR 60.48c(g)(1).

Condition 47 – 40 CFR 60.48c(g)(3): This condition states that the owner or operator of a facility subject to the requirements of 40 CFR 60 Subpart Dc that combusts only natural gas, wood, fuels for which a fuel supplier certification is maintained, or fuels not subject to Subpart Dc may maintain a record of the total amount of each fuel delivered to the facility during each calendar month as an alternative to the requirements of 40 CFR 60.48c(g)(1).

Condition 48 – 40 CFR 60.48c(i): This condition states that records kept to demonstrate compliance with the requirements of 40 CFR 60 Subpart Dc must be maintained at the facility for a period of at least two years.

Condition 49 – 6 NYCRR Part 212-2.3(a): This condition requires the facility owner or operator to ensure that particulate matter emissions from the wet scrubber controlling Emission Point 10003 do not exceed 0.05 grains per dry standard cubic meter by monitoring the outlet water pressure of the wet scrubber on a daily basis.

Condition 50 – 6 NYCRR Part 212-2.3(a): This condition requires the facility owner or operator to ensure that particulate matter emissions from the fabric filter controlling Emission Point 10004 do not exceed 0.05 grains per dry standard cubic meter by monitoring the pressure drop across the fabric filter on a daily basis.

Condition 51 – 6 NYCRR Part 212-2.3(a): This condition requires the facility owner or operator to ensure that particulate matter emissions from the wet scrubber controlling Emission Point 10006 do not exceed 0.05 grains per dry standard cubic meter by monitoring the outlet water pressure of the wet scrubber on a daily basis.

Condition 55 – 6 NYCRR Part 212-2.3(b): This condition requires the facility owner or operator to ensure that subtilisin emissions from the enzyme weigh out process are being appropriately controlled. The facility owner or operator will monitor and record the outlet water pressure of the wet scrubber on a daily basis to demonstrate compliance with this requirement.



New York State Department of Environmental Conservation
Permit Review Report
Permit ID: 4-1228-00027/00015
Renewal Number: 3
05/24/2016