



Connecticut Department of  
**ENERGY &  
ENVIRONMENTAL  
PROTECTION**

**BUREAU OF AIR MANAGEMENT  
TITLE V OPERATING PERMIT**

Issued pursuant to Title 22a of the Connecticut General Statutes (CGS) and Section 22a-174-33 of the Regulations of Connecticut State Agencies (RCSA) and pursuant to the Code of Federal Regulations (CFR), Title 40, Part 70.

<b>Title V Permit Number</b>	<b>044-0202-TV</b>
<b>Client/Sequence/Town/Premises Numbers</b>	<b>06578/018/044/0039</b>
<b>Date Issued</b>	October 24, 2019
<b>Expiration Date</b>	October 24, 2024

**Corporation:**

*Tilcon Connecticut Inc.*

**Premises Location:**

*3 Plumtrees Road, Danbury, Connecticut 06811*

**Name of Responsible Official and Title:**

*Gary E. Wall, President*

All the following attached pages, 2 through 30, are hereby incorporated by reference into this Title V permit.

/s/Betsey C. Wingfield  
Betsey C. Wingfield  
Deputy Commissioner

10/24/2019  
Date

## TABLE OF CONTENTS

	PAGE
<b>List of Abbreviations/Acronyms</b> .....	4
<b>Section I. Premises Information/Description</b>	
A. Premises Information.....	5
B. Premises Description.....	5
<b>Section II. Emissions Units Information</b>	
A. Emissions Units Description - Table II.A.....	6
B. Operating Scenario Identification - Table II.B .....	7
<b>Section III. Applicable Requirements and Compliance Demonstration</b>	
A. Emissions Unit 1 .....	8
B. Grouped Emissions Unit 2 .....	14
C. Grouped Emissions Unit 3 .....	16
D. Premises-Wide General Requirements .....	20
<b>Section IV. Compliance Schedule - Table IV</b> .....	22
<b>Section V. State Enforceable Terms and Conditions</b> .....	23
<b>Section VI. Title V Requirements</b>	
A. Submittals to the Commissioner & Administrator.....	24
B. Certifications [RCSA §22a-174-33(b)].....	24
C. Signatory Responsibility [RCSA §22a-174-2a(a)] .....	24
D. Additional Information [RCSA §§22a-174-33(j)(1)(X), -33(h)(2)].....	25
E. Monitoring Reports [RCSA §22a-174-33(o)(1)] .....	25
F. Premises Records [RCSA §22a-174-33(o)(2)] .....	26
G. Progress Reports [RCSA §22a-174-33(q)(1)].....	26
H. Compliance Certifications [RCSA §22a-174-33(q)(2)].....	27
I. Permit Deviation Notifications [RCSA §22a-174-33(p)] .....	27
J. Permit Renewal [RCSA §22a-174-33(j)(1)(B)].....	27
K. Operate in Compliance [RCSA §22a-174-33(j)(1)(C)] .....	27
L. Compliance with Permit [RCSA §22a-174-33(j)(1)(G)] .....	27
M. Inspection to Determine Compliance [RCSA §22a-174-33(j)(1)(M)].....	28
N. Permit Availability.....	28
O. Severability Clause [RCSA §22a-174-33(j)(1)(R)] .....	28
P. Need to Halt or Reduce Activity [RCSA §22a-174-33(j)(1)(T)].....	28
Q. Permit Requirements [RCSA §22a-174-33(j)(1)(V)] .....	28
R. Property Rights [RCSA §22a-174-33(j)(1)(W)].....	28
S. Alternative Operating Scenario Records [RCSA §22a-174-33(o)(3)].....	28
T. Operational Flexibility and Off-Permit Changes [RCSA §22a-174-33(r)(2)] .....	29
U. Information for Notification [RCSA §22a-174-33(r)(2)(A)].....	29
V. Transfers [RCSA §22a-174-2a(g)] .....	29
W. Revocation [RCSA §22a-174-2a(h)] .....	29
X. Reopening for Cause [RCSA §22a-174-33(s)].....	30
Y. Credible Evidence.....	30

## **Title V Operating Permit**

**All conditions in Sections III, IV, and VI of this Title V permit are enforceable by both the Administrator and the commissioner unless otherwise specified. Applicable requirements and compliance demonstration are set forth in Section III of this Title V permit. The Administrator or any citizen of the United States may bring an action to enforce all permit terms or conditions or requirements contained in Sections III, IV, and VI of this Title V permit in accordance with the Clean Air Act, as amended.**

## LIST OF ABBREVIATIONS/ACRONYMS

<i>Abbreviation/Acronym</i>	<i>Description</i>
CFR	Code of Federal Regulations
CGS	Connecticut General Statutes
CO	Carbon Monoxide
CO <sub>2</sub>	Carbon Dioxide
dscf	Dry Standard Cubic Feet
EU	Emissions Unit
EPA	Environmental Protection Agency
GEU	Grouped Emissions Unit
hp	Horsepower
hr	Hour
in. H <sub>2</sub> O	Inches of Water
lb	Pound
MMBtu	Million British Thermal Units
MRC	Maximum Rated Capacity
NO <sub>x</sub>	Nitrogen Oxides
NSR	New Source Review
PAH	Polycyclic Aromatic Hydrocarbons
PM	Particulate Matter
PM <sub>10</sub>	Particulate Matter Less than 10 Microns
ppmvd	Parts Per Million, Volumetric Dry
RAP	Reclaimed Asphalt Product
RCSA	Regulations of Connecticut State Agencies
SIC	Standard Industrial Classification Code
SO <sub>x</sub>	Sulfur Oxides
TPH	Tons per Hour
tpy	Tons per Year
VOC	Volatile Organic Compound

## **Section I: Premises Information/Description**

### **A. PREMISES INFORMATION**

Nature of Business: Asphalt Production  
Primary SIC: 2951

Facility Mailing Address: 642 Black Rock Avenue, P.O. Box 1357, New Britain, CT 06050-1357  
Telephone Number: 860-224-6048

### **B. PREMISES DESCRIPTION**

The primary activity conducted by Tilcon Connecticut Inc (Tilcon) at the site consists of the production of asphalt products. The asphalt materials produced at the site are sold to independent contractors or used by Tilcon for off-site projects. In addition, the site has the capability of operating several pieces of portable equipment which are used throughout Tilcon's Connecticut sites subject to demand.

A 350 TPH Asphalt Batch Plant operates in accordance with Permit No. 044-0005 and is subject to 40 CFR Part 60 Subpart I – Standards of Performance for Hot Mix Asphalt Plants.

Portable equipment which may be on site include a Nordberg Model 300 Cone Crusher, a CDC Double Deck Vibrating Screening Plant and a Sandvik RAP Crusher. The three portable units operate in accordance with RCSA §22a-174-3b(f) and are subject to 40 CFR Part 60 Subpart OOO – Standards of Performance for Nonmetallic Mineral Processing Plants. There are various portable non-emergency engines used with this equipment which are not subject to RCSA §22a-174-3a, however, may be subject to 40 CFR Part 60 Subpart IIII or JJJJ; or RCSA §22a-174-22e.

The Portable Nordberg Model 300 Cone Crusher is permitted under Permit No. 192-0164 along with a 536 hp generator set (Cummins Model No. KTA19-G3, Serial No. 9DR02048). Permit No. 192-0164 restricts the location of the generator set to only those Tilcon locations which are in a serious non-attainment area for ozone and premises which are not major sources of NO<sub>x</sub>. As such, when at the Danbury location, the Nordberg Portable Model 300 Cone Crusher shall be powered by an alternative means and operate in accordance with RCSA §22a-174-3b(f). The 536 hp generator set may not operate at the Danbury location at any time.

In addition, there are several fuel heaters on site which do not have any source specific applicable requirements.

Tilcon Connecticut Inc. – Danbury is a major source for NO<sub>x</sub> and CO and located in a severe non-attainment area for ozone as defined in RCSA §22a-174-1.

## Section II: Emissions Units Information

### A. EMISSIONS UNITS DESCRIPTION

Emissions units are set forth in Table II.A. It is not intended to incorporate by reference the NSR Permit, or Regulations into this Title V permit.

<b>TABLE II.A: EMISSIONS UNITS DESCRIPTION</b>			
<b>Emissions Unit/ Grouped Emissions Unit</b>	<b>Emissions Unit Description</b>	<b>Control Unit Description</b>	<b>Permit or Regulation Number</b>
EU-1	350 TPH Asphalt Batch Plant Constructed 1981	Fabric Filter	Permit No. 044-0005 RCSA §22a-174-22e 40 CFR Part 60 Subpart I
EU-101/ GEU-2	Portable Nordberg Model 300 Cone Crusher with Engine (Engine MRC < 3 MMBtu/hr)  Constructed 1997	Wet Dust Suppression	RCSA §22a-174-3b(f) 40 CFR Part 60 Subpart OOO
EU-601/ GEU-2	Portable CDC Double Deck Vibrating Screening Plant with Engine (Engine MRC < 3 MMBtu/hr)  Constructed 2002	Wet Dust Suppression	RCSA §22a-174-3b(f) 40 CFR Part 60 Subpart OOO
EU-701/ GEU-2	Portable Sandvik Impactor Plant (RAP Crusher) with Engine (Engine MRC < 3 MMBtu/hr)  Constructed 2012	Wet Dust Suppression	RCSA §22a-174-3b(f) 40 CFR Part 60 Subpart OOO
GEU-3	Various Portable Non-Emergency Engines	None	RCSA §22a-174-22e 40 CFR Part 60 Subpart IIII 40 CFR Part 60 Subpart JJJJ

## Section II: Emissions Units Information

### B. OPERATING SCENARIO IDENTIFICATION

The Permittee shall be allowed to operate under the following Standard Operating Scenarios without notifying the commissioner, provided that such operations are explicitly provided for and described in Table II.B. There are no Alternate Operating Scenarios for the premises.

<b>TABLE II.B: OPERATING SCENARIO IDENTIFICATION</b>		
<b>Identification of Operating Scenario</b>	<b>Emissions Units Associated with the Scenario</b>	<b>Description of Scenario</b>
Standard Operating Scenario	EU-1, GEU-2 (EU-101, EU-601, EU-701), GEU-3	EU-1 is used to produce asphalt. GEU-2 is used to process mineral products. GEU-3 is used to provide power to equipment.

### **Section III: Applicable Requirements and Compliance Demonstration**

The following contains summaries of applicable regulations and compliance demonstration for each identified Emissions Unit regulated by this Title V permit.

#### **A. EMISSIONS UNIT 1 (EU-1) - 350 TPH Asphalt Batch Plant**

**Subject to: Permit No. 044-0005; RCSA §22a-174-22e; 40 CFR Part 60 Subpart I**

##### **1. Asphalt Production**

###### *a. Limitation or Restriction*

The Permittee shall not cause or allow the maximum annual production of asphalt to exceed 650,000 tons per year. [Permit No. 044-0005]

###### *b. Monitoring Requirements*

- i. The Permittee shall monitor asphalt production using component weigh scales. [Permit No. 044-0005]
- ii. The Permittee shall operate and maintain this equipment in accordance with the manufacturer's specifications and written recommendations. [Permit No. 044-0005]

###### *c. Record Keeping Requirements*

The Permittee shall keep a record of the monthly and 12 consecutive month asphalt production. The 12 consecutive month asphalt production shall be determined by adding the current month's asphalt production to that of the previous 11 months. The Permittee shall make this calculation within 30 days of the previous month. [Permit No. 044-0005]

###### *d. Reporting Requirements*

The Permittee shall submit additional information in writing, at the commissioner's request, within 30 days of receipt of notice from the commissioner or by such other date specified by the commissioner, whichever is earlier. [RCSA §22a-174-33(j)(1)(X)]

##### **2. Fuel Limitations**

###### *a. Limitation or Restriction*

- i. The Permittee shall allow only the following fuel types: No. 2 Fuel Oil and Natural Gas [Permit No. 044-0005]
- ii. The Permittee shall not cause or allow the sulfur content of the No. 2 fuel oil to exceed 0.0015% by weight, dry basis. [RCSA §22a-174-19b]

###### *b. Monitoring Requirements*

Record keeping specified in Section III.A.2.c of this Title V permit shall be sufficient to meet other Monitoring Requirements pursuant to RCSA §22a-174-33. [RCSA §22a-174-33(j)(1)(K)(ii)]



### **Section III: Applicable Requirements and Compliance Demonstration**

#### *c. Record Keeping Requirements*

- i. The Permittee shall keep records of the monthly and consecutive 12 month fuel consumption. The consecutive 12 month fuel consumption shall be determined by adding (for each fuel) the current month's fuel consumption to that of the previous 11 months. The Permittee shall make this calculation within 30 days of the end of the previous month. [RCSA §22a-174-33(j)(1)(K)]
- ii. The Permittee shall keep records of the fuel certification for each delivery of fuel oil from a bulk petroleum provider or a copy of the current contract with the fuel supplier supplying the fuel used by this equipment that includes the applicable sulfur content of the fuel as a condition of each shipment. The shipping receipt or contract shall include the date of delivery, the name of the fuel supplier, type of fuel delivered, the percentage of sulfur in such fuel, by weight, dry basis, and the method used to determine the sulfur content of such fuel. [RCSA §22a-174-33(j)(1)(K)]

#### *d. Reporting Requirements*

The Permittee shall submit additional information in writing, at the commissioner's request, within 30 days of receipt of notice from the commissioner or by such other date specified by the commissioner, whichever is earlier. [RCSA §22a-174-33(j)(1)(X)]

### **3. Fabric Filter**

#### *a. Limitation or Restriction*

- i. The Permittee shall have the fabric filter in place and functioning whenever the asphalt plant is in operation. [Permit No. 044-0005]
- ii. The Permittee shall operate the fabric filter to maintain a minimum PM<sub>10</sub> removal efficiency of 0.04 grains/dscf. [Permit No. 044-0005]
- iii. The Permittee shall operate the fabric filter to maintain a pressure drop range of 2 – 5 in. H<sub>2</sub>O. [Permit No. 044-0005]
- iv. The Permittee shall modify the fabric filter's cleaning schedule in accordance with the manufacturer's specifications if the pressure drop is outside of the recommended range. [Permit No. 044-0005]

#### *b. Monitoring Requirements*

- i. The Permittee shall monitor the pressure range on the fabric filter. [Permit No. 044-0005]
- ii. The Permittee shall operate, inspect, and maintain the control equipment in accordance with the manufacturer's specifications to achieve the removal efficiency specified in Part III.A.3.a.ii of this Title V permit. [Permit No. 044-0005]

#### *c. Record Keeping Requirements*

The Permittee shall maintain records sufficient to determine compliance with the limitation or restriction in Section III.A.3.a of this Title V permit. [RCSA §22a-174-33(j)(1)(K)]

### Section III: Applicable Requirements and Compliance Demonstration

#### *d. Reporting Requirements*

The Permittee shall submit additional information in writing, at the commissioner's request, within 30 days of receipt of notice from the commissioner or by such other date specified by the commissioner, whichever is earlier. [RCSA §22a-174-33(j)(1)(X)]

#### **4. Emissions Limitations**

##### *a. Limitation or Restriction*

The Permittee shall not exceed the emission limits stated herein at any time: [Permit No. 044-0005]

##### i. PM<sub>10</sub>

(A) 12.38 lb/hr

(B) 0.04 grains/dscf [40 CFR §60.92(a)(1)]

(C) 11.5 tpy

##### ii. SO<sub>x</sub>

(A) 13.48 lb/hr

(B) 12.5 tpy

##### iii. NO<sub>x</sub>

(A) 18.5 lb/hr

(B) 180 ppmvd, corrected to 12% CO<sub>2</sub> [RCSA §22a-174-22e(d)(8)]

(C) 17.2 tpy

##### iv. VOC

(A) 9.66 lb/hr

(B) 9.0 tpy

##### v. CO

(A) 106.1 lb/hr

(B) 98.5 tpy

##### vi. Hazardous Air Pollutants [State Only Requirement]

The Permittee shall not cause or allow this equipment to exceed the Maximum Allowable Stack Concentration for any applicable hazardous air pollutant emitted and listed in RCSA §22a-174-29. [Permit No. 044-0005]

### **Section III: Applicable Requirements and Compliance Demonstration**

#### *b. Monitoring and Testing Requirements*

- i. The Permittee shall conduct performance tests for particulate matter in accordance with 40 CFR Part 60 Subpart I.
- ii. The Permittee shall conduct a one-time stack test for CO during the 2020 paving season, typically May through November, to demonstrate compliance with the emissions limit in Section III.A.4.a.v(A) of this Title V permit. [RCSA §22a-174-33(j)(1)(K)(ii)]
- iii. The Permittee shall demonstrate compliance with the applicable NO<sub>x</sub> emissions limitations of RCSA §22a-174-22e by conducting periodic emissions testing in accordance with RCSA §22a-174-22e(l). [RCSA §22a-174-22e(l)(1)]
- iv. The Permittee shall conduct an initial emissions test in accordance with RCSA §22a-174-22e(l) on a date during Phase 1 that is no more than 63 calendar months following the date of the last emission test performed pursuant to former RCSA §22a-174-22(k). [RCSA §22a-174-22e(l)(4)]
- v. The Permittee shall conduct the emission test pursuant to RCSA §22a-174-22e(l) following the initial emissions test on a date after May 31, 2023 and no later than June 1, 2025. Subsequently the Permittee shall conduct emission tests within every 63 calendar months following the date the previous emission test was conducted or the date the previous emission test was required to be conducted, whichever is earlier. [RCSA §22a-174-22e(l)(5)]
- vi. The Permittee shall demonstrate compliance with the emission limits in Part III.A.4.a of this Title V permit by calculating the emission rates using the most recent stack test result or emission factors from the equipment manufacturer (Gencor) for both No. 2 fuel oil and natural gas: [Permit No. 044-0005, RCSA §22a-174-33(j)(1)(k)(ii)]
  - (A) PM: 0.0354 lb/ton
  - (B) CO: 0.303 lb/ton
  - (C) VOC: 0.0276 lb/ton
  - (D) NO<sub>x</sub>: 0.0528 lb/ton
  - (E) SO<sub>x</sub>: 0.0385 lb/ton (not applicable for natural gas)
- vii. The Permittee shall define carcinogenic PAH as the sum of (Emission Factors from AP-42, Table 11.1-8, 12/00): [Permit No. 044-0005]
  - (A) Benzo (a) pyrene: 3.1E-10 lb/ton of hot mix asphalt produced;
  - (B) Dibenz (a, h) anthracene: 9.5E-11 lb/ton of hot mix asphalt produced;
  - (C) Benzo (a) anthracene: 4.6E-9 lb/ton of hot mix asphalt produced;
  - (D) Benzo (b) fluoranthene: 9.4E-9 lb/ton of hot mix asphalt produced;
  - (E) Benzo (k) fluoranthene: 1.3E-8 lb/ton of hot mix asphalt produced;
  - (F) Chrysene: 3.8E-9 lb/ton of hot mix asphalt produced; and

### **Section III: Applicable Requirements and Compliance Demonstration**

(G) Indeno (1, 2, 3-cd) pyrene: 3.0E-10 lb/ton of hot mix asphalt produced.

viii. The above statement shall not preclude the commissioner from requiring other means (e.g. stack testing) to demonstrate compliance with the emission limitations in Section III.A.4.a of this Title V permit. [Permit No. 044-0005]

#### *c. Record Keeping Requirements*

- i. The Permittee shall calculate and record the monthly and consecutive 12 month PM<sub>10</sub>, SO<sub>x</sub>, NO<sub>x</sub>, VOC, and CO emissions in units of tons. The consecutive 12 month emissions shall be determined by adding (for each pollutant) the current month's emissions to that of the previous 11 months. Such records shall include a sample calculation for each pollutant. The Permittee shall make these calculations within 30 days of the end of the previous month. [RCSA §22a-174-33(j)(1)(K)]
- ii. The Permittee shall make and keep records of the date and work performed for repairs, replacement of parts and other maintenance. [RCSA §22a-174-22e(j)(2)(B)]
- iii. The Permittee shall make and keep records of the dates and times of all emission testing required by Sections III.A.4.b.i and ii of this Title V permit as well as such test results and any Department approval of such tests. [RCSA §22a-174-33(j)(1)(K)]
- iv. The Permittee shall make and keep records of the dates and times of all emission testing required by RCSA §22a-174-22e(l), the persons performing the measurements, the testing methods used, the operating conditions at the time of testing, and the results of such testing. [RCSA §22a-174-22e(j)(2)(C)]
- v. The Permittee shall make and keep records of copies of all documents submitted to the commissioner pursuant to RCSA §22a-174-22e. [RCSA §22a-174-22e(j)(2)(F)]
- vi. The Permittee shall make and keep records of any other records or reports required by an order or permit issued by the commissioner pursuant to RCSA §22a-174-22e. [RCSA §22a-174-22e(j)(2)(G)]
- vii. The Permittee shall retain all records and reports produced pursuant to RCSA §22a-174-22e for five years. Such records and reports shall be available for inspection at reasonable hours by the commissioner or the Administrator. Such records and reports shall be maintained at the premises where the emissions unit is located, unless the commissioner approves in writing use of another location in Connecticut. [RCSA §22a-174-22e(j)(1)]

#### *d. Reporting Requirements*

- i. The Permittee shall submit a written report of the results of emission testing conducted under RCSA §22a-174-22e(l) to the commissioner not more than 60 days after the completion of such testing. [RCSA §22a-174-22e(k)(1)]
- ii. The Permittee shall submit additional information in writing, at the commissioner's request, within 30 days of receipt of notice from the commissioner or by such other date specified by the commissioner, whichever is earlier. [RCSA §22a-174-33(j)(1)(X)]

### **Section III: Applicable Requirements and Compliance Demonstration**

#### **5. Opacity**

##### *a. Limitation or Restriction*

- i. The Permittee shall not cause or allow this equipment to exceed the following visible emissions limits: [RCSA §22a-174-18(b)(1)]
  - (A) 20% opacity during any six-minute block average as measured by 40 CFR Part 60, Appendix A, Reference Method 9; [40 CFR §60.92(a)(2)] or
  - (B) 40% opacity as measured by 40 CFR Part 60, Appendix A, Reference Method 9, reduced to a one-minute block average.

##### *b. Monitoring Requirements*

Record keeping specified in Section III.A.5.c of this Title V permit shall be sufficient to meet other Monitoring Requirements pursuant to RCSA §22a-174-33. [RCSA §22a-174-33(j)(1)(K)(ii)]

##### *c. Record Keeping Requirements*

The Permittee shall maintain records sufficient to determine compliance with the limitation or restriction in Section III.A.5.a of this Title V permit. [RCSA §22a-174-33(j)(1)(K)]

##### *d. Reporting Requirements*

The Permittee shall submit additional information in writing, at the commissioner's request, within 30 days of receipt of notice from the commissioner or by such other date specified by the commissioner, whichever is earlier. [RCSA §22a-174-33(j)(1)(X)]

#### **6. Fugitive Emissions**

##### *a. Limitation or Restriction*

- i. The Permittee shall operate this source and premise at all times in a manner so as not to violate or significantly contribute to the violation of any applicable state requirements for the control of fugitive dust emissions, as set forth in RCSA §22a-174-18. The Permittee shall take the following steps to reduce fugitive dust emissions: [Permit No. 044-0005]
  - (A) Minimize fugitive dust emissions from all materials storage piles within the premise.
  - (B) Minimize fugitive dust emissions from unpaved roads or driveways within the premise through use of water sprays or any other equivalent method. During the winter months water shall be used to the extent that it is feasible and practical so as to not cause a safety hazard.
  - (C) Sweep paved roadways within the premise to control fugitive dust emissions.
  - (D) Minimize drag out to paved roads caused by the source's operation through the rinsing of construction equipment with water or any other equivalent method.
  - (E) Ensure that all open-bodied trucks and vehicles transporting materials likely to give rise to fugitive dust emissions shall be covered at all times when in motion. This condition shall apply to all open-bodied trucks and vehicles entering, exiting and/or conducting business on the premises.

### **Section III: Applicable Requirements and Compliance Demonstration**

For any vehicle which cannot be covered due to design, water spray shall be used to prevent fugitive particulate emissions.

(F) Cover conveyors and enclose material transfer points, or use water sprays, as needed.

*b. Monitoring Requirements*

Record keeping specified in Section III.A.6.c of this Title V permit shall be sufficient to meet other Monitoring Requirements pursuant to RCSA §22a-174-33. [RCSA §22a-174-33(j)(1)(K)(ii)]

*c. Record Keeping Requirements*

The Permittee shall maintain records sufficient to determine compliance with the limitation or restriction in Section III.A.6.a of this Title V permit. [RCSA §22a-174-33(j)(1)(K)]

*d. Reporting Requirements*

The Permittee shall submit additional information in writing, at the commissioner's request, within 30 days of receipt of notice from the commissioner or by such other date specified by the commissioner, whichever is earlier. [RCSA §22a-174-33(j)(1)(X)]

**B. GROUPED EMISSIONS UNIT 2 (GEU-2) - Portable Nordberg Model 300 Cone Crusher (EU-101), Portable CDC Double Deck Vibrating Screening Plant (EU-601) and Portable Sandvik Impactor Plant (RAP Crusher) (EU-701)**

**Subject to: RCSA §22a-174-3b(f); 40 CFR Part 60 Subpart OOO**

**1. Fuel Limitations**

*a. Limitation or Restriction*

The Permittee shall properly maintain and operate each unit in GEU-2 in accordance with the following conditions: [RCSA §22a-174-3b(f)(1)(B)]

- i. For all internal combustion engines supplying power to the nonmetallic mineral processing equipment in combination, not exceed 48,900 gallons of fuel oil usage in any 12 month rolling aggregate;
- ii. Any fuel oil consumed by such internal combustion engine or engines, shall not have a fuel sulfur content which exceeds 0.0015% by weight, dry basis; [RCSA §22a-174-19b(d)] and
- iii. Not use the nonmetallic mineral processing equipment and associated internal combustion engine or engines to result in emissions of any individual air pollutant greater than 15 tons per year in any 12 month rolling aggregate.

*b. Monitoring Requirements*

The Permittee shall continuously monitor fuel consumption for each unit in GEU-2 using a non-resettable totalizing fuel meter. [RCSA §22a-174-33(j)(1)(K)(ii)]

*c. Record Keeping Requirements*

- i. The Permittee shall maintain records of the information necessary for the commissioner to determine

### **Section III: Applicable Requirements and Compliance Demonstration**

compliance with the requirements of Section III.C.1.a of this Title V permit for each unit in GEU-2. Such records may include: [RCSA §§22a-174-3b(f)(3) and (4)]

- (A) Records of the quantity of fuel used, in gallons, for each month and each 12 month rolling aggregate; and
- (B) Records of the sulfur content as a percentage by weight, dry basis, and type of fuel. Any of the records listed below are sufficient to demonstrate the sulfur content of fuel: [RCSA §22a-174-3b(h)]
  - (1) A fuel certification for a delivery of nongaseous fuel from a bulk petroleum provider;
  - (2) A sales receipt for the sale of motor vehicle diesel fuel from a retail location; or
  - (3) A copy of a current contract with the fuel supplier supplying the fuel used by the equipment that includes the applicable sulfur content of nongaseous fuel as a condition of each shipment.

#### *d. Reporting Requirements*

The Permittee shall submit additional information in writing, at the commissioner's request, within 30 days of receipt of notice from the commissioner or by such other date specified by the commissioner, whichever is earlier. [RCSA §22a-174-33(j)(1)(X)]

## **2. Opacity**

#### *a. Limitation or Restriction*

- i. The Permittee shall not cause or allow the opacity from EU-101 to exceed 15%. [40 CFR §60.672(b)]
- ii. The Permittee shall not cause or allow the opacity from EU-601 to exceed 10%. [40 CFR §60.672(b)]
- iii. The Permittee shall not cause or allow the opacity from EU-701 to exceed 12%. [40 CFR §60.672(b)]

#### *b. Monitoring Requirements*

- i. The Permittee shall perform monthly periodic inspections to check that water is flowing to discharge spray nozzles in the wet dust suppression system of EU-701. [40 CFR §60.674(b)]
- ii. The Permittee shall initiate corrective action within 24 hours and complete corrective action as expeditiously as practical if the Permittee finds that water is not flowing properly during an inspection of the EU-701 water spray nozzles. [40 CFR §60.674(b)]

#### *c. Record Keeping Requirements*

- i. The Permittee shall record each periodic inspection of EU-701 required in Section III.C.2.b.i of this Title V permit, including dates and any corrective action taken, in a logbook (in written or electronic format). [40 CFR §60.676(b)(1)]
- ii. The Permittee shall keep the logbook required by Section III.C.2.c.i of this Title V permit onsite and make hard or electronic copies (whichever is requested) of the logbook available to the Administrator or commissioner upon request. [40 CFR §60.676(b)(1); RCSA §22a-174-33(j)(1)(K)]

### **Section III: Applicable Requirements and Compliance Demonstration**

#### *d. Reporting Requirements*

The Permittee shall submit additional information in writing, at the commissioner's request, within 30 days of receipt of notice from the commissioner or by such other date specified by the commissioner, whichever is earlier. [RCSA §22a-174-33(j)(1)(X)]

### **C. GROUPED EMISSIONS UNIT 3 (GEU-3) – Various Portable Non-Emergency Engines**

**Subject to: RCSA §22a-174-22e; 40 CFR Part 60 Subpart IIII or JJJJ**

#### **1. Engine Identification**

##### *a. Limitation or Restriction*

The number of portable non-emergency engines at the premises varies over time due to the nature of the activities at the premises.

##### *b. Monitoring Requirements*

The Permittee shall monitor the number and type of portable non-emergency engines at the premises. [RCSA §22a-174-33(j)(1)(K)(ii)]

##### *c. Record Keeping Requirements*

- i. The Permittee shall create a list of each and every portable non-emergency engine at the premises within 30 days of the issuance of this Title V permit (Application No. 201614208). Such list shall include the following information: [RCSA §22a-174-33(j)(1)(K)]
  - (A) Assigned Emission Unit Number (EU);
  - (B) Engine description (make and model);
  - (C) Installation date and/or applicable manufacture date;
  - (D) Size category;
  - (E) Fuel type;
  - (F) Capacity in bhp or kW;
  - (G) Identification of the class of engine (i.e. emergency, non-emergency, fire-pump, existing/new, etc.)
  - (H) If the engine is subject to RCSA §22a-174-22e;
  - (I) If the engine is subject to 40 CFR Part 60 Subpart IIII;
  - (J) If the engine is subject to 40 CFR Part 60 Subpart JJJJ;
  - (K) Installation location;
  - (L) Removal date, if applicable; and
  - (M) The date the list was created.



### **Section III: Applicable Requirements and Compliance Demonstration**

- ii. The Permittee shall create a record of each and every portable non-emergency engine at the premises on a monthly basis; updating the information in the list required by Section III.C.1.c.i of this Title V permit, or the most recent such record required by Section III.C.1.c.ii of this Title V permit. The Permittee shall make such record within 30 days of the end of the previous month. [RCSA §22a-174-33(j)(1)(K)]

#### *d. Reporting Requirements*

The Permittee shall submit additional information in writing, at the commissioner's request, within 30 days of receipt of notice from the commissioner or by such other date specified by the commissioner, whichever is earlier. [RCSA §22a-174-33(j)(1)(X)]

## **2. Fuel Limitations**

#### *a. Limitation or Restriction*

Any fuel oil consumed by a portable non-emergency engine shall not have a fuel sulfur content which exceeds 0.0015% by weight, dry basis. [RCSA §22a-174-19b(d)]

#### *b. Monitoring Requirements*

The Permittee shall monitor the sulfur content of the fuel consumed by the portable non-emergency engines. [RCSA §22a-174-33(j)(1)(K)(ii)]

#### *c. Record Keeping Requirements*

- i. Records of the sulfur content as a percentage by weight, dry basis, and type of fuel. Any of the records listed below are sufficient to demonstrate the sulfur content of fuel:  
[RCSA §22a-174-33(j)(1)(K)]
  - (A) A fuel certification for a delivery of nongaseous fuel from a bulk petroleum provider;
  - (B) A sales receipt for the sale of motor vehicle diesel fuel from a retail location; or
  - (C) A copy of a current contract with the fuel supplier supplying the fuel used by the equipment that includes the applicable sulfur content of nongaseous fuel as a condition of each shipment.

#### *d. Reporting Requirements*

The Permittee shall submit additional information in writing, at the commissioner's request, within 30 days of receipt of notice from the commissioner or by such other date specified by the commissioner, whichever is earlier. [RCSA §22a-174-33(j)(1)(X)]

## **3. RCSA §22a-174-22e Requirements**

#### *a. Limitation or Restriction*

The Permittee shall not cause or allow the emissions of NO<sub>x</sub> to exceed the following for each portable non-emergency engine identified in Section III.C.1.c of this Title V permit as being subject to RCSA §22a-174-22e. [RCSA §22a-174-22e(d)(6)]

- i. Until May 31, 2023 (Phase 1):

### **Section III: Applicable Requirements and Compliance Demonstration**

(A) Gas Fired: 2.5 g/bk hp-hr

(B) Other Oil Fired: 8.0 g/bk/hp-hr

ii. Beginning June 1, 2023 and Continuing Thereafter (Phase 2):

(A) Gas Fired: 1.5 g/bk/hp-hr

(B) Other Oil Fired, Rich Burn: 1.5 g/bk/hp-hr

(C) Other Oil Burn, Lean Burn: 2.3 g/bk/hp-hr

#### *b. Monitoring and Testing Requirements*

- i. The Permittee shall demonstrate compliance with the applicable emissions limitations of RCSA §22a-174-22e by conducting periodic emissions testing in accordance with RCSA §22a-174-22e(l) for each portable non-emergency engine identified in Section III.C.1.c of this Title V permit as being subject to RCSA §22a-174-22e. [RCSA §22a-174-22e(l)(1)]
- ii. The Permittee shall conduct an initial emissions test in accordance with RCSA §22a-174-22e(l) on a date during Phase 1 that is no more than 63 calendar months following the date of the last emission test performed pursuant to former RCSA §22a-174-22(k) for each portable non-emergency engine identified in Section III.C.1.c of this Title V permit as being subject to RCSA §22a-174-22e. [RCSA §22a-174-22e(l)(4)]
- iii. The Permittee shall conduct the emission test pursuant to RCSA §22a-174-22e(l) following the initial emissions test on a date after May 31, 2023 and no later than June 1, 2025 for each portable non-emergency engine identified in Section III.C.1.c of this Title V permit as being subject to RCSA §22a-174-22e. Subsequently the Permittee shall conduct emission tests within every 63 calendar months following the date the previous emission test was conducted or the date the previous emission test was required to be conducted, whichever is earlier. [RCSA §22a-174-22e(l)(5)]

#### *c. Record Keeping Requirements*

- i. The Permittee shall make and keep records of the date and work performed for repairs, replacement of parts and other maintenance for each portable non-emergency engine identified in Section III.C.1.c of this Title V permit as being subject to RCSA §22a-174-22e. [RCSA §22a-174-22e(j)(2)(B)]
- ii. The Permittee shall make and keep records of the dates and times of all emission testing required by RCSA §22a-174-22e(l), the persons performing the measurements, the testing methods used, the operating conditions at the time of testing, and the results of such testing for each portable non-emergency engine identified in Section III.C.1.c of this Title V permit as being subject to RCSA §22a-174-22e. [RCSA §22a-174-22e(j)(2)(C)]
- iii. The Permittee shall make and keep records of copies of all documents submitted to the commissioner pursuant to RCSA §22a-174-22e. [RCSA §22a-174-22e(j)(2)(F)]
- iv. The Permittee shall make and keep records of any other records or reports required by an order or permit issued by the commissioner pursuant to RCSA §22a-174-22e. [RCSA §22a-174-22e(j)(2)(G)]
- v. The Permittee shall retain all records and reports produced pursuant to RCSA §22a-174-22e for five years. Such records and reports shall be available for inspection at reasonable hours by the

### **Section III: Applicable Requirements and Compliance Demonstration**

commissioner or the Administrator. Such records and reports shall be maintained at the premises where the emissions unit is located, unless the commissioner approves in writing use of another location in Connecticut. [RCSA §22a-174-22e(j)(1)]

#### *d. Reporting Requirements*

- i. The Permittee shall submit a written report of the results of emission testing conducted under RCSA §22a-174-22e(l) to the commissioner not more than 60 days after the completion of such testing. [RCSA §22a-174-22e(k)(1)]
- ii. The Permittee shall submit additional information in writing, at the commissioner's request, within 30 days of receipt of notice from the commissioner or by such other date specified by the commissioner, whichever is earlier. [RCSA §22a-174-33(j)(1)(X)]

#### **4. 40 CFR Part 60 Subpart III Requirements**

##### *a. Limitation or Restriction*

- i. The Permittee shall comply with the applicable emission standards of 40 CFR §60.4204 for each portable non-emergency engine identified in Section III.C.1.c of this Title V permit as being subject to 40 CFR Part 60 Subpart III.
- ii. The Permittee shall comply with the applicable fuel requirements of 40 CFR §60.4207 for each portable non-emergency engine identified in Section III.C.1.c of this Title V permit as being subject to 40 CFR Part 60 Subpart III.
- iii. The Permittee shall comply with the applicable compliance requirements of 40 CFR §60.4211 for each portable non-emergency engine identified in Section III.C.1.c of this Title V permit as being subject to 40 CFR Part 60 Subpart III.

##### *b. Monitoring and Testing Requirements*

- i. The Permittee shall comply with the applicable monitoring requirements of 40 CFR §60.4209 for each portable non-emergency engine identified in Section III.C.1.c of this Title V permit as being subject to 40 CFR Part 60 Subpart III.
- ii. The Permittee shall comply with the applicable testing requirements of 40 CFR §§60.4212 – 60.4213 for each portable non-emergency engine identified in Section III.C.1.c of this Title V permit as being subject to 40 CFR Part 60 Subpart III.

##### *c. Record Keeping Requirements*

The Permittee shall comply with the applicable record keeping requirements of 40 CFR §60.4214 for each portable non-emergency engine identified in Section III.C.1.c of this Title V permit as being subject to 40 CFR Part 60 Subpart III.

##### *d. Reporting Requirements*

The Permittee shall comply with the applicable notification requirements of 40 CFR §60.4214 for each portable non-emergency engine identified in Section III.C.1.c of this Title V permit as being subject to 40 CFR Part 60 Subpart III.

## Section III: Applicable Requirements and Compliance Demonstration

### 5. 40 CFR Part 60 Subpart JJJJ Requirements

#### a. *Limitation or Restriction*

- i. The Permittee shall comply with the applicable emission standards of 40 CFR §60.4233 for each portable non-emergency engine identified in Section III.C.1.c of this Title V permit as being subject to 40 CFR Part 60 Subpart JJJJ.
- ii. The Permittee shall comply with the applicable compliance requirements of 40 CFR §60.4243 for each portable non-emergency engine identified in Section III.C.1.c of this Title V permit as being subject to 40 CFR Part 60 Subpart JJJJ.

#### b. *Monitoring and Testing Requirements*

The Permittee shall meet the applicable testing requirements of 40 CFR §60.4244 for each portable non-emergency engine identified in Section III.C.1.c of this Title V permit as being subject to 40 CFR Part 60 Subpart JJJJ.

#### c. *Record Keeping Requirements*

The Permittee shall meet the applicable record keeping requirements of 40 CFR §60.4245 for each portable non-emergency engine identified in Section III.C.1.c of this Title V permit as being subject to 40 CFR Part 60 Subpart JJJJ.

#### d. *Reporting Requirements*

The Permittee shall meet the applicable notification requirements of 40 CFR §60.4245 for each portable non-emergency engine identified in Section III.C.1.c of this Title V permit as being subject to 40 CFR Part 60 Subpart JJJJ.

### D. PREMISES-WIDE GENERAL REQUIREMENTS

1. **Annual Emission Statements:** The Permittee shall submit annual emission statements requested by the commissioner as set forth in RCSA §22a-174-4(d)(1).
2. **Emission Testing:** The Permittee shall comply with the procedures for sampling, emission testing, sample analysis, and reporting as set forth in RCSA §22a-174-5.
3. **Emergency Episode Procedures:** The Permittee shall comply with the procedures for emergency episodes as set forth in RCSA §22a-174-6.
4. **Reporting of Malfunctioning Control Equipment:** The Permittee shall comply with the reporting requirements of malfunctioning control equipment as set forth in RCSA §22a-174-7.
5. **Prohibition of Air Pollution:** The Permittee shall comply with the requirement to prevent air pollution as set forth in RCSA §22a-174-9.
6. **Public Availability of Information:** The public availability of information shall apply, as set forth in RCSA §22a-174-10.
7. **Prohibition Against Concealment/Circumvention:** The Permittee shall comply with the prohibition

### Section III: Applicable Requirements and Compliance Demonstration

against concealment or circumvention as set forth in RCSA §22a-174-11.

8. **Violations and Enforcement:** The Permittee shall not violate or cause the violation of any applicable regulation as set forth in RCSA §22a-174-12.
9. **Variances:** The Permittee may apply to the commissioner for a variance from one or more of the provisions of these regulations as set forth in RCSA §22a-174-13.
10. **No Defense to Nuisance Claim:** The Permittee shall comply with the regulations as set forth in RCSA §22a-174-14.
11. **Severability:** The Permittee shall comply with the severability requirements as set forth in RCSA §22a-174-15.
12. **Responsibility to Comply:** The Permittee shall be responsible to comply with the applicable regulations as set forth in RCSA §22a-174-16.
13. **Particulate Emissions:** The Permittee shall comply with the standards for control of particulate matter and visible emissions as set forth in RCSA §22a-174-18.
14. **Fuel Sulfur Content:** The Permittee shall not use No. 2 heating oil that exceeds fifteen parts per million of sulfur by weight as set forth in CGS §16a-21a(a)(2)(B) .
15. **Sulfur Compound Emissions:** The Permittee shall comply with the requirements for control of sulfur compound emissions as set forth in RCSA §§22a-174-19, 22a-174-19a and 22a-174-19b, as applicable.
16. **Organic Compound Emissions:** The Permittee shall comply with the requirements for control of organic compound emissions as set forth in RCSA §22a-174-20.
17. **Nitrogen Oxide Emissions:** The Permittee shall comply with the requirements for control of nitrogen oxide emissions as set forth in RCSA §22a-174-22e and §22a-174-22f.
18. **Ambient Air Quality:** The Permittee shall not cause or contribute to a violation of an ambient air quality standard as set forth in RCSA §22a-174-24(b).
19. **Open Burning:** The Permittee is prohibited from conducting open burning, except as may be allowed by CGS §22a-174(f).
20. **Asbestos:** Should the premises, as defined in 40 CFR §61.145, become subject to the national emission standard for asbestos regulations in 40 CFR Part 61 Subpart M when conducting any renovation or demolition at this premises, then the Permittee shall submit proper notification as described in 40 CFR §61.145(b) and shall comply with all other applicable requirements of 40 CFR Part 61 Subpart M.
21. **Emission Fees:** The Permittee shall pay an emission fee as set forth in RCSA §22a-174-26(d).

**Section IV: Compliance Schedule**

<b>TABLE IV: COMPLIANCE SCHEDULE</b>				
<b>Emissions Unit</b>	<b>Applicable Regulations</b>	<b>Steps Required for Achieving Compliance (Milestones)</b>	<b>Date by which Each Step is to be Completed</b>	<b>Dates for Monitoring, Record Keeping, and Reporting</b>
		No Steps are required for achieving compliance at this time.		

## Section V: State Enforceable Terms and Conditions

Only the Commissioner of the Department of Energy and Environmental Protection has the authority to enforce the terms, conditions and limitations contained in this section.

### SECTION V: STATE ENFORCEABLE TERMS AND CONDITIONS

- A.** This Title V permit does not relieve the Permittee of the responsibility to conduct, maintain and operate the emissions units in compliance with all applicable requirements of any other Bureau of the Department of Energy and Environmental Protection or any federal, local or other state agency. Nothing in this Title V permit shall relieve the Permittee of other obligations under applicable federal, state and local law.
- B.** Nothing in this Title V permit shall affect the commissioner's authority to institute any proceeding or take any other action to prevent or abate violations of law, prevent or abate pollution, investigate air pollution, recover costs and natural resource damages, and to impose penalties for violations of law, including but not limited to violations of this or any other permit issued to the Permittee by the commissioner.
- C.** Additional Emissions Units
- 1.** The Permittee shall make and submit a written record, at the commissioner's request, within 30 days of receipt of notice from the commissioner, or by such other date specified by the commissioner, of each additional emissions unit or group of similar or identical emissions units at the premises.
  - 2.** Such record of additional emissions units shall include each emissions unit, or group of emissions units, at the premises which is not listed in Section II.A of this Title V permit, unless the emissions unit, or group of emissions units, is:
    - a. an insignificant emissions unit as defined in RCSA §22a-174-33; or
    - b. an emissions unit or activity listed in *White Paper for Streamlined Development of Part 70 Permit Applications, Attachment A* (EPA guidance memorandum dated July 10, 1995).
  - 3.** For each emissions unit, or group of emissions units, on such record, the record shall include, as available:
    - a. Description, including make and model;
    - b. Year of construction/installation or if a group, range of years of construction/installation;
    - c. Maximum throughput or capacity; and
    - d. Fuel type, if applicable.
- D.** Odors: The Permittee shall not cause or permit the emission of any substance or combination of substances which creates or contributes to an odor that constitutes a nuisance beyond the property boundary of the premises as set forth in RCSA §22a-174-23.
- E.** Noise: The Permittee shall operate in compliance with the regulations for the control of noise as set forth in RCSA §§22a-69-1 through 22a-69-7.4, inclusive.
- F.** Hazardous Air Pollutants (HAPs): The Permittee shall operate in compliance with the regulations for the control of HAPs as set forth in RCSA §22a-174-29.

## **Section VI: Title V Requirements**

The Administrator of the United States Environmental Protection Agency and the Commissioner of the Department of Energy and Environmental Protection have the authority to enforce the terms and conditions contained in this section.

### **SECTION VI: TITLE V REQUIREMENTS**

#### **A. SUBMITTALS TO THE COMMISSIONER & ADMINISTRATOR**

The date of submission to the commissioner of any document required by this Title V permit shall be the date such document is received by the commissioner. The date of any notice by the commissioner under this Title V permit, including, but not limited to notice of approval or disapproval of any document or other action, shall be the date such notice is delivered or the date three days after it is mailed by the commissioner, whichever is earlier. Except as otherwise specified in this Title V permit, the word "day" means calendar day. Any document or action which is required by this Title V permit to be submitted or performed by a date which falls on a Saturday, Sunday or legal holiday shall be submitted or performed by the next business day thereafter.

Any document required to be submitted to the commissioner under this Title V permit shall, unless otherwise specified in writing by the commissioner, be directed to: Office of the Director; Engineering & Enforcement Division; Bureau of Air Management; Department of Energy and Environmental Protection; 79 Elm Street, 5th Floor; Hartford, Connecticut 06106-5127.

Any submittal to the Administrator of the Environmental Protection Agency shall be submitted per the procedure required by the applicable requirement or otherwise in a computer-readable format and addressed to: U.S. EPA New England, 5 Post Office Square, Suite 100 (OES04-2), Boston, Massachusetts 02109, Attn: Air Clerk.

#### **B. CERTIFICATIONS [RCSA §22a-174-33(b)]**

In accordance with RCSA §22a-174-33(b), any report or other document required by this Title V permit and any other information submitted to the commissioner or Administrator shall be signed by an individual described in RCSA §22a-174-2a(a), or by a duly authorized representative of such individual. Any individual signing any document pursuant to RCSA §22a-174-33(b) shall examine and be familiar with the information submitted in the document and all attachments thereto, and shall make inquiry of those individuals responsible for obtaining the information to determine that the information is true, accurate, and complete, and shall also sign the following certification as provided in RCSA §22a-174-2a(a)(4):

“I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that any false statement made in the submitted information may be punishable as a criminal offense under Section 22a-175 of the Connecticut General Statutes, under Section 53a-157b of the Connecticut General Statutes, and in accordance with any applicable statute.”

#### **C. SIGNATORY RESPONSIBILITY [RCSA §22a-174-2a(a)]**

For purposes of signing any Title V-related application, document, report or certification required by RCSA §22a-174-33, any corporation's duly authorized representative may be either a named individual or any individual occupying a named position. Such named individual or individual occupying a named position is a duly authorized representative if such individual is responsible for the overall operation of one or more manufacturing, production or operating facilities subject to RCSA §22a-174-33 and either:



## **Section VI: Title V Requirements**

1. The facilities employ more than 250 persons or have gross annual sales or expenditures exceeding 25 million dollars in second quarter 1980 dollars; or
2. The delegation of authority to the duly authorized representative has been given in writing by an officer of the corporation in accordance with corporate procedures and the following:
  - i. Such written authorization specifically authorizes a named individual, or a named position, having responsibility for the overall operation of the Title V premises or activity,
  - ii. Such written authorization is submitted to the commissioner and has been approved by the commissioner in advance of such delegation. Such approval does not constitute approval of corporate procedures, and
  - iii. If a duly authorized representative is a named individual in an authorization submitted under subclause ii of this subparagraph and a different individual is assigned or has assumed the responsibilities of the duly authorized representative, or, if a duly authorized representative is a named position in an authorization submitted under subclause ii of this subparagraph and a different named position is assigned or has assumed the duties of the duly authorized representative, a new written authorization shall be submitted to the commissioner prior to or together with the submission of any application, document, report or certification signed by such representative.

### **D. ADDITIONAL INFORMATION [RCSA §22a-174-33(j)(1)(X), RCSA §22a-174-33(h)(2)]**

The Permittee shall submit additional information in writing, at the commissioner's request, within 30 days of receipt of notice from the commissioner or by such other date specified by the commissioner, whichever is earlier, including information to determine whether cause exists for modifying, revoking, reopening, reissuing, or suspending this Title V permit or to determine compliance with this Title V permit.

In addition, the Permittee shall submit information to address any requirements that become applicable to the subject source and shall submit correct, complete, and sufficient information within 15 days of the applicant's becoming aware of any incorrect, incomplete, or insufficient submittal, during the pendency of the application, or any time thereafter, with an explanation for such deficiency and a certification pursuant to RCSA §22a-174-2a(a)(5).

### **E. MONITORING REPORTS [RCSA §22a-174-33(o)(1)]**

A Permittee, required to perform monitoring pursuant to this Title V permit, shall submit to the commissioner, on forms prescribed by the commissioner, written monitoring reports on March 1 and September 1 of each year or on a more frequent schedule if specified in such permit. Such monitoring reports shall include the date and description of each deviation from a permit requirement including, but not limited to:

1. Each deviation caused by upset or control equipment deficiencies; and
2. Each deviation of a permit requirement that has been monitored by the monitoring systems required under this Title V permit, which has occurred since the date of the last monitoring report; and
3. Each deviation caused by a failure of the monitoring system to provide reliable data.

## Section VI: Title V Requirements

### F. PREMISES RECORDS [RCSA §22a-174-33(o)(2)]

Unless otherwise required by this Title V permit, the Permittee shall make and keep records of all required monitoring data and supporting information for at least five years from the date such data and information were obtained. The Permittee shall make such records available for inspection at the site of the subject source, and shall submit such records to the commissioner upon request. The following information, in addition to required monitoring data, shall be recorded for each permitted source:

1. The type of monitoring or records used to obtain such data, including record keeping;
2. The date, place, and time of sampling or measurement;
3. The name of the individual who performed the sampling or the measurement and the name of such individual's employer;
4. The date(s) on which analyses of such samples or measurements were performed;
5. The name and address of the entity that performed the analyses;
6. The analytical techniques or methods used for such analyses;
7. The results of such analyses;
8. The operating conditions at the subject source at the time of such sampling or measurement; and
9. All calibration and maintenance records relating to the instrumentation used in such sampling or measurements, all original strip-chart recordings or computer printouts generated by continuous monitoring instrumentation, and copies of all reports required by the subject permit.

### G. PROGRESS REPORTS [RCSA §22a-174-33(q)(1)]

The Permittee shall, on March 1 and September 1 of each year, or on a more frequent schedule if specified in this Title V permit, submit to the commissioner a progress report on forms prescribed by the commissioner, and certified in accordance with RCSA §22a-174-2a(a)(5). Such report shall describe the Permittee's progress in achieving compliance under the compliance plan schedule contained in this Title V permit. Such progress report shall:

1. Identify those obligations under the compliance plan schedule in this Title V permit which the Permittee has met, and the dates on which they were met; and
2. Identify those obligations under the compliance plan schedule in this Title V permit which the Permittee has not timely met, explain why they were not timely met, describe all measures taken or to be taken to meet them and identify the date by which the Permittee expects to meet them.

Any progress report prepared and submitted pursuant to RCSA §22a-174-33(q)(1) shall be simultaneously submitted by the Permittee to the Administrator.

## Section VI: Title V Requirements

### H. COMPLIANCE CERTIFICATIONS [RCSA §22a-174-33(q)(2)]

The Permittee shall, on March 1 of each year, or on a more frequent schedule if specified in this Title V permit, submit to the commissioner a written compliance certification certified in accordance with RCSA §22a-174-2a(a)(5) and which includes the information identified in 40 CFR §§70.6(c)(5)(iii)(A) to (C), inclusive.

Any compliance certification prepared and submitted pursuant to RCSA §22a-174-33(q)(2) shall be simultaneously submitted by the Permittee to the Administrator.

### I. PERMIT DEVIATION NOTIFICATIONS [RCSA §22a-174-33(p)]

Notwithstanding Section VI.E. of this Title V permit, the Permittee shall notify the commissioner in writing, on forms prescribed by the commissioner, of any deviation from an emissions limitation, and shall identify the cause or likely cause of such deviation, all corrective actions and preventive measures taken with respect thereto, and the dates of such actions and measures as follows:

1. For any hazardous air pollutant, no later than 24 hours after such deviation commenced; and
2. For any other regulated air pollutant, no later than ten days after such deviation commenced.

### J. PERMIT RENEWAL [RCSA §22a-174-33(j)(1)(B)]

All of the terms and conditions of this Title V permit shall remain in effect until the renewal permit is issued or denied provided that a timely renewal application is filed in accordance with RCSA §§22a-174-33(g), -33(h), and -33(i).

### K. OPERATE IN COMPLIANCE [RCSA §22a-174-33(j)(1)(C)]

The Permittee shall operate the source in compliance with the terms of all applicable regulations, the terms of this Title V permit, and any other applicable provisions of law. In addition, any noncompliance constitutes a violation of the Clean Air Act and Chapter 446c of the Connecticut General Statutes and is grounds for federal and/or state enforcement action, permit termination, revocation and reissuance, or modification, and denial of a permit renewal application.

### L. COMPLIANCE WITH PERMIT [RCSA §22a-174-33(j)(1)(G)]

This Title V permit shall not be deemed to:

1. Preclude the creation or use of emission reduction credits or allowances or the trading thereof in accordance with RCSA §§22a-174-33(j)(1)(I) and -33(j)(1)(P), provided that the commissioner's prior written approval of the creation, use, or trading is obtained;
2. Authorize emissions of an air pollutant so as to exceed levels prohibited pursuant to 40 CFR Part 72;
3. Authorize the use of allowances pursuant to 40 CFR Parts 72 through 78, inclusive, as a defense to noncompliance with any other applicable requirement; or
4. Impose limits on emissions from items or activities specified in RCSA §§22a-174-33(g)(3)(A) and -33(g)(3)(B) unless imposition of such limits is required by an applicable requirement.

## Section VI: Title V Requirements

### **M. INSPECTION TO DETERMINE COMPLIANCE [RCSA §22a-174-33(j)(1)(M)]**

The commissioner may, for the purpose of determining compliance with this Title V permit and other applicable requirements, enter the premises at reasonable times to inspect any facilities, equipment, practices, or operations regulated or required under such permit; to sample or otherwise monitor substances or parameters; and to review and copy relevant records lawfully required to be maintained at such premises in accordance with this Title V permit. It shall be grounds for permit revocation should entry, inspection, sampling, or monitoring be denied or effectively denied, or if access to and the copying of relevant records is denied or effectively denied.

### **N. PERMIT AVAILABILITY**

The Permittee shall have available at the facility at all times a copy of this Title V permit.

### **O. SEVERABILITY CLAUSE [RCSA §22a-174-33(j)(1)(R)]**

The provisions of this Title V permit are severable. If any provision of this Title V permit or the application of any provision of this Title V permit to any circumstance is held invalid, the remainder of this Title V permit and the application of such provision to other circumstances shall not be affected.

### **P. NEED TO HALT OR REDUCE ACTIVITY [RCSA §22a-174-33(j)(1)(T)]**

It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this Title V permit.

### **Q. PERMIT REQUIREMENTS [RCSA §22a-174-33(j)(1)(V)]**

The filing of an application or of a notification of planned changes or anticipated noncompliance does not stay the Permittee's obligation to comply with this Title V permit.

### **R. PROPERTY RIGHTS [RCSA §22a-174-33(j)(1)(W)]**

This Title V permit does not convey any property rights or any exclusive privileges. This Title V permit is subject to, and in no way derogates from any present or future property rights or other rights or powers of the State of Connecticut, and is further subject to any and all public and private rights and to any federal, state or local laws or regulations pertinent to the facility or regulated activity affected thereby, including CGS §4-181a(b) and RCSA §22a-3a-5(b). This Title V permit shall neither create nor affect any rights of persons who are not parties to this Title V permit.

### **S. ALTERNATIVE OPERATING SCENARIO RECORDS [RCSA §22a-174-33(o)(3)]**

The Permittee shall, contemporaneously with making a change authorized by this Title V permit from one alternative operating scenario to another, maintain a record at the premises indicating when changes are made from one operating scenario to another and shall maintain a record of the current alternative operating scenario.

## **Section VI: Title V Requirements**

### **T. OPERATIONAL FLEXIBILITY AND OFF-PERMIT CHANGES [RCSA §22a-174-33(r)(2)]**

The Permittee may engage in any action allowed by the Administrator in accordance with 40 CFR §§70.4(b)(12)(i) to (iii)(B), inclusive, and 40 CFR §§70.4(b)(14)(i) to (iv), inclusive, without a Title V non-minor permit modification, minor permit modification or revision and without requesting a Title V non-minor permit modification, minor permit modification or revision provided such action does not:

1. Constitute a modification under 40 CFR Part 60, 61 or 63;
2. Exceed emissions allowable under the subject permit;
3. Constitute an action which would subject the Permittee to any standard or other requirement pursuant to 40 CFR Parts 72 to 78, inclusive; or
4. Constitute a non-minor permit modification pursuant to RCSA §22a-174-2a(d)(4).

At least seven days before initiating an action specified in RCSA §22a-174-33(r)(2)(A), the Permittee shall notify the Administrator and the commissioner in writing of such intended action.

### **U. INFORMATION FOR NOTIFICATION [RCSA §22a-174-33(r)(2)(A)]**

Written notification required under RCSA §22a-174-33(r)(2)(A) shall include a description of each change to be made, the date on which such change will occur, any change in emissions that may occur as a result of such change, any Title V permit terms and conditions that may be affected by such change, and any applicable requirement that would apply as a result of such change. The Permittee shall thereafter maintain a copy of such notice with the Title V permit. The commissioner and the Permittee shall each attach a copy of such notice to their copy of the Title V permit.

### **V. TRANSFERS [RCSA §22a-174-2a(g)]**

No person other than the Permittee shall act or refrain from acting under the authority of this Title V permit unless such permit has been transferred to another person in accordance with RCSA §22a-174-2a(g).

The proposed transferor and transferee of a permit shall submit to the commissioner a request for a permit transfer on a form provided by the commissioner. A request for a permit transfer shall be accompanied by any fees required by any applicable provision of the general statutes or regulations adopted thereunder. The commissioner may also require the proposed transferee to submit with any such request, the information identified in CGS §22a-6o.

### **W. REVOCATION [RCSA §22a-174-2a(h)]**

The commissioner may revoke this Title V permit on his own initiative or on the request of the Permittee or any other person, in accordance with CGS §4-182(c), RCSA §22a-3a-5(d), and any other applicable law. Any such request shall be in writing and contain facts and reasons supporting the request. The Permittee requesting revocation of this Title V permit shall state the requested date of revocation and provide evidence satisfactory to the commissioner that the subject source is no longer a Title V source.

Pursuant to the Clean Air Act, the Administrator has the power to revoke this Title V permit. Pursuant to the Clean Air Act, the Administrator also has the power to reissue this Title V permit if the Administrator has determined that the commissioner failed to act in a timely manner on a permit renewal application.

## **Section VI: Title V Requirements**

This Title V permit may be modified, revoked, reopened, reissued, or suspended by the commissioner, or the Administrator in accordance with RCSA §22a-174-33(r), CGS §22a-174c, or RCSA §22a-3a-5(d).

### **X. REOPENING FOR CAUSE [RCSA §22a-174-33(s)]**

This Title V permit may be reopened by the commissioner, or the Administrator in accordance with RCSA §22a-174-33(s).

### **Y. CREDIBLE EVIDENCE**

Notwithstanding any other provision of this Title V permit, for the purpose of determining compliance or establishing whether a Permittee has violated or is in violation of any permit condition, nothing in this Title V permit shall preclude the use, including the exclusive use, of any credible evidence or information.

## **Print for Compliance Certification or Enforcement**

Click the button below to generate the appropriate checklist. Be aware that this macro does not work unless you have access to the DEEP D-Drive.

This macro takes anywhere from 2-5 minutes to run. Your computer will look like it is locked up but it is working. Unfortunately the new DEEP virtual computer system makes this process even slower. Please be patient.

Print Enforcement Checklist

Print Compliance Certification

Compliance Certification Table (2018)