

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.

Title V Permit Number	110-0083-TV
Client/Sequence/Town/Premises Numbers	0110/09/110/282
Date Issued	February 17, 2022
Expiration Date	February 17, 2027

Corporation:

Stanley Black & Decker, Inc.


Premises Location:

Stanley Tools Division, 600 Myrtle Street, New Britain, Connecticut 06053

Name of Responsible Official and Title:

Patrick Voll, Plant Manager

All the following attached pages, 2 through 37, are hereby incorporated by reference into this Title V permit.


for Katherine S. Dykes
Commissioner

February 17, 2022
Date

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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>
acfm	Actual cubic feet per minute
AOS	Alternative Operating Scenario
ASC	Actual Stack Concentration
CFR	Code of Federal Regulations
CGS	Connecticut General Statutes
CO	Carbon Monoxide
CP/OP	Construction Permit/Operating Permit
DEEP	Department of Energy and Environmental Protection
dscf	Dry standard cubic feet
dscm	Dry standard cubic meters
EU	Emissions Unit
EPA	Environmental Protection Agency
ERC	Emission Reduction Credit
FLER	Full Load Emission Rate
ft ³	Cubic feet
GEU	Grouped Emissions Unit
gph	Gallons per hour
gpm	Gallons per minute
HAP	Hazardous Air Pollutant
hr	Hour
in	Inch
kg	Kilogram
L	Liter
lb	Pound
mm	Millimeter
MMBtu	Million British Thermal Unit
MSDS	Material Safety Data Sheet
NESHAP	National Emission Standards for Hazardous Air Pollutants
NO ₂	Nitrogen Dioxide
NO _x	Nitrogen Oxides
NSPS	New Source Performance Standard
NSR	New Source Review
Pb	Lead
PM	Particulate Matter
PM ₁₀	Particulate Matter less than 10 microns
PM _{2.5}	Particulate Matter less than 2.5 microns
ppmvd	Parts per million, volumetric basis dry
RCSA	Regulations of Connecticut State Agencies
SIC	Standard Industrial Classification Code
SO ₂	Sulfur Dioxide
SO _x	Sulfur Oxides
SOS	Standard Operating Scenario
tpy	Tons per year
TSP	Total Suspended Particulate
VOC	Volatile Organic Compound

Section I: Premises Information/Description

A. PREMISES INFORMATION

Nature of Business: Manufacturing
Primary SIC: 3423 Hand and Edge Tools
Other SIC: 332212 Hand and Edge Tool Manufacturing

Facility Mailing Address: Stanley Black & Decker, Inc.
600 Myrtle Street
New Britain, Connecticut 06053

Telephone Number: (860) 827-5810

B. PREMISES DESCRIPTION

Stanley Black & Decker, Inc. (Stanley Tools) manufactures utility knife blades, and tape rules at 600 Myrtle Street in New Britain, CT. Current manufacturing operations on the premises include metal grinding, heat treating, metal and metal coil coating and cleaning, assembly, and printing. Additionally, two boilers are used for space heating.

Stanley Tools is a major stationary source, as defined in 40 CFR Part 70, due to the potential to emit Volatile Organic Compounds (VOCs) in excess of the 50 tons per year threshold for a serious ozone non-attainment area as defined in RCSA Section 22a-174-1(103). Potential emissions of all other criteria pollutants are below the major source thresholds.

Stanley Tools is also subject to the following federal requirements:

- 40 CFR Part 60 Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units

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 these NSR Permits or Regulations into this Title V permit.

TABLE II.A: EMISSIONS UNITS DESCRIPTION			
Grouped Emissions Unit/ Emissions Unit	Emissions Unit Description	Control Unit Description	Permit, Order, Registration, or Regulation Number
EU-13	Young Printer No. 3 Constructed prior to 1982 Maximum Throughput of 240 ft/min	None	RCSA §22a-174-20(v), (aa)
EU-14	Barnes Printer No. 2 Constructed prior to 1982 Maximum Throughput of 300 ft/min	None	RCSA §22a-174-20(v), (aa)
EU-15	Barnes Printer No. 3 Constructed prior to 1982 Maximum Throughput of 300 ft/min	None	RCSA §22a-174-20(v), (aa)
EU-16	Barnes Printer No. 4 Constructed prior to 1982 Maximum Throughput of 300 ft/min	None	RCSA §22a-174-20(v), (aa)
EU-18	Adhesive Cleaning Tank No. 1 Constructed 1960 Maximum Capacity of 59.2 tpy	None	RCSA §22a-174-20(l)
EU-23	Metal Coil Laminator with gas fired oven No. 1 Constructed 1985 Maximum Capacity of 240 ft/min; 8.76 MMCF/yr	None	RCSA §22a-174-18(f) RCSA §22a-174-19(f) RCSA §22a-174-20(n), (aa)
EU-24	Metal Coil Laminator with gas fired oven No. 2 Constructed 1985 Maximum Capacity of 240 ft/min; 8.76 MMCF/yr	None	RCSA §22a-174-18(f) RCSA §22a-174-19(f) RCSA §22a-174-20(n), (aa)
EU-25	Metal Coil Laminator with gas fired oven No. 3 Constructed 1985 Maximum Capacity of 240 ft/min; 8.76 MMCF/yr	None	RCSA §22a-174-18(f) RCSA §22a-174-19(f) RCSA §22a-174-20(n), (aa)
EU-39	IBW Boiler No. 1 Model BF 350C-W12 Constructed 1993 14.6 MMBtu/hr	None	RCSA §22a-174-18(b), (e) 40 CFR Part 60 Subpart Dc
EU-40	IBW Boiler No. 2 Model BF 350C-W12 Constructed 1993 14.6 MMBtu/hr	None	RCSA §22a-174-18(b), (e) 40 CFR Part 60 Subpart Dc

Section II: Emissions Units Information

TABLE II.A: EMISSIONS UNITS DESCRIPTION			
Grouped Emissions Unit/ Emissions Unit	Emissions Unit Description	Control Unit Description	Permit, Order, Registration, or Regulation Number
EU-41	Lindberg Natural Gas Cracking Unit No. 1 92-1500-AB Serial No. 23120 Constructed 1973 525 ft ³ /hr Maximum Throughput	None	RCSA §22a-174-19(f)
EU-42	Lindberg Natural Gas Cracking Unit No. 2 16-1500-AB Serial No. 24440 Constructed 1978 525 ft ³ /hr Maximum Throughput	None	RCSA §22a-174-19(f)
EU-47	Heat Treat Line (Furnace No. 95) Constructed 1996 100,000 ft ³ gal/hr	None	RCSA §22a-174-18(b) RCSA §22a-174-19(f)
EU-69	Coil Coating Line No. 1 with gas fired drying oven Constructed prior to 1980 Maximum Capacity of 34,339 gpy; 8.76 MMCF/yr	None	RCSA §22a-174-18(f) RCSA §22a-174-19(f) RCSA §22a-174-20(n), (aa)
EU-70	Coil Coating Line No. 3 with Infrared drying oven Constructed prior to 1980 Maximum Capacity of 227,775 gpy	None	Permit No. 110-0012 RCSA §22a-174-18(f) RCSA §22a-174-19(f) RCSA §22a-174-20(n), (aa)
EU-71	Coil Coating Line No. 4 with Infrared drying oven Constructed prior to 1980 Maximum Capacity of 227,775 gpy	None	Permit No. 110-0013 RCSA §22a-174-18(f) RCSA §22a-174-19(f) RCSA §22a-174-20(n), (aa)
EU-72	Coil Coating Line No. 5 with Infrared drying oven Constructed prior to 1980 Maximum Capacity of 227,775 gpy	None	Permit No. 110-0019 RCSA §22a-174-18(f) RCSA §22a-174-19(f) RCSA §22a-174-20(n), (aa)
EU-73	Cold Forming Machine, ACT 4 Constructed after 1990 Maximum Capacity of 208 gpy	Oil Mist Eliminator	RCSA §22a-174-20(f)
EU-76	Cold Former Machine MAC 2 Constructed after 1990 Maximum Capacity of 208 gpy	Oil Mist Eliminator	RCSA §22a-174-20(f)
EU-80	Grinder No. 0 Constructed 1978 Maximum Capacity of 562 gpy EcoCool Syn 96; 123 gpy Ferrocote 61A	Oil Mist Eliminator	RCSA §22a-174-20(f)
EU-81	Grinder No. 1 Constructed 1978 Maximum Capacity of 562 gpy EcoCool Syn 96; 123 gpy Ferrocote 61A	Oil Mist Eliminator	RCSA §22a-174-20(f)

Section II: Emissions Units Information

TABLE II.A: EMISSIONS UNITS DESCRIPTION			
Grouped Emissions Unit/ Emissions Unit	Emissions Unit Description	Control Unit Description	Permit, Order, Registration, or Regulation Number
EU-82	Grinder No. 2 Constructed 1978 Maximum Capacity of 562 gpy EcoCool Syn 96; 123 gpy Ferrocote 61A	Oil Mist Eliminator	RCSA §22a-174-20(f)
EU-83	Grinder No. 3 Constructed 1978 Maximum Capacity of 562 gpy EcoCool Syn 96; 123 gpy Ferrocote 61A	Oil Mist Eliminator	RCSA §22a-174-20(f)
EU-84	Grinder No. 4 Constructed 1978 Maximum Capacity of 562 gpy EcoCool Syn 96; 123 gpy Ferrocote 61A	Oil Mist Eliminator	RCSA §22a-174-20(f)
EU-85	Cold Forming Machine, MAC 1 Constructed 2005 Maximum Capacity of 208 gpy	Oil Mist Eliminator	RCSA §22a-174-20(f)
EU-86	Cold Forming Machine, FAT Track I Constructed 2005 Maximum Capacity of 208 gpy	Oil Mist Eliminator	RCSA §22a-174-20(f)
EU-87	Cold Forming Machine, FAT Track II Constructed 2007 Maximum Capacity of 208 gpy	Oil Mist Eliminator	RCSA §22a-174-20(f)
EU-88	Grinder No. 5 Constructed 1978 Maximum Capacity of 562 gpy EcoCool Syn 96; 123 gpy Ferrocote 61A	Oil Mist Eliminator	RCSA §22a-174-20(f)
EU-90	Hook Grinder No. 1 Constructed 2009 Maximum Capacity of 562 gpy EcoCool Syn 96; 123 gpy Ferrocote 61A	Oil Mist Eliminator	RCSA §22a-174-20(f)
EU-92	Hook Grinder No. 2 Constructed 2009 Maximum Capacity of 562 gpy EcoCool Syn 96; 123 gpy Ferrocote 61A	Oil Mist Eliminator	RCSA §22a-174-20(f)
EU-95	Cold Forming Machine, ACT 5 Constructed 2019 Maximum Capacity of 208 gpy	Oil Mist Eliminator	RCSA §22a-174-20(f)
EU-96	Grinder No. 6 Constructed 2019 Maximum Capacity of 562 gpy EcoCool Syn 96; 123 gpy Ferrocote 61A	Oil Mist Eliminator	RCSA §22a-174-20(f)
GEU-1	EU-13 through 16	As above	As above

Section II: Emissions Units Information

TABLE II.A: EMISSIONS UNITS DESCRIPTION			
Grouped Emissions Unit/ Emissions Unit	Emissions Unit Description	Control Unit Description	Permit, Order, Registration, or Regulation Number
GEU-2	EU-23 through 25	As above	As above
GEU-3	EU-39 and 40	As above	As above
GEU-4	EU-41 and 42	As above	As above
GEU-5	EU-70 through 72	As above	As above
GEU-6	EU-73, 76, 85 through 87, 95	As above	As above
GEU-7	EU-80 through 84, 88, 90, 92, 96	As above	As above
All applicable requirements for the following units are listed in the premises-wide requirements portion of this permit:			
EU-48	Lindberg Hardening & Tempering Line No. 1 (Furnace No. 7) Serial Nos. 23116 & 23117 Constructed prior to 1977 0.77 MMBtu/hr	None	None
EU-49	Lindberg Hardening & Tempering Line No. 2 (Furnace No. 6) Serial Nos. 21768 & 21769 Constructed prior to 1977 0.77 MMBtu/hr	None	None
EU-50	Lindberg Hardening & Tempering Line No. 3 (Furnace No. 4) Serial Nos. 23118 & 23119 Constructed prior to 1977 0.77 MMBtu/hr	None	None
EU-51	Lindberg Hardening & Tempering Line No. 4 (Furnace No. 3) Serial Nos. 23380 & 23381 Constructed prior to 1977 0.77 MMBtu/hr	None	None
EU-93	Trumpf Laser Carbide Application Constructed 2013 1,400 lb Carbide Base Powder/yr	Kemper Filter	None
EU-94	Cleaning Station Constructed 2013 585 gallons Simple Green/yr	None	None

Section II: Emissions Units Information

B. OPERATING SCENARIO IDENTIFICATION

The Permittee shall be allowed to operate under the following Standard Operating Scenarios (SOS) 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.

TABLE II.B: OPERATING SCENARIO IDENTIFICATION	
Emissions Units Associated with the SOS	Description of Scenario
EU-13, 14, 15, 16	Ink printing of tape measures using off-set printers; hand cleaning of printers.
EU-18	Cleaning of adhesive residue.
EU-23, 24, 25	Lamination of Mylar onto Tape Measures using Adhesive cured in Gas Fired Ovens.
EU-39, 40	Strictly firing of natural gas in the boilers.
EU-41, 42	Cracking of natural gas.
EU-47	Heat treating clean metal (i.e. solvent and lubricant free metal) with gas fired furnace.
EU-48, 49, 50, 51	Hardening and tempering of steel in furnaces fired by natural gas and hydrogen (cracked natural gas).
EU-69, 70, 71, 72	Rolling coating of metal tape measure coils with color (usually yellow & white) or clear coat.
EU-73, 76, 85, 86, 87, 95	Bending and shaping of metal parts with the use of lubricant/rust inhibitor and oil mist eliminator.
EU-80, 81, 82, 83, 84, 88, 90, 92, 96	Shaping of metal parts with use of lubricant and oil mist eliminator.

Section III: Applicable Requirements and Compliance Demonstration

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

A. GROUPED EMISSIONS UNIT 1 (GEU-1): (EU-13 THROUGH EU-16) OFF-SET PRINTERS

1. Ink

a. Limitation or Restriction

- i. The volatile fraction of each ink as it is applied to the substrate shall contain 25% or less VOC by volume and 75% or more water and exempt VOC by volume; or
- ii. Each ink as it is applied to the substrate shall contain at least 60% non-volatile materials, by volume, less water and exempt VOC. [RCSA §22a-174-(20)(v)(2)]

b. Monitoring Requirements

- i. The Permittee shall meet the record keeping requirements specified below to satisfy monitoring requirements in accordance with RCSA§22a-174-33. [RCSA §22a-174-33(j)(l)(K)(ii)]
- ii. For determining the volatile content of each ink, the Permittee shall use either Reference Method 24 or 24A as found at Appendix A of Title 40 Code of Federal Regulations Part 60. When determining the volatile fraction of a coating using American Society for Testing and Materials method D-2369, the bake time must be one (1) hour. [RCSA §22a-174-20(aa)(6)]

c. Record Keeping Requirements

The Permittee shall maintain daily records of all inks and diluents used. Such records shall be kept for each individual machine or operation. The following records shall be kept for at least two (2) years, commencing on the date such records were created. The records must contain the information required below. [RCSA §22a-174-20(aa)]

- i. description of the ink including the name and the density of the ink in pounds per gallon;
- ii. VOC content by weight;
- iii. water and exempt VOC content by weight;
- iv. non-volatile content by volume and by weight;
- v. amount of each ink used in gallons;
- vi. total amount of diluent used for each ink in pounds and in gallons.

B. EMISSIONS UNIT 18 (EU-18): ADHESIVE CLEANING TANK

1. VOC

a. Limitation or Restriction

The Permittee shall comply with operational requirements in 22a-174-20(1)(3) for each cold cleaning unit with an internal volume greater than 1 liter and using solvents containing greater than 5% VOC by

Section III: Applicable Requirements and Compliance Demonstration

weight. [RCSA §22a-174-20(1)(3)]

b. Operational Practices and Design Specifications

- i. Equip the cleaning device with a cover that is easily operated with one hand.
[RCSA §22a-174-20(1)(3)(A)]
- ii. Equip the cleaning device with an internal rack or equipment for draining cleaned parts so that parts are enclosed under the cover while draining. Such drainage rack or equipment may be external for applications where an internal type cannot fit into the cleaning system.
[RCSA §22a-174-20(1)(3)(B)]
- iii. Collect and store waste solvent in closed containers. Closed containers used for storing waste solvent may contain a device that allows pressure relief but does not allow liquid solvent to drain from the container. [RC SA §22a-174-20(1)(3)(C)]
- iv. Close the cover if parts are not being handled in the cleaner for two (2) minutes or more, or if the device is not in use. [RCSA §22a-174-20(1)(3)(D)]
- v. Drain the cleaned parts for at least 15 seconds or until dripping ceases, whichever is longer.
[RCSA §22a-174-20(1)(3)(E)]
- vi. If a degreasing solvent spray is used: [§22a-174-20(1)(3)(F)]
 - (A) supply a degreasing solvent spray that is a solid fluid stream (not a fine, atomized or shower type spray),
 - (B) maintain a solvent spray pressure that does not exceed ten (10) pounds per square inch as measured at the pump outlet, and
 - (C) perform spraying within the confines of the cold cleaning unit.
- vii. Minimize the drafts across the top of each cold cleaning unit such that whenever the cover is open the unit is not exposed to drafts greater than 40 meters per minute, as measured between one and two meters upwind, at the same elevation as the tank lip. [§22a-174-20(1)(3)(G)]
- viii. Do not operate the unit upon the occurrence of any visible solvent leak until such leak is repaired. Any leaked solvent or solvent spilled during transfer shall be cleaned immediately, and the wipe rags or other sorbent material used to clean the spilled or leaked solvent shall be immediately stored in covered containers for disposal or recycling. [§22a-174-20(1)(3)(H)]
- ix. Provide a permanent, conspicuous label on or posted near each unit summarizing the applicable operating requirements. [§22a-174-20(1)(3)(I)]
- x. Use only solvent that has a vapor pressure less than or equal to 1.0 mmHg at 20 degrees Celsius.
[§22a-174-20(1)(3)(K)]
- xi. Shall not clean sponges, fabric, wood, leather, paper and other absorbent material in the cold cleaning machine. [§22a-174-20(1)(3)(L)]

Section III: Applicable Requirements and Compliance Demonstration

c. Record Keeping Requirements

- i. The Permittee shall make and maintain the following records for the cold cleaning unit for a minimum of five (5) years after such records were created. [RCSA §22a-174-20(l)(3)(J)]
 - (A) The type of solvent used, including a description of the solvent and the solvent name,
 - (B) The vapor pressure of the solvent in mmHg measured at 20 degrees Celsius (68 degrees Fahrenheit),
 - (C) The percent VOC content by weight, and
 - (D) The amount of solvent added to each unit monthly.
- ii. The Permittee shall make and maintain records sufficient to demonstrate compliance with each of the operational practices and design specifications listed in Section III.B.1.b. above.

d. Reporting Requirements

The Permittee shall provide the records specified above to the commissioner within thirty (30) days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [§22a-174-4(d)(1)]

C. GROUPED EMISSIONS UNIT 2 (GEU-2): (EU-23 THROUGH EU-25) METAL COIL LAMINATORS, EACH WITH NATURAL GAS FIRED CURING OVEN

1. VOC

a. Limitation or Restriction

The Permittee shall limit the VOC content of each coating used to 0.31 kg/L of coating (2.6 lb/gal), excluding water and exempt VOCs, delivered to each coating applicator. [RCSA §22a-174-20(n)(2)]

b. Monitoring Requirements

- i. The Permittee shall monitor the amount of each coating delivered to each coating applicator on a daily basis. [RCSA §22a-174-33(j)(l)(K)]
- ii. The Permittee shall meet the record keeping requirements specified below to satisfy monitoring requirements in accordance with RCSA §22a-174-33. [RCSA §22a-174-33(j)(l)(K)(ii)]
- iii. For determining the volatile content of each coating, the Permittee shall use either Reference Method 24 or 24A as found at Appendix A of Title 40 Code of Federal Regulations Part 60. When determining the volatile fraction of a coating using American Society for Testing and Materials method D-2369, the bake time must be one (1) hour. [RCSA §22a-174-20(aa)(6)]

c. Record Keeping Requirements

The Permittee shall maintain daily records of all coatings and diluents used. Such records shall be kept for each individual machine or operation. The following records shall be kept for at least two (2) years,

Section III: Applicable Requirements and Compliance Demonstration

commencing on the date such records were created. The records must contain the information required below. [RCSA §22a-174-20(aa)]

- i. description of the coating including the coating name and the coating density in pounds per gallon;
- ii. VOC content by weight;
- iii. water and exempt VOC content by weight;
- iv. non-volatile content by volume and by weight;
- v. amount of each coating used in gallons;
- vi. total amount of diluent used for each coating in pounds and in gallons.

2. PM

a. *Limitation or Restriction*

The Permittee shall not cause or allow the emission of particulate matter into the ambient air in excess of the emission rate in lb/hr determined as a function of the process weight in accordance with 22a-174-18(f). [RCSA §22a-174-18(f)(2)]

b. *Monitoring Requirements*

The Permittee shall meet the record keeping requirements specified below to satisfy monitoring requirements in accordance with RCSA§22a-174-33. [RCSA §22a-174-33(j)(l)(K)(ii)]

c. *Record Keeping Requirements*

The Permittee shall make and maintain the following records for a minimum of five (5) years after such records were created. [RCSA §22a-174-33(o)(2)]

- i. Documentation demonstrating that the actual emissions of particulate cannot exceed the maximum allowable emission rate “E”, the lb/hr emission limit as determined by a function of the weight of materials entered into the unit. For units with a process weight rate of up to and including 60,000 pounds of materials per hour, the function shall be:

$$E = 3.59 \times P^{0.62}$$

For units with a process weight rate in excess of 60,000 pounds of materials per hour, the function shall be:

$$E = 17.31 \times P^{0.16}$$

where: P = Process weight rate in tons per hour

E = Maximum allowable emission rate in lb/hr

[RCSA §22a-174-18(f)]

- ii. Documentation in support of any assumptions or data used as a basis for the demonstration shall also be maintained. [RCSA §22a-174-33(o)(2)]

Section III: Applicable Requirements and Compliance Demonstration

d. Reporting Requirements

The Permittee shall provide the records specified above to the commissioner within thirty (30) days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

3. SOx

a. Limitation or Restriction

The Permittee shall not emit sulfur compounds, expressed as sulfur dioxide, in the stack effluent in concentrations that exceed 500 parts per million at standard temperature and pressure. [RCSA §22a-174-19(f)]

b. Monitoring Requirements

The Permittee shall meet the record keeping requirements specified below to satisfy monitoring requirements in accordance with RCSA §22a-174-33. [RCSA §22a-174-33(j)(l)(K)(ii)]

c. Record Keeping Requirements

The Permittee shall make and maintain the following records for a minimum of five (5) years after such records were created. [RCSA §22a-174-33(o)(2)]

- i. Documentation demonstrating that the actual emissions of sulfur oxides cannot exceed the specified limit. Documentation in support of any assumptions or data used as a basis for the demonstration shall also be maintained. [RCSA §22a-174-33(o)(2)]

d. Reporting Requirements

The Permittee shall provide the records specified above to the commissioner within thirty (30) days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

D. GROUPED EMISSIONS UNIT 3 (GEU-3): (EU-39 and EU-40) IBW BOILERS

1. Opacity

a. Limitation or Restriction

The Permittee shall not exceed the following visible emissions limits: [RCSA §22a-174-18(b)(1)]

- i. twenty percent (20%) opacity during any six-minute block average as measured by 40 CFR 60, Appendix A, reference method 9; or
- ii. forty percent (40%) opacity as measured by 40 CFR 60, Appendix A, reference method 9, reduced to a one-minute block average.

b. Monitoring Requirements

Section III: Applicable Requirements and Compliance Demonstration

The Permittee shall meet the record keeping requirements specified below to satisfy monitoring requirements in accordance with RCSA §22a-174-33. [RCSA §22a-174-33(j)(l)(K)(ii)]

c. Record Keeping Requirements

The Permittee shall make and maintain records of visible emissions for a minimum of five (5) years after such records were created. [RCSA §22a-174-33(o)(2)]

d. Reporting Requirements

The Permittee shall provide the records specified above to the commissioner within thirty (30) days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

2. PM

a. Limitation or Restriction

The Permittee shall emit no more than 0.10 lb of PM per MMBtu of heat input of natural gas fuel. [RCSA §22a-174-18(e)(1)]

b. Monitoring Requirements

The Permittee shall meet the record keeping requirements specified below to satisfy monitoring requirements in accordance with RCSA §22a-174-33. [RCSA §22a-174-33(j)(l)(K)(ii)]

c. Record Keeping Requirements

The Permittee shall make and maintain records of pounds of PM per MMBtu of heat input of natural gas fuel for a minimum of five (5) years after such records were created. [RCSA §22a-174-33(o)(2)]

d. Reporting Requirements

The Permittee shall provide the records specified above to the commissioner within thirty (30) days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

3. NSPS Subpart Dc—Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units

a. Operation and Maintenance

The Permittee shall tune up each unit on an annual basis and shall maintain and operate the unit in accordance with manufacturer recommendations. [40 CFR 60.11(d)]

b. Monitoring Requirements

i. The Permittee shall use fuel metering devices to continuously monitor the quantity of fuel fed to each of these units. [RCSA §22a-174-33(j)(l)(K)(ii)]

ii. The Permittee shall meet the record keeping requirements specified below to satisfy monitoring

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requirements in accordance with RCSA §22a-174-33. [RCSA §22a-174-33(j)(1)(K)(ii)]

c. Record Keeping Requirements

- i. The Permittee shall make and maintain the following records for a minimum of five (5) years after such records were created. [RCSA §22a-174-33(o)(2)]

(A) Documentation of the amount of each fuel combusted in each unit each day.
[40 CFR 60.48c(g)(1)]

(B) Calculations, for each unit, of the actual mass of each pollutant emitted for each month shall be made each month. Calculations, for each unit, of the actual mass of each pollutant emitted for each consecutive twelve months shall be made each month. Documentation in support of any assumptions or data used in these calculations shall also be maintained.

(C) Documentation of all calculations, parameters, and data, relevant to the emission factors used to determine the emission rates for said pollutant from each unit.

- ii. The Permittee shall make and maintain the following records for the life of the equipment:
[RCSA §22a-174-33(o)(2)]

(A) Documentation of all tune-ups, repairs, replacement of parts and other maintenance conducted on these units.

(B) Documentation of all written recommendations and specifications available from the manufacturer related to these units.

(C) Certification that, to the extent practicable, each unit is operated in accordance with the recommendations and specifications of the manufacturer.

d. Reporting Requirements

- i. The Permittee shall submit all required reports that are consistent with the requirements of 40 CFR 60.48c to the Administrator by the 30th day following the end of each six month period.
[40 CFR 60.48c(j)]

- ii. The Permittee shall submit written monitoring reports to the commissioner by March 1 and September 1 of each year in accordance with Section VI.E of this Title V permit.

- iii. The Permittee shall provide the records specified above to the commissioner within thirty (30) days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

E. GROUPED EMISSIONS UNIT 4 (GEU-4): (EU-41 and EU-42) LINDBERG NATURAL GAS CRACKING UNITS

1. SO_x

a. Limitation or Restriction

The Permittee shall not emit sulfur compounds, expressed as sulfur dioxide, in the stack effluent in

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concentrations that exceed 500 parts per million at standard temperature and pressure. [RCSA §22a-174-19(f)]

b. Monitoring Requirements

The Permittee shall meet the record keeping requirements specified below to satisfy monitoring requirements in accordance with RCSA§22a-174-33. [RCSA §22a-174-33(j)(l)(K)(ii)]

c. Record Keeping Requirements

The Permittee shall make and maintain the following records for a minimum of five (5) years after such records were created. [RCSA §22a-174-33(o)(2)]

- i. Documentation demonstrating that the actual emissions of sulfur oxides cannot exceed the specified limit.
- ii. Documentation in support of any assumptions or data used as a basis for the demonstration shall also be maintained. [RCSA §22a-174-33(j)(l)(K)(ii)]

d. Reporting Requirements

The Permittee shall provide the records specified above to the commissioner within thirty (30) days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

F. EMISSIONS UNIT 47: (EU-47) HEAT TREAT LINE WITH PRE-HEAT BURN OFF (FURNACE No. 95)

1. Opacity

a. Limitation or Restriction

The Permittee shall not exceed the following visible emissions limits: [RCSA §22a-174-18(b)(1)]

- i. twenty percent (20%) opacity during any six-minute block average as measured by 40 CFR 60, Appendix A, reference method 9; or
- ii. forty percent (40%) opacity as measured by 40 CFR 60, Appendix A, reference method 9, reduced to a one-minute block average.

b. Monitoring Requirements

The Permittee shall meet the record keeping requirements specified below to satisfy monitoring requirements in accordance with RCSA§22a-174-33. [RCSA §22a-174-33(j)(l)(K)(ii)]

c. Record Keeping Requirements

The Permittee shall make and maintain records of visible emissions for a minimum of five (5) years after such records were created. [RCSA §22a-174-33(o)(2)]

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d. Reporting Requirements

The Permittee shall provide the records specified above to the commissioner within thirty (30) days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

2. SOx

a. Limitation or Restriction

The Permittee shall not emit sulfur compounds, expressed as sulfur dioxide, in the stack effluent in concentrations that exceed 500 parts per million at standard temperature and pressure. [RCSA §22a-174-19(f)]

b. Monitoring Requirements

The Permittee shall meet the record keeping requirements specified below to satisfy monitoring requirements in accordance with RCSA§22a-174-33. [RCSA §22a-174-33(j)(l)(K)(ii)]

c. Record Keeping Requirements

The Permittee shall make and maintain the following records for a minimum of five (5) years after such records were created. [RCSA §22a-174-33(o)(2)]

- i. Documentation demonstrating that the actual emissions of sulfur oxides cannot exceed the specified limit.
- ii. Documentation in support of any assumptions or data used as a basis for the demonstration shall also be maintained. [RCSA §22a-174-33(j)(l)(K)(ii)]

d. Reporting Requirements

The Permittee shall provide the records specified above to the commissioner within thirty (30) days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

G. EMISSIONS UNIT 69 (EU-69): COIL COATING LINE WITH CURING OVENS (GAS FIRED)

1. VOC

a. Limitation or Restriction

The Permittee shall limit VOC content in any coating to 0.31 kg/L of coating (2.6 lb/gal), excluding water and exempt VOC, delivered to each coating applicator. [RCSA §22a-174-20(n)(2)]

b. Monitoring Requirements

- i. The Permittee shall monitor the amount of each coating delivered to each coating applicator on a daily basis. [RCSA §22a-174-33(j)(l)(K)]
- ii. For determining the volatile content of each coating, the Permittee shall use either Reference Method

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24 or 24A as found at Appendix A of Title 40 Code of Federal Regulations Part 60. When determining the volatile fraction of a coating using American Society for Testing and Materials method D-2369, the bake time must be one (1) hour. [RCSA §22a-174-20(aa)(6)]

c. Record Keeping Requirements

The Permittee shall maintain daily records of all coatings and diluents used. Such records shall be kept for each individual machine, operation or coating line. The following records shall be kept for at least two (2) years, commencing on the date such records were created. The records must contain the information required below. [RCSA §22a-174-20(aa)]

- i. description of the coating including the coating name and the coating density in pounds per gallon;
- ii. VOC content by weight;
- iii. water and exempt VOC content by weight;
- iv. non-volatile content by volume and by weight;
- v. amount of each coating used in gallons;
- vi. total amount of diluent used for each coating in pounds and in gallons.

d. Reporting Requirements

The Permittee shall provide the records specified above to the commissioner within thirty (30) days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

2. PM

a. Limitation or Restriction

The Permittee shall determine the maximum allowable emission rate in lb/hr as a function of the process weight in accordance with 22a-174-18(f). [RCSA §22a-174-18(f)]

b. Monitoring Requirements

The Permittee shall meet the record keeping requirements specified below to satisfy monitoring requirements in accordance with RCSA§22a-174-33. [RCSA §22a-174-33(j)(1)(K)(ii)]

c. Record Keeping Requirements

The Permittee shall make and maintain the following records for a minimum of five (5) years after such records were created. [RCSA §22a-174-33(o)(2)]

- i. Documentation demonstrating that the actual emissions of particulate cannot exceed the maximum allowable emission rate “E”, the lb/hr emission limit as determined by a function of the weight of materials entered into the unit. For units with a process weight rate of up to and including 60,000 pounds of materials per hour, the function shall be:

$$E = 3.59 \times P^{0.62}$$

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For units with a process weight rate in excess of 60,000 pounds of materials per hour, the function shall be:

$$E = 17.31 \times P^{0.16}$$

where: P = Process weight rate in tons per hour

E = Maximum allowable emission rate in lb/hr

[RCSA §22a-174-18(f)]

- ii. Documentation in support of any assumptions or data used as a basis for the demonstration shall also be maintained. [RCSA §22a-174-33(o)(2)]

d. Reporting Requirements

The Permittee shall provide the records specified above to the commissioner within thirty (30) days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

3. SO_x

a. Limitation or Restriction

The Permittee shall not emit sulfur compounds, expressed as sulfur dioxide, in the stack effluent in concentrations that exceed 500 parts per million at standard temperature and pressure. [RCSA §22a-174-19(f)]

b. Monitoring Requirements

The Permittee shall meet the record keeping requirements specified below to satisfy monitoring requirements in accordance with RCSA §22a-174-33. [RCSA §22a-174-33(j)(l)(K)(ii)]

c. Record Keeping Requirements

Documentation demonstrating that the actual emissions of sulfur oxides cannot exceed the specified limit. Documentation in support of any assumptions or data used as a basis for the demonstration shall also be maintained.

d. Reporting Requirements

The Permittee shall provide the records specified above to the commissioner within thirty (30) days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

H. GROUPED EMISSIONS UNIT 5 (GEU-5): (EU-70 THROUGH EU-72) COIL COATING LINES WITH CURING OVENS (INFRARED)

1. VOC

a. Limitation or Restriction

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- i. The Permittee shall limit VOC content in any coating to 0.31 kg/L of coating (2.6 lb/gal), excluding water and exempt VOC, delivered to each coating applicator. [RCSA §22a-174-20(n)(2)]
- ii. The Permittee shall not emit VOC from each emissions unit in excess of 21.0 tons over twelve consecutive months. [NSR Permits 110-0012, 110-0013, and 110-0019]

b. Monitoring Requirements

The Permittee shall monitor the amount of each coating delivered to each coating applicator on a daily basis. [RCSA §22a-174-33(j)(1)(K)]

c. Record Keeping Requirements

- i. The Permittee shall make and maintain the following records for a minimum of two (2) years after such records were created. [NSR Permits 110-0012, 110-0013, and 110-0019]
 - (A) Documentation of all records of coatings delivered to each coating applicator. Such records shall be accompanied by a description of the coating to include, at a minimum: the MSDS or technical data from the manufacturer; the amount of each coating used in gallons; the percent by weight of VOC in the coating; the density of the coating as pounds per gallon; the percent by weight of solids in the coating and the total amount of diluent used for each coating in pounds and in gallons.
 - (B) Documentation of all calculations, parameters, and data, including source test data, relevant to the emission factors used to determine the emission rate for said pollutant from this unit.
 - (C) Documentation of the name, type and quantity of any non-water solvent that is used in the cleaning of any equipment associated with this unit shall be made for each day.
 - (D) Documentation of the name, type and quantity of any non-water solvent that is spilled, evaporated, or manifested as waste material shall be made for each day.
 - (E) Calculations of the actual pollutant mass emissions from this unit shall be made for each month and rolling twelve months. Such calculations shall use emissions factors which are not less than those most recently determined through Department approved source testing of this source where such factors are available. Documentation in support of any assumptions or data used in these calculations shall also be maintained.
- ii. The Permittee shall maintain daily records of all coatings and diluents used. Such records shall be kept for each individual machine, operation or coating line. The following records shall be kept for at least two (2) years, commencing on the date such records were created. The records must contain the information required below. [RCSA §22a-174-20(aa)]
 - (A) description of the coating including the coating name and the coating density in pounds per gallon;
 - (B) VOC content by weight;
 - (C) water and exempt VOC content by weight;
 - (D) non-volatile content by volume and by weight;

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(E) amount of each coating used in gallons;

(F) total amount of diluent used for each coating in pounds and in gallons.

d. Reporting Requirements

- i. The Permittee shall review all recorded data daily and report to the commissioner within three working days the details of: any exceedance of an emission limit; any apparent deviations from any conditions of this permit; any apparent deviation from normal operation; and while adjusting for load, any apparent deviation from operation during an approved compliant emissions test. [NSR Permits 110-0012, 110-0013, and 110-0019]
- ii. The Permittee shall provide the records specified above to the commissioner within thirty (30) days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

2. PM

a. Limitation or Restriction

The Permittee shall determine the maximum allowable emission rate in lb/hr as a function of the process weight in accordance with 22a-174-18(f). [RCSA §22a-174-18(f)]

b. Monitoring Requirements

The Permittee shall meet the record keeping requirements specified below to satisfy monitoring requirements in accordance with RCSA §22a-174-33. [RCSA §22a-174-33(j)(l)(K)(ii)]

c. Record Keeping Requirements

The Permittee shall make and maintain the following records for a minimum of five (5) years after such records were created. [RCSA §22a-174-33(o)(2)]

- i. Documentation demonstrating that the actual emissions of particulate cannot exceed the maximum allowable emission rate “E”, the lb/hr emission limit as determined by a function of the weight of materials entered into the unit. For units with a process weight rate of up to and including 60,000 pounds of materials per hour, the function shall be:

$$E = 3.59 \times P^{0.62}$$

For units with a process weight rate in excess of 60,000 pounds of materials per hour, the function shall be:

$$E = 17.31 \times P^{0.16}$$

where: P = Process weight rate in tons per hour

E = Maximum allowable emission rate in lb/hr

[RCSA §22a-174-18(f)]

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- ii. Documentation in support of any assumptions or data used as a basis for the demonstration shall also be maintained. [RCSA §22a-174-33(o)(2)]

d. Reporting Requirements

The Permittee shall provide the records specified above to the commissioner within thirty (30) days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

3. SO_x

a. Limitation or Restriction

The Permittee shall not emit sulfur compounds, expressed as sulfur dioxide, in the stack effluent in concentrations that exceed 500 parts per million at standard temperature and pressure. [RCSA §22a-174-19(f)]

b. Monitoring Requirements

The Permittee shall meet the record keeping requirements specified below to satisfy monitoring requirements in accordance with RCSA§22a-174-33. [RCSA §22a-174-33(j)(l)(K)(ii)]

c. Record Keeping Requirements

Documentation demonstrating that the actual emissions of sulfur oxides cannot exceed the specified limit. Documentation in support of any assumptions or data used as a basis for the demonstration shall also be maintained.

d. Reporting Requirements

The Permittee shall provide the records specified above to the commissioner within thirty (30) days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

4. HAPs

a. Limitation or Restriction

The Permittee shall not cause EU-70 through EU-72 to exceed the maximum allowable stack concentration (MASC) for any pollutant listed in RCSA §22a-174-29. [NSR Permits 110-0012, 110-0013, and 110-0019]

b. Monitoring Requirements

The Permittee shall meet the record keeping requirements specified below to satisfy monitoring requirements in accordance with RCSA§22a-174-33. [RCSA §22a-174-33(j)(l)(K)(ii)]

c. Record Keeping Requirements

The Permittee shall make and maintain the following records for a minimum of five (5) years after such records were created. [RCSA §22a-174-33(o)(2)]

Section III: Applicable Requirements and Compliance Demonstration

- i. Calculations of the maximum actual stack concentrations of each pollutant listed in RCSA §22a-174-29 which is emitted from these units shall be made for the required time periods. Documentation in support of any assumptions or data used in these calculations shall also be maintained.

d. Reporting Requirements

The Permittee shall provide the records specified above to the commissioner within thirty (30) days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

5. Metal Thickness

a. Limitation or Restriction

The Permittee shall not process metal strip with a thickness of 0.15 mm (0.006 in.) or more. [NSR Permits 110-0012, 110-0013, and 110-0019]

b. Monitoring Requirements

The Permittee shall meet the record keeping requirements specified below to satisfy monitoring requirements in accordance with RCSA §22a-174-33. [RCSA §22a-174-33(j)(1)(K)(ii)]

c. Record Keeping Requirements

The Permittee shall make and maintain the following records for a minimum of five (5) years after such records were created. [RCSA §22a-174-33(o)(2)]

- i. Documentation of the actual thickness of the metal which is processed through each unit.

d. Reporting Requirements

The Permittee shall provide the records specified above to the commissioner within thirty (30) days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

I. GROUPED EMISSIONS UNIT 6 (GEU-6): (EU-73, EU-76, EU-85 THROUGH EU-87, EU-95) COLD METAL FORMING MACHINES

1. Organic Materials

a. Limitation or Restriction

The Permittee shall limit emissions of organic materials to no more than 160 lb/hr and 800 lb/day. [RCSA §22a-174-20(f)(4)]

b. Monitoring Requirements

The Permittee shall monitor and record the weight and type of all organic containing materials used with each of these units. [RCSA §22a-174-33(j)(1)(K)]

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c. Record Keeping Requirements

The Permittee shall make and maintain the following records for a minimum of five (5) years after such records were created. [RCSA §22a-174-33(o)(2)]

- i. Documentation of organic containing materials used with each unit. [§22a-174-33(j)(1)(K)]
- ii. Calculations of the emissions of organic materials from each unit shall be made with sufficient frequency to assure compliance with hourly emission limits. For any day where the total daily emissions from the unit are less than the applicable hourly emission limit then no hourly calculations are required for such day. For any month where the total monthly emissions from the unit are less than the applicable daily emission limit then no daily calculations are required for such month. Documentation in support of any assumptions or data used in these calculations shall also be maintained. [§22a-174-33(j)(1)(K)]

d. Reporting Requirements

- i. The Permittee shall submit all required reports in accordance with Sections VI.E of this Title V permit.
- ii. The Permittee shall provide the records specified above to the commissioner within thirty (30) days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

J. GROUPED EMISSIONS UNIT 7 (GEU-7): (EU-80 THROUGH EU-84, EU-88, EU-90, EU-92, EU-96) KNIFE TRIM BLADES

1. Organic Materials

a. Limitation or Restriction

The Permittee shall limit emissions of organic materials to no more than 160 lb/hr and 800 lb/day. [RCSA §22a-174-20(f)(4)]

b. Monitoring Requirements

The Permittee shall monitor and record the weight and type of all organic containing materials used with each of these units. [RCSA §22a-174-33(j)(1)(K)]

c. Record Keeping Requirements

The Permittee shall make and maintain the following records for a minimum of five (5) years after such records were created. [RCSA §22a-174-33(o)(2)]

- i. Documentation of all records of organic containing materials used with each unit. [§22a-174-33(j)(1)(K)]
- ii. Calculations of the emissions of organic materials from each unit shall be made with sufficient frequency to assure compliance with hourly emission limits. For any day where the total daily

Section III: Applicable Requirements and Compliance Demonstration

emissions from the unit are less than the applicable hourly emission limit then no hourly calculations are required for such day. For any month where the total monthly emissions from the unit are less than the applicable daily emission limit then no daily calculations are required for such month. Documentation in support of any assumptions or data used in these calculations shall also be maintained. [§22a-174-33(j)(1)(K)]

d. Reporting Requirements

- i. The Permittee shall submit all required reports in accordance with Sections VI.E of this Title V permit.
- ii. The Permittee shall provide the records specified above to the commissioner within thirty (30) days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

K. 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 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

Section III: Applicable Requirements and Compliance Demonstration

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 Dioxide Emissions:** The Permittee shall comply with the requirements for Control of Sulfur Dioxide Emissions from Power Plants and other large stationary sources of air pollution as set forth in RCSA §22a-174-19a.
16. **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.
17. **Organic Compound Emissions:** The Permittee shall comply with the requirements for control of organic compound emissions as set forth in RCSA §22a-174-20.
18. **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.
19. **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).
20. **Open Burning:** The Permittee is prohibited from conducting open burning, except as may be allowed by CGS §22a-174(f).
21. **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.
22. **Emission Fees:** The Permittee shall pay an emission fee as set forth in RCSA §22a-174-26(d).

Section IV: Compliance Schedule

Section IV: Compliance Schedule
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.

Section V: State Enforceable Terms and Conditions

- 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.
- G.** The Permittee shall comply with the requirements for Architectural and Industrial Maintenance Coatings as set forth in RCSA §22a-174-41.

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: Compliance Analysis and Coordination Unit, 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: : Director, Enforcement and Compliance Assurance Division, U.S. EPA Region I, 5 Post Office Square, Suite 100 (Mailcode: 04-02), Boston, Massachusetts 02109-3912, Attn: Air Compliance 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.

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

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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.

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

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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.

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.

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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.

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).

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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.

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.