

TABLE OF CONTENTS

	PAGE
List of Abbreviations/Acronyms	4
Section I. Premises Information/Description	
A. Premises Information.....	5
B. Premises Description.....	5
Section II. Emissions Units Information	
A. Emissions Units Description - Table II.A.....	6
B. Operating Scenario Identification - Table II.B	6
Section III. Applicable Requirements and Compliance Demonstration	
A. Grouped Emissions Unit 001	7
B. Premises-Wide General Requirements	21
Section IV. Compliance Schedule - Table IV	23
Section V. State Enforceable Terms and Conditions	24
Section VI. Title V Requirements	
A. Submittals to the Commissioner & Administrator.....	26
B. Certifications [RCSA §22a-174-33(b)].....	26
C. Signatory Responsibility [RCSA §22a-174-2a(a)]	26
D. Additional Information [RCSA §§22a-174-33(j)(1)(X), -33(h)(2)].....	27
E. Monitoring Reports [RCSA §22a-174-33(o)(1)]	27
F. Premises Records [RCSA §22a-174-33(o)(2)]	27
G. Progress Reports [RCSA §22a-174-33(q)(1)].....	28
H. Compliance Certifications [RCSA §22a-174-33(q)(2)].....	28
I. Permit Deviation Notifications [RCSA §22a-174-33(p)]	28
J. Permit Renewal [RCSA §22a-174-33(j)(1)(B)].....	28
K. Operate in Compliance [RCSA §22a-174-33(j)(1)(C)]	29
L. Compliance with Permit [RCSA §22a-174-33(j)(1)(G)]	29
M. Inspection to Determine Compliance [RCSA §22a-174-33(j)(1)(M)].....	29
N. Permit Availability.....	29
O. Severability Clause [RCSA §22a-174-33(j)(1)(R)]	29
P. Need to Halt or Reduce Activity [RCSA §22a-174-33(j)(1)(T)]	29
Q. Permit Requirements [RCSA §22a-174-33(j)(1)(V)]	29
R. Property Rights [RCSA §22a-174-33(j)(1)(W)]	29
S. Alternative Operating Scenario Records [RCSA §22a-174-33(o)(3)].....	30
T. Operational Flexibility and Off-Permit Changes [RCSA §22a-174-33(r)(2)]	30
U. Information for Notification [RCSA §22a-174-33(r)(2)(A)].....	30
V. Transfers [RCSA §22a-174-2a(g)]	30
W. Revocation [RCSA §22a-174-2a(h)]	30
X. Reopening for Cause [RCSA §22a-174-33(s)]	31
Y. Credible Evidence.....	31

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>
AOS	Alternative Operating Scenario
CFR	Code of Federal Regulations
CGS	Connecticut General Statutes
CPMS	Continuous Parameter Monitoring System
EPA	Environmental Protection Agency
gal	Gallons
GEU	Grouped Emissions Unit
HAP	Hazardous Air Pollutant
kg	Kilogram
L	Liter
lb	Pound
NESHAP	National Emission Standards for Hazardous Air Pollutants
NSR	New Source Review
RCSA	Regulations of Connecticut State Agencies
SIC	Standard Industrial Classification Code
SOS	Standard Operating Scenario
VOC	Volatile Organic Compound

Section I: Premises Information/Description

A. PREMISES INFORMATION

Nature of Business: Magnet wire coating facility

Primary SIC: 3357

Facility Mailing Address: The Bridgeport Insulated Wire Company
P.O. Box 5217
Bridgeport, CT 06610

Telephone Number: (203) 333-3191

B. PREMISES DESCRIPTION

The Bridgeport Insulated Wire Company operates a magnet wire-coating facility. The wire coating process consists of non-ferrous (primarily copper) rod or wire that is drawn, annealed, and coated with insulating enamel. The facility includes a wire drawing process that does not have any emissions, a gas fired annealing oven, 12 wire coaters with gas fired ovens and catalytic oxidation units that comprise the wire coating line, and 14 space heating units.

In the drawing process, the wire is drawn through dies using a water based lubricant/coolant to bring it to the appropriate diameter and then wound up on spools. The wire is then annealed to restore the wire's flexibility in a single gas fired annealing oven. The annealing process has air emissions only from the gas fired burner used to heat the wire. After annealing, the wire is coated with insulating enamel and cured in an integral curing oven. A small amount of a lubricant (slip oil) is applied to the wire as it is wound up after curing. The curing ovens are gas fired and are equipped with catalytic oxidation units in the exhaust to oxidize Volatile Organic Compounds (VOCs).

The Bridgeport Insulated Wire Company is a Title V source because potential emissions exceed the major source threshold for the following pollutants: VOC and aggregate Hazardous Air Pollutants (HAPs).

The wire coaters (GEU-001) are subject to the Metal Surface Coating MACT (40 CFR 63, Subpart MMMM) because on the first compliance date the facility was a major source of HAPs. The facility is subject to the MACT rule and Title V under EPA's Once In Always In policy.

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, Orders, Registrations, or Regulations into this Title V permit.

TABLE II.A: EMISSIONS UNITS DESCRIPTION			
Grouped Emissions Unit	Emissions Unit Description	Control Unit Description	Permit, Order, Registration, or Regulation Number
GEU-001	12-Wire Coaters with Gas Fired Ovens Maximum Rated Capacity: 2.7 MMBTU/hr Installation Date: Before 1970 Maximum Rated Capacity: 500 lb/hr	12-Catalytic Oxidizers	Order No. 8255

B. OPERATING SCENARIO IDENTIFICATION

The Permittee shall be allowed to operate under the following Standard Operating Scenarios (SOS) and Alternative Operating Scenarios (AOS) without notifying the commissioner, provided that such operations are explicitly provided for and described in Table II.B.

TABLE II.B: OPERATING SCENARIO IDENTIFICATION		
Identification of Operating Scenario	Emissions Units Associated with the Scenario	Description of Scenario
SOS	GEU-001	12-Wire Coaters with Gas Fired Ovens and Catalytic Oxidizers complying separately with each subcategory emission limit; general use and magnet wire coatings [40 CFR §63.3890(b)(1) and (3)]
AOS	GEU-001	12-Wire Coaters with Gas Fired Ovens and Catalytic Oxidizers complying with a facility specific emission limit [40 CFR §63.3890(c)(2)]

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. GEU-001 (12-Wire Coater with Gas Fired Ovens and Catalytic Oxidizers)

1. VOC [SOS/AOS]

a. Limitation or Restriction

- i. The Permittee shall not, during any one day, dispose of more than one and one-half gallons (5.7 liters) of any volatile organic compound or of any material containing more than one and one-half gallons (5.7 liters) of any volatile organic compound by any means which will permit the evaporation of such solvent into the atmosphere. [RCSA §22a-174-20(j)]
- ii. The Permittee shall not cause or permit the discharge into the atmosphere of any VOC from any coating in excess of 1.7 pounds per gallon (0.20 kilograms per liter) of coating, excluding water and exempt VOC listed in 40 CFR §51.100(s) as amended from time to time, delivered to the coating applicator from wire coating operations. [RCSA §22a-174-20(r)(2)]
- iii. The catalytic oxidizer shall have a minimum overall reduction of VOC of at least 95 percent. [RCSA §22a-174-20(bb)(3)(A)]

b. Monitoring Requirements

- i. The Permittee shall determine the removal efficiency of the control device by using reference methods 18, 25, 25A or 25B as found at Appendix A of 40 CFR Part 60. The Permittee shall determine capture efficiency using a test method recommended or approved by the administrator. [RCSA §22a-174-20(aa)(7)]
- ii. The Permittee shall continuously monitor and record the exhaust gas temperature and the temperature rise across the catalyst bed. [RCSA §22a-174-20(aa)(8)(B)]
- iii. The Permittee shall perform a stack test to determine VOC emissions and the thermal oxidizer's destruction efficiency at least once during each five years from the date of the last test. Stack emission tests will determine compliance with the emissions limits stated in this Title V Permit. [RCSA §22a-174-3a(e)(1)]

c. Record Keeping Requirements

- i. The Permittee shall maintain records of the most recent Bureau approved stack test results for this equipment. [RCSA §§22a-174-33(j)(1)(K)(iii) and -33(o)(2)]
- ii. The Permittee shall keep daily records of all coatings and diluents used, such records shall include:
[RCSA §22a-174-20(aa)(1)]
 - (A) Description of coating/diluent, including name and density (lb/gal);
 - (B) Volatile organic compound content by weight (lb VOC/gal) as determined by RCSA §22a-174-20(aa)(6)

Section III: Applicable Requirements and Compliance Demonstration

- (C) Water and exempt VOC content by weight;
 - (D) Non-volatile content by volume and weight;
 - (E) Amount of each coating used (gal); and
 - (F) Total amount of diluent used for each coating (lb and gallons).
- iii. The Permittee shall record the date of each change of the catalyst in the bed of the catalytic oxidizer. [RCSA §22a-174-20(aa)(9)]
 - iv. The Permittee shall keep daily records of the volume and type of VOC disposed and means of disposal. [RCSA §22a-174-33(j)(1)(K)(iii)]

d. Reporting Requirements

The Permittee shall prepare and submit a stack test report for each stack test conducted. The test report shall clearly describe all relevant parameters as they occurred during the test. Such parameters shall include, but not be limited to: those parameters required to be measured or monitored by this Title V Permit, those parameters relevant to characterize the type and quantity of materials charged and processed during the test. [RCSA §22a-174-4(d)(1)]

2. Organic HAP-General Use and Magnet Wire Coatings [SOS]

a. Limitation or Restriction

- i. The Permittee shall limit organic HAP emissions from general use coatings to no more than 2.6 lb (0.31 kg) organic HAP per gal (L) coating solids used during each 12-month compliance period. The coating operation(s) shall be in compliance with this emission limit at all times except during periods of startup, shutdown, and malfunction. [40 CFR §63.3890(b)(1) and 40 CFR §63.3900(a)(2)(i)]
- ii. The Permittee shall limit organic HAP emissions from magnet wire coatings to no more than 1.0 lb (0.12 kg) organic HAP per gal (L) coating solids used during each 12-month compliance period (i.e. consecutive 12-month period). The coating operation(s) shall be in compliance with this emission limit at all times except during periods of startup, shutdown, and malfunction. [40 CFR §63.3890(b)(3) and 40 CFR §63.3900(a)(2)(i)]
- iii. The Permittee shall always operate and maintain the affected source, including all air pollution control and monitoring equipment, according to the provisions in 40 CFR §63.6(e)(1)(i). [40 CFR §63.3900(b)]

b. Monitoring Requirements

- i. The Permittee shall conduct testing in accordance with 40 CFR §63.3960(c). [40 CFR §63.3960(c)]
- ii. The Permittee shall conduct each performance test required by 40 CFR §63.3960 according to the requirements in 40 CFR §63.7(e)(1) and under the following conditions unless a waiver of the performance test according to the provisions in 40 CFR §63.7(h) is obtained: [40 CFR §63.3964(a)]

Section III: Applicable Requirements and Compliance Demonstration

- (A) The Permittee shall conduct the performance test under representative operating conditions for the coating operating conditions for the coating operation. Operations during periods of startup, shutdown, or malfunction and during periods of non-operation do not constitute representative conditions. The Permittee shall record the process information that is necessary to document operating conditions during the test and explain why the conditions represent normal operation. [40 CFR §63.3964(a)(1)]
- (B) The Permittee shall conduct the performance test when the emission capture system and add-on control device are operating at a representative flow rate, and the add-on control device is operating at a representative inlet concentration. The Permittee shall record information that is necessary to document emission capture system and add-on control device operating conditions during the test and explain why the conditions represent normal operation. [40 CFR §63.3964(a)(2)]
- iii. The Permittee shall conduct each performance test of an add-on control device according to the requirements in 40 CFR §63.3966. [40 CFR §63.3964(b)]
- iv. The Permittee shall install, operate, and maintain each CPMS specified in 40 CFR §63.3968(a). [40 CFR §63.3968(a)]
- c. *Record Keeping Requirements*
 - i. The Permittee shall make and keep a record of the dates operating under the General Use and Magnet Wire Coating limits. [RCSA §22a-174-33(j)(1)(K)(ii)]
 - ii. The Permittee shall develop a written startup, shutdown, and malfunction plan according to the provisions in 40 CFR §63.6(e)(3). The plan shall address the startup, shutdown, and corrective actions in the event of a malfunction of the emission capture system or the add-on control device. The plan shall also address any coating operation equipment that may cause increased emission or that would affect capture efficiency, if the process equipment malfunctions, such as conveyors that move parts among enclosures. [40 CFR §63.3900(c)]
 - iii. The Permittee shall collect and keep records of the data and information listed below. Failure to collect and keep these records is a deviation from the applicable standard: [40 CFR §63.3930]
 - (A) A copy of each notification and report that the Permittee submitted and the documentation supporting each notification and report. [40 CFR §63.3930(a)]
 - (B) A current copy of information provided by materials suppliers or manufacturers, such as manufacturer's formulation data, or test data used to determine the mass fraction of organic HAP and density for each coating, thinner and/or other additive, and cleaning material, and the volume fraction of coating solids for each coating. If the Permittee conducted testing to determine mass fraction of organic HAP, density, or volume fraction of coating solids, the Permittee shall keep a copy of the complete test report. If the Permittee used information provided by the manufacturer or supplier of the material that was based on testing, the Permittee shall keep the summary sheet of results provided by the manufacturer or supplier. The Permittee is not required to obtain the test report or other supporting documentation from the manufacturer or supplier. [40 CFR §63.3930(b)]

Section III: Applicable Requirements and Compliance Demonstration

- iv. The following records are required for each compliance period: [40 CFR §63.3930(c)]
 - (A) A record of the coating operations on which the Permittee used each compliance operation and the time periods (beginning and ending dates and times) for each option used. [40 CFR §63.3930(c)(1)]
 - (B) The calculation of the total mass of organic HAP emissions for the coatings, thinners and/or other additives, and cleaning materials used each month using Equations 1 and 1A through 1C of 40 CFR §63.3951 and, if applicable, the calculation used to determine mass of organic HAP in waste materials according to 40 CFR §63.3951(e)(4); [40 CFR §63.3930(c)(4)(i)]
 - (C) The calculation of the total volume of coating solids used each month using Equation 2 of 40 CFR §63.3951; [40 CFR §63.3930(c)(4)(ii)]
 - (D) The calculation of the mass of organic HAP emission reduction by emission capture systems and add-on control devices using Equations 1 and 1A through 1D of 40 CFR §63.3961 and Equations 2, 3, and 3A through 3C of 40 CFR §63.3961, as applicable; [40 CFR §63.3930(c)(4)(iii)]
 - (E) The calculation of each month's organic HAP emission rate using Equation 4 of 40 CFR §63.3961; and [40 CFR §63.3930(c)(4)(iv)]
 - (F) The calculation of each 12-month organic HAP emission rate using Equation 5 of 40 CFR §63.3961. [40 CFR §63.3930(c)(4)(v)]
- v. The Permittee shall make and keep a record of the name and volume of each coating, thinner and/or other additive, and cleaning material used during each compliance period. [40 CFR §63.3930(d)]
- vi. The Permittee shall make and keep a record of the mass fraction of organic HAP for each coating, thinner and/or other additive, and cleaning material used during each compliance period unless the material is tracked by weight. [40 CFR §63.3930(e)]
- vii. The Permittee shall make and keep a record of the volume fraction of coating solids for each coating used during each compliance period. [40 CFR §63.3930(f)]
- viii. The Permittee shall make and keep a record of the density for each coating, thinner and/or other additive, and cleaning material used during each compliance period. [40 CFR §63.3930(g)]
- ix. The Permittee shall make and keep records of the date, time and duration of each deviation. [40 CFR §63.3930(j)]
- x. For each deviation, the Permittee shall make and keep a record of whether the deviation occurred during a period of startup, shutdown, or malfunction. [40 CFR §63.3930(k)(1)]
- xi. The Permittee shall make and keep the records in 40 CFR §63.6(e)(3)(iii) through (v) related to startup, shutdown, or malfunction. [40 CFR §63.3930(k)(2)]
- xii. The Permittee shall make and keep records of each add-on control device performance test conducted according to 40 CFR §§63.3964 and 40 CFR §63.3966. [40 CFR §63.3930(k)(6)(i)]

Section III: Applicable Requirements and Compliance Demonstration

- xiii. The Permittee shall make and keep records of the coating operation conditions during the add-on control device performance test showing that the performance test was conducted under representative operating conditions. [40 CFR §63.3930(k)(6)(ii)]
- xiv. The Permittee shall make and keep records of the data and calculations used to establish the emission capture and add-on control device operating limits as specified in 40 CFR §63.3967 and to document compliance with the operating limits as specified 40 CFR 63, Subpart MMMM, Table 1. [40 CFR §63.3930(k)(7)]
- xv. The Permittee shall follow the procedures listed in 40 CFR §63.3961(d) to demonstrate compliance with the applicable emission limit. [40 CFR §63.3961(d)]
- xvi. The Permittee shall perform the calculations in 40 CFR §63.3961 on a monthly basis using data from the previous 12 months of operation. The Permittee shall not use emission capture system or add-on control device parameter data recorded during monitoring malfunctions, associated repairs, out-of control periods, or required quality assurance or control activities when calculating data averages. The Permittee shall use all the data collected during all other periods in calculating the data averages for determining compliance with the emission capture system and add-on control device operating limits. [40 CFR §63.3963(a) and 40 CFR §63.3968(a)(6)]
- xvii. The Permittee shall record the results of each inspection, calibration, and validation check of the CPMS. [40 CFR §63.3968(a)(3)]
- xviii. The records shall be in a form suitable and readily available for expeditious review, according to 40 CFR §63.10(b)(1). Where appropriate, the records may be maintained as electronic spreadsheets or as a database. [40 CFR §63.3931(a)]
- xix. 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. [40 CFR §63.3931(b) and (c) and RCSA §§22a-174-4(d)(3) and -33(o)(2)]

d. Reporting Requirements

- i. The Permittee shall submit the notification requirements in 40 CFR §63.3910 according to the dates specified in that section and in 40 CFR 63, Subpart A. [40 CFR §63.3883(d)]
- ii. The Permittee shall prepare and submit each semiannual compliance report according to 40 CFR §63.3920(a). Note that the information reported for each of the months in the reporting period will be based on the last 12 months of data prior to the date of each monthly calculation. [40 CFR §63.3920(a)]
- iii. The Permittee shall include the dates operating under the General Use and Magnet Wire Coating limits in the semiannual compliance report. [RCSA 22a-174-33(j)(1)(K)(ii)]
- iv. The Permittee shall submit reports of performance test results for emission capture systems and add-on control devices no later than 60 days after completing the tests as specified in 40 CFR §63.10(d)(2). [40 CFR §63.3920(b)]
- v. The Permittee shall submit the reports in accordance to 40 CFR §63.3920(c) if a startup, shutdown, or malfunction occurred during the semiannual reporting period. [40 CFR §63.3920(c)]

Section III: Applicable Requirements and Compliance Demonstration

- vi. If the organic HAP emission rate for any 12-month compliance period exceeded the applicable emission limit in 40 CFR §63.3890, this is a deviation from the emission limitation for that compliance period that shall be reported as specified in 40 CFR §§63.3910(c)(6) and 63.3920(a)(7). [40 CFR §63.3963(b)]
- vii. The Permittee shall meet the requirements for bypass lines in 40 CFR §63.3968(b) for controlled coating operations. If any bypass line is operated and emissions are diverted to the atmosphere when the coating operation is running, this is a deviation that shall be reported as specified in 40 CFR §63.3910(c)(6) and 40 CFR §63.3920(a)(7). For the purposes of completing the compliance calculations specified in 40 CFR §63.3961(h), the Permittee shall treat the materials used during a deviation on a controlled coating operation as if they were used on an uncontrolled coating operation for the time period of the deviation as indicated in Equation 1 of 40 CFR §63.3961. [40 CFR §63.3963(d)]

3. Organic HAP-Facility Wide Limit [AOS]

a. Limitation or Restriction

- i. The Permittee shall calculate the facility-specific emission limit for the facility when submitting the notification of compliance status required in 40 CFR §63.3910(c), and on a monthly basis afterward using the coating data for the relevant 12-month compliance period. [40 CFR §63.3890(c)(2)(i)]
- ii. The Permittee shall use Equation 1 of 40 CFR §63.3890 to calculate the facility-specific emission limit for the surface coating operations for each 12-month compliance period. [40 CFR §63.3890(c)(2)(ii)]
- iii. If the Permittee needs to convert an emission limit in another surface coating NESHAP from lb (kg) organic HAP per lb (kg) coating solids used to lb (kg) organic HAP per gal (liter) coating solids used, the Permittee shall use the default solids density of 10.5 lb solids per gal solids (1.26 kg solids per liter coating solids). [40 CFR §63.3890(c)(2)(iii)]
- iv. The coating operation(s) shall be in compliance with this emission limit at all times except during periods of startup, shutdown, and malfunction. [40 CFR §63.3900(a)(2)(i)]
- v. The Permittee shall always operate and maintain the affected source, including all air pollution control and monitoring equipment, according to the provisions in 40 CFR §63.6(e)(1)(i). [40 CFR §63.3900(b)]

b. Monitoring Requirements

- i. The Permittee shall conduct testing in accordance with 40 CFR §63.3960(c). [40 CFR §63.3960(c)]
- ii. The Permittee shall conduct each performance test required by 40 CFR §63.3960 according to the requirements in 40 CFR §63.7(e)(1) and under the following conditions unless a waiver of the performance test according to the provisions in 40 CFR §63.7(h) is obtained: [40 CFR §63.3964(a)]

Section III: Applicable Requirements and Compliance Demonstration

- (A) The Permittee shall conduct the performance test under representative operating conditions for the coating operating conditions for the coating operation. Operations during periods of startup, shutdown, or malfunction and during periods of non-operation do not constitute representative conditions. The Permittee shall record the process information that is necessary to document operating conditions during the test and explain why the conditions represent normal operation. [40 CFR §63.3964(a)(1)]
- (B) The Permittee shall conduct the performance test when the emission capture system and add-on control device are operating at a representative flow rate, and the add-on control device is operating at a representative inlet concentration. The Permittee shall record information that is necessary to document emission capture system and add-on control device operating conditions during the test and explain why the conditions represent normal operation. [40 CFR §63.3964(a)(2)]
- iii. The Permittee shall conduct each performance test of an add-on control device according to the requirements in 40 CFR §63.3966. [40 CFR §63.3964(b)]
- iv. The Permittee shall install, operate, and maintain each CPMS specified in 40 CFR §63.3968(a). [40 CFR §63.3968(a)]
- c. *Record Keeping Requirements*
 - i. The Permittee shall make and keep a record of the dates operating under the Facility Wide limit. [RCSA 22a-174-33(j)(1)(K)(ii)]
 - ii. The Permittee shall develop a written startup, shutdown, and malfunction plan according to the provisions in 40 CFR §63.6(e)(3). The plan shall address the startup, shutdown, and corrective actions in the event of a malfunction of the emission capture system or the add-on control device. The plan shall also address any coating operation equipment that may cause increased emission or that would affect capture efficiency, if the process equipment malfunctions, such as conveyors that move parts among enclosures. [40 CFR §63.3900(c)]
 - iii. The Permittee shall collect and keep records of the data and information listed below. Failure to collect and keep these records is a deviation from the applicable standard: [40 CFR §63.3930]
 - (A) A copy of each notification and report that the Permittee submitted to comply with 40 CFR 63, Subpart M, and the documentation supporting each notification and report. If using the predominant activity alternative under 40 CFR §63.3890(c), the Permittee shall keep records of the data and calculations used to determine the predominant activity. If using the facility-specific emission limit alternative under 40 CFR §63.3890(c), the Permittee shall keep records of the data used to calculate the facility-specific emission limit for the initial compliance demonstration. The Permittee shall also keep records of any data used in each annual predominant activity determination and in the calculation of the facility-specific emission limit for each 12-month compliance period included in the semi-annual compliance reports. [40 CFR §63.3930(a)]
 - (B) A current copy of information provided by materials suppliers or manufacturers, such as manufacturer's formulation data, or test data used to determine the mass fraction of organic HAP and density for each coating, thinner and/or other additive, and cleaning material, and the volume fraction of coating solids for each coating. If the Permittee conducted testing to determine mass fraction of organic HAP, density, or volume fraction of coating solids, the

Section III: Applicable Requirements and Compliance Demonstration

Permittee shall keep a copy of the complete test report. If the Permittee used information provided by the manufacturer or supplier of the material that was based on testing, the Permittee shall keep the summary sheet of results provided by the manufacturer or supplier. The Permittee is not required to obtain the test report or other supporting documentation from the manufacturer or supplier. [40 CFR §63.3930(b)]

- iv. The following records are required for each compliance period: [40 CFR §63.3930(c)]
 - (A) A record of the coating operations on which the Permittee used each compliance operation and the time periods (beginning and ending dates and times) for each option used. [40 CFR §63.3930(c)(1)]
 - (B) The calculation of the total mass of organic HAP emissions for the coatings, thinners and/or other additives, and cleaning materials used each month using Equations 1 and 1A through 1C of 40 CFR §63.3951 and, if applicable, the calculation used to determine mass of organic HAP in waste materials according to 40 CFR §63.3951(e)(4); [40 CFR §63.3930(c)(4)(i)]
 - (C) The calculation of the total volume of coating solids used each month using Equation 2 of 40 CFR §63.3951; [40 CFR §63.3930(c)(4)(ii)]
 - (D) The calculation of the mass of organic HAP emission reduction by emission capture systems and add-on control devices using Equations 1 and 1A through 1D of 40 CFR §63.3961 and Equations 2, 3, and 3A through 3C of 40 CFR §63.3961, as applicable; [40 CFR §63.3930(c)(4)(iii)]
 - (E) The calculation of each month's organic HAP emission rate using Equation 4 of 40 CFR §63.3961; and [40 CFR §63.3930(c)(4)(iv)]
 - (F) The calculation of each 12-month organic HAP emission rate using Equation 5 of 40 CFR §63.3961. [40 CFR §63.3930(c)(4)(v)]
- v. The Permittee shall make and keep a record of the name and volume of each coating, thinner and/or other additive, and cleaning material used during each compliance period. [40 CFR §63.3930(d)]
- vi. The Permittee shall make and keep a record of the mass fraction of organic HAP for each coating, thinner and/or other additive, and cleaning material used during each compliance period unless the material is tracked by weight. [40 CFR §63.3930(e)]
- vii. The Permittee shall make and keep a record of the volume fraction of coating solids for each coating used during each compliance period. [40 CFR §63.3930(f)]
- viii. The Permittee shall make and keep a record of the density for each coating, thinner and/or other additive, and cleaning material used during each compliance period. [40 CFR §63.3930(g)]
- ix. The Permittee shall make and keep records of the date, time and duration of each deviation. [40 CFR §63.3930(j)]
- x. For each deviation, the Permittee shall make and keep a record of whether the deviation occurred during a period of startup, shutdown, or malfunction. [40 CFR §63.3930(k)(1)]

Section III: Applicable Requirements and Compliance Demonstration

- x. The Permittee shall make and keep the records in 40 CFR §63.6(e)(3)(iii) through (v) related to startup, shutdown, or malfunction. [40 CFR §63.3930(k)(2)]
- xi. The Permittee shall make and keep records of each add-on control device performance test conducted according to 40 CFR §63.3964 and 40 CFR §63.3966. [40 CFR §63.3930(k)(6)(i)]
- xii. The Permittee shall make and keep records of the coating operation conditions during the add-on control device performance test showing that the performance test was conducted under representative operating conditions. [40 CFR §63.3930(k)(6)(ii)]
- xiii. The Permittee shall make and keep records of the data and calculations used to establish the emission capture and add-on control device operating limits as specified in 40 CFR §63.3967 and to document compliance with the operating limits as specified 40 CFR 63, Subpart Mmmm, Table 1. [40 CFR §63.3930(k)(7)]
- xiv. The Permittee shall follow the procedures listed in 40 CFR §63.3961(d) to demonstrate compliance with the applicable emission limit. [40 CFR §63.3961(d)]
- xv. The Permittee shall perform the calculations in 40 CFR §63.3961 on a monthly basis using data from the previous 12 months of operation. If the Permittee is complying with a facility-specific emission limit under 40 CFR §63.3890(c), the Permittee shall also perform the calculation using Equation 1 in 40 CFR §63.3890(c)(2) on a monthly basis using the data from the previous 12 months of operation. The Permittee shall not use emission capture system or add-on control device parameter data recorded during monitoring malfunctions, associated repairs, out-of control periods, or required quality assurance or control activities when calculating data averages. The Permittee shall use all the data collected during all other periods in calculating the data averages for determining compliance with the emission capture system and add-on control device operating limits. [40 CFR §63.3963(a) and 40 CFR §63.3968(a)(6)]
- xvi. The Permittee shall record the results of each inspection, calibration, and validation check of the CPMS. [40 CFR §63.3968(a)(3)]
- xvii. The records shall be in a form suitable and readily available for expeditious review, according to 40 CFR §63.10(b)(1). Where appropriate, the records may be maintained as electronic spreadsheets or as a database. [40 CFR §63.3931(a)]
- xviii. 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. [40 CFR §63.3931(b) and (c) and RCMA §§22a-174-4(d)(3) and -33(o)(2)]

d. Reporting Requirements

- i. The Permittee shall submit a Notification of Compliance Status as required in 40 CFR §63.3910(c) including the information in 40 CFR §63.3910(c)(11) prior to operating under the Facility Wide limit.
- ii. The Permittee shall meet the notification requirements in 40 CFR §63.3910 according to the dates specified in that section and in 40 CFR 63, Subpart A. [40 CFR §63.3883(d)]

Section III: Applicable Requirements and Compliance Demonstration

- iii. The Permittee shall prepare and submit each semiannual compliance report according to 40 CFR §63.3920(a). Note that the information reported for each of the months in the reporting period will be based on the last 12 months of data prior to the date of each monthly calculation. [40 CFR §63.3920(a)]
- iv. The Permittee shall include the dates operating under the Facility Wide limit in the semiannual compliance report. [RCSA 22a-174-33(j)(1)(K)(ii)]
- v. The Permittee shall submit reports of performance test results for emission capture systems and add-on control devices no later than 60 days after completing the tests as specified in 40 CFR §63.10(d)(2). [40 CFR §63.3920(b)]
- vi. The Permittee shall submit the reports in accordance to 40 CFR §63.3920(c) if a startup, shutdown, or malfunction occurred during the semiannual reporting period. [40 CFR §63.3920(c)]
- vii. If the organic HAP emission rate for any 12-month compliance period exceeded the applicable emission limit in 40 CFR §63.3890, this is a deviation from the emission limitation for that compliance period that shall be reported as specified in 40 CFR §§63.3910(c)(6) and 63.3920(a)(7). [40 CFR §63.3963(b)]
- viii. The Permittee shall meet the requirements for bypass lines in 40 CFR §63.3968(b) for controlled coating operations. If any bypass line is operated and emissions are diverted to the atmosphere when the coating operation is running, this is a deviation that shall be reported as specified in 40 CFR §63.3910(c)(6) and 40 CFR §63.3920(a)(7). For the purposes of completing the compliance calculations specified in 40 CFR §63.3961(h), the Permittee shall treat the materials used during a deviation on a controlled coating operation as if they were used on an uncontrolled coating operation for the time period of the deviation as indicated in Equation 1 of 40 CFR §63.3961. [40 CFR §63.3963(d)]

4. Work Practice Plan [SOS/AOS]

a. Limitation or Restriction

- i. The Permittee shall develop and implement a work practice plan to minimize organic HAP emissions from the storage, mixing and conveying of coatings, thinners and/or other additives, and cleaning materials used in, and waste materials generated by the controlled coating operation(s) or the Permittee shall meet an alternative standard as provided in 40 CFR §63.3893(c). The plan must specify practices and procedures to ensure that, at a minimum, the elements specified in 40 CFR §63.3893 (b)(1) through (5) are implemented. [40 CFR §63.3893(b)]
- ii. The coating operation(s) shall be in compliance with the work practice standards at all times. [40 CFR §63.3900(a)(2)(iii)]

b. Monitoring Requirements

The Permittee shall develop and implement the work practice plan and monitor compliance with the plan. [40 CFR §63.3960(b)(2)]

Section III: Applicable Requirements and Compliance Demonstration

c. Record Keeping Requirements

- i. The Permittee shall make and keep a record of the work practice plan and document compliance with the plan on a continuous basis. [40 CFR §63.3910(c)(9)(iv) and 40 CFR §63.3930(k)(8)]
- ii. The records shall be in a form suitable and readily available for expeditious review, according to 40 CFR §63.10(b)(1). Where appropriate, the records may be maintained as electronic spreadsheets or as a database. [40 CFR §63.3931(a)]
- iii. 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. [40 CFR §63.3931(b) and (c) and RCSA §22a-174-33(o)(2)]

d. Reporting Requirements

- i. The Permittee shall demonstrate continuous compliance with the work practice standards in 40 CFR §63.3893. If the Permittee did not develop a work practice plan, or the plan was not implemented, or the records required by 40 CFR §63.3930(k)(8) are not kept, this is a deviation from the work practice standards that shall be reported as specified in 40 CFR §63.3910(c)(6) and 40 CFR §63.3920(a)(7). [40 CFR §63.3963(e)]
- ii. As part of each semiannual compliance report required in 40 CFR §63.3920, the Permittee shall identify the coating operation(s) for which the emission rate with add-on controls option was used. If there were no deviations from the emission limitations, submit a statement that the Permittee was in compliance with the emission limitations during the reporting period because the organic HAP emission rate for each compliance period was less than or equal to the applicable emission limit in 40 CFR §63.3890, and the Permittee achieved the operating limits required by 40 CFR §63.3892 and the work practice standards required by 40 CFR §63.3893 during each compliance period. [40 CFR §63.3963(f)]
- iii. The Permittee shall report for each deviation from the work practice standards, a description of the deviation, the date and time period of the deviation, and the actions the Permittee took to correct the deviation. [40 CFR §63.3920(a)(7)(xiii)]

5. Catalytic Oxidizer's Average Temperature [SOS/AOS]

a. Limitation or Restriction

- i. The Permittee shall meet the following operating limit: the catalytic oxidizer's average temperature measured just before the catalyst bed in any 3-hour period must not fall below the limit established according to 40 CFR 63, Subpart MMMM, Appendix A, Section 3.0 (i.e. last performance test), for magnet wire coating machines, temperature can be monitored before or after the catalyst bed. [40 CFR §63.3892(b) and 40 CFR 63, Subpart MMMM, Table 1]

Section III: Applicable Requirements and Compliance Demonstration

- ii. The coating operation(s) shall be in compliance with the operating limits for emission capture systems and add-on control devices required by 40 CFR §63.3892 at all times except during periods of startup, shutdown, and malfunction. [40 CFR §63.3900(a)(2)(ii)]

b. Monitoring Requirements

- i. The Permittee shall demonstrate continuous compliance with the operating limit by: [40 CFR 63, Subpart MMMM, Table 1, Item Nos. 2.a.i-iii]
 - (A) Collecting the temperature data according to 40 CFR §63.3968(c);
 - (B) Reducing the data to 3-hour block averages; and
 - (C) Maintaining the 3-hour average temperature before (or for magnet wire coating machines after) the catalyst bed at or above the temperature limit.
- ii. The Permittee shall monitor compliance with the operating limits according to the procedures in 40 CFR 63, Subpart MMMM, Appendix A, Section 3.0. [40 CFR §63.3967(b) and 40 CFR 63, Subpart MMMM, Appendix A, Section 3.11]
- iii. During the performance test, the Permittee shall monitor and record the temperature either just before or just after the catalyst bed at least once every 15 minutes during each of the three test runs. Use data collected during the performance test to calculate and record the average temperature either just before or just after the catalyst bed during the performance test. This is the minimum operating limit for the catalytic oxidizer and for the catalytic oxidizers in identical or very similar magnet wire coating machines represented by the tested magnet wire coating machine. [40 CFR 63, Subpart MMMM, Appendix A, Section 3.12]
- iv. The Permittee shall install a gas temperature monitors upstream and/or downstream of the catalyst bed as required in 40 CFR §63.3967(b). [40 CFR §63.3968(c)(2)]
- v. The Permittee shall monitor temperature in accordance with 40 CFR §63.3968(c)(3) for each gas temperature monitoring device. [40 CFR §63.3968(c)(3)]

c. Record Keeping Requirements

- i. The Permittee shall make and keep records required to show continuous compliance with each applicable operating limit specified in 40 CFR 63, Subpart MMMM, Table 1. [40 CFR §63.3930(k)(3)]
- ii. The records shall be in a form suitable and readily available for expeditious review, according to 40 CFR §63.10(b)(1). Where appropriate, the records may be maintained as electronic spreadsheets or as a database. [40 CFR §63.3931(a)]
- iii. 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. [40 CFR §63.3931(b) and (c) and RCSA §22a-174-33(o)(2)]

Section III: Applicable Requirements and Compliance Demonstration

d. Reporting Requirements

- iii. If an operating parameter is out of the allowed range specified in 40 CFR 63, Subpart M MMM, Table 1, this is a deviation from the operating limit that shall be reported as specified in 40 CFR §§63.3910(c)(6) and 63.3920(a)(7). [40 CFR §63.3963(c)(1)]
- iv. If an operating parameter deviates from the operating limit specified in 40 CFR 63, Subpart M MMM, Table 1, then the Permittee shall assume that the emission capture system and add-on control device were achieving zero efficiency during the time period of the deviation, unless the Permittee has other data indicating the actual efficiency of the emission capture system and add-on control device and the use of these data is approved by the Administrator. [40 CFR §63.3963(c)(2)]

6. Catalytic Oxidizer's Inspection and Maintenance Plan [SOS/AOS]

a. Limitation or Restriction

The Permittee must develop and implement an inspection and maintenance plan for the catalytic oxidizer(s). [40 CFR 63, Subpart M MMM, Table 1, Item No. 2.c and Appendix A, Section 3.13]

b. Monitoring Requirements

- i. The Permittee shall demonstrate continuous compliance with the operating limit by maintaining and up-to-date inspection and maintenance plan. [40 CFR 63, Subpart M MMM, Table 1, Item No. 2.c.i]
- ii. The Permittee shall conduct a monthly external inspection of each catalytic oxidizer system, including the burner assembly and fuel supply lines for problems and, as necessary, adjust the equipment to assure proper air-to-fuel mixtures. [40 CFR 63, Subpart M MMM, Appendix A, Section 3.14]
- iii. The Permittee shall conduct an annual internal inspection of each accessible catalyst bed to check for channeling, abrasion, and settling. If problems are found, the Permittee shall replace the catalyst bed or take corrective action consistent with the manufacturer's recommendations. This provision does not apply to internal catalysts which cannot be accessed without disassembling the magnet wire oven. [40 CFR 63, Subpart M MMM, Appendix A, Section 3.15]
- iv. The Permittee shall take a sample of each catalyst bed and perform an analysis of the catalyst activity (i.e., conversion efficiency) following the manufacturer's or catalyst supplier's recommended procedures. This sampling and analysis must be done within the time period shown in 40 CFR 63, Subpart M MMM, Appendix A, Table 1 of the most recent of the last catalyst activity test or the last catalyst replacement. If problems are found during the catalyst activity test, the Permittee shall replace the catalyst bed or take corrective action consistent with the manufacturer's recommendations. [40 CFR 63, Subpart M MMM, Appendix A, Section 3.16]

c. Record Keeping Requirements

- i. The Permittee shall make and keep records required to show continuous compliance with each applicable operating limit specified in 40 CFR 63, Subpart M MMM, Table 1. [40 CFR §63.3930(k)(3)]

Section III: Applicable Requirements and Compliance Demonstration

- ii. The Permittee shall make and keep records of: [40 CFR 63, Subpart MMMM, Table 1, Item No. 2.c.i]
 - (A) annual catalyst activity checks,
 - (B) monthly inspections of the oxidizer system, and
 - (C) annual internal inspections of the catalyst bed.
- iii. The records shall be in a form suitable and readily available for expeditious review, according to 40 CFR §63.10(b)(1). Where appropriate, the records may be maintained as electronic spreadsheets or as a database. [40 CFR §63.3931(a)]
- iv. 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. [40 CFR §63.3931(b) and (c) and RCSA §22a-174-33(o)(2)]

d. Reporting Requirements

- i. If an operating parameter is out of the allowed range specified in 40 CFR 63, Subpart MMMM, Table 1, this is a deviation from the operating limit that shall be reported as specified in 40 CFR §§63.3910(c)(6) and 63.3920(a)(7). [40 CFR §63.3963(c)(1)]
- ii. If an operating parameter deviates from the operating limit specified in 40 CFR 63, Subpart MMMM, Table 1, then the Permittee shall assume that the emission capture system and add-on control device were achieving zero efficiency during the time period of the deviation, unless the Permittee has other data indicating the actual efficiency of the emission capture system and add-on control device and the use of these data is approved by the Administrator. [40 CFR §63.3963(c)(2)]

Section III: Applicable Requirements and Compliance Demonstration

B. PREMISES-WIDE GENERAL REQUIREMENTS

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. **Emergency Episode Procedures:** The Permittee shall comply with the procedures for emergency episodes as set forth in RCSA §22a-174-6.
3. **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.
4. **Prohibition of Air Pollution:** The Permittee shall comply with the requirement to prevent air pollution as set forth in RCSA §22a-174-9.
5. **Public Availability of Information:** The public availability of information shall apply, as set forth in RCSA §22a-174-10.
6. **Prohibition Against Concealment/Circumvention:** The Permittee shall comply with the prohibition against concealment or circumvention as set forth in RCSA §22a-174-11.
7. **Violations and Enforcement:** The Permittee shall not violate or cause the violation of any applicable regulation as set forth in RCSA §22a-174-12.
8. **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.
9. **No Defense to Nuisance Claim:** The Permittee shall comply with the regulations as set forth in RCSA §22a-174-14.
10. **Severability:** The Permittee shall comply with the severability requirements as set forth in RCSA §22a-174-15.
11. **Responsibility to Comply:** The Permittee shall be responsible to comply with the applicable regulations as set forth in RCSA §22a-174-16.
12. **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. (Section 18 approved by EPA on 9-23-1982, current Regulation submitted to EPA on 12-1-2004.)
13. **Sulfur Compound Emissions:** The Permittee shall comply with the requirements for control of sulfur compound emissions as set forth in RCSA §22a-174-19.
14. **Organic Compound Emissions:** The Permittee shall comply with the requirements for control of organic compound emissions as set forth in RCSA §22a-174-20.
15. **Nitrogen Oxide Emissions:** The Permittee shall comply with the requirements for control of nitrogen oxide emissions as set forth in RCSA §22a-174-22.

Section III: Applicable Requirements and Compliance Demonstration

- 16. 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).
- 17. Emission Fees:** The Permittee shall pay an emission fee as set forth in RCSA §22a-174-26(d).

Section IV: Compliance Schedule

THERE IS NO COMPLIANCE SCHEDULE

TABLE IV: COMPLIANCE SCHEDULE				
Emissions Unit	Applicable Regulations	Steps Required for Achieving Compliance (Milestones)	Date by which Each Step is to be Completed	Dates for Monitoring, Record Keeping, and Reporting

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.

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.

Section V: State Enforceable Terms and Conditions

- 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.
- G.** Open Burning: The Permittee is prohibited from conducting open burning, except as may be allowed by CGS §22a-174(f).
- H.** Fuel Sulfur Content: The Permittee shall not use No. 2 heating oil that exceeds three-tenths of one percent sulfur by weight as set forth in CGS §16a-21a.

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.

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 in a computer-readable format and addressed to: Director, Air Compliance Program; Attn: Air Compliance Clerk; Office of Environmental Stewardship; EPA Region 1; 5 Post Office Square, Suite 100; Mail Code OEP05-02; Boston, Massachusetts 02109-3912.

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:

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

Section VI: Title V Requirements

Title V Requirements

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 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 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;

Section VI: Title V Requirements

Title V Requirements

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 simultaneously submitted by the Permittee to the Administrator.

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

Notwithstanding Section VI.D 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).

Section VI: Title V Requirements

Title V Requirements

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.

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

Section VI: Title V Requirements

Title V Requirements

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).

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-6m.

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

Section VI: Title V Requirements

Title V Requirements

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.