



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	189-0206-TV
Client/Sequence/Town/Premises Numbers	6012/1/189/76
Date Issued	August 21, 2015
Expiration Date	August 21, 2020

Corporation:

AMETEK, Specialty Metal Products Division

Premises Location:

21 Toelles Road, Wallingford, CT 06492

Name of Responsible Official and Title:

Rob Kowalczyk, Director of Operations

All the following attached pages, 2 through 33, are hereby incorporated by reference into this Title V permit.

/s/ Anne Gobin for
Robert J. Klee
Commissioner

August 21, 2015
Date

TABLE OF CONTENTS

	PAGE
List of Abbreviations/Acronyms	4
Section I. Premises Information/Description	
A. Premises Information.....	6
B. Premises Description.....	6
Section II. Emissions Units Information	
A. Emissions Units Description - Table II.A.....	7
B. Operating Scenario Identification - Table II.B	10
Section III. Applicable Requirements and Compliance Demonstration	
A. Emissions Unit 49.....	11
B. Emissions Unit 64.....	11
C. Grouped Emissions Unit 1	12
D. Grouped Emissions Unit 2	13
E. Grouped Emissions Unit 3	14
F. Grouped Emissions Unit 4.....	14
G. Grouped Emissions Unit 5	21
H. Premises-Wide General Requirements	22
Section IV. Compliance Schedule - Table IV	25
Section V. State Enforceable Terms and Conditions	26
Section VI. Title V Requirements	
A. Submittals to the Commissioner & Administrator.....	28
B. Certifications [RCSA §22a-174-33(b)].....	28
C. Signatory Responsibility [RCSA §22a-174-2a(a)]	28
D. Additional Information [RCSA §§22a-174-33(j)(1)(X), -33(h)(2)].....	29
E. Monitoring Reports [RCSA §22a-174-33(o)(1)]	29
F. Premises Records [RCSA §22a-174-33(o)(2)]	29
G. Progress Reports [RCSA §22a-174-33(q)(1)].....	30
H. Compliance Certifications [RCSA §22a-174-33(q)(2)].....	30
I. Permit Deviation Notifications [RCSA §22a-174-33(p)]	30
J. Permit Renewal [RCSA §22a-174-33(j)(1)(B)].....	30
K. Operate in Compliance [RCSA §22a-174-33(j)(1)(C)]	31
L. Compliance with Permit [RCSA §22a-174-33(j)(1)(G)]	31
M. Inspection to Determine Compliance [RCSA §22a-174-33(j)(1)(M)].....	31
N. Permit Availability.....	31
O. Severability Clause [RCSA §22a-174-33(j)(1)(R)]	31
P. Need to Halt or Reduce Activity [RCSA §22a-174-33(j)(1)(T)]	31
Q. Permit Requirements [RCSA §22a-174-33(j)(1)(V)]	31
R. Property Rights [RCSA §22a-174-33(j)(1)(W)].....	31
S. Alternative Operating Scenario Records [RCSA §22a-174-33(o)(3)]	32
T. Operational Flexibility and Off-Permit Changes [RCSA §22a-174-33(r)(2)]	32
U. Information for Notification [RCSA §22a-174-33(r)(2)(A)].....	32
V. Transfers [RCSA §22a-174-2a(g)]	32
W. Revocation [RCSA §22a-174-2a(h)]	32
X. Reopening for Cause [RCSA §22a-174-33(s)]	33
Y. Credible Evidence.....	33

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>
°C	Degree Celsius
°F	Degree Fahrenheit
acfm	Actual cubic feet per minute
AOS	Alternative Operating Scenario
ASC	Actual Stack Concentration
CEM	Continuous Emission Monitor
CFR	Code of Federal Regulations
CGS	Connecticut General Statutes
CO	Carbon Monoxide
CO ₂	Carbon Dioxide
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
GEU	Grouped Emissions Unit
gph	Gallons per hour
gpm	Gallons per minute
HAP	Hazardous Air Pollutant
hr	Hour
lb	Pound
MACT	Maximum Achievable Control Technology
MASC	Maximum Allowable Stack Concentration
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
PTE	Potential to Emit

LIST OF ABBREVIATIONS/ACRONYMS, continued

<i>Abbreviation/Acronym</i>	<i>Description</i>
RCSA	Regulations of Connecticut State Agencies
SIC	Standard Industrial Classification Code
SIP	State Implementation Plan
SO ₂	Sulfur Dioxide
SO _x	Sulfur Oxides
SOS	Standard Operating Scenario
tph	Tons per hour
tpy	Tons per year
TSP	Total Suspended Particulate
VOC	Volatile Organic Compound

Section I: Premises Information/Description

A. PREMISES INFORMATION

Nature of Business: Metal Processing
Primary SIC: 3499

Facility Mailing Address: 21 Toelles Road, Wallingford, CT 06492
Telephone Number: (860) 265-6731

B. PREMISES DESCRIPTION

AMETEK, Specialty Metal Products Division (AMETEK) is a manufacturer of various types and sizes of specialty metals and wires and is located in Wallingford, CT. Operations at the facility include metal powder processing, sintering, grinding, degreasing of metal sheets, wire drawing and slitting. Metal sheets are AMETEK's main product and they are produced by compacting metal powder in a rolling mill, then the sheets are sintered and rolled down to the specific thickness that is required by the customers.

The emissions units at the facility include blenders, compact mills, annealing and sintering furnaces, solvent cleaning machines and slitters. The solvent cleaning machines are subject to the National Emissions Standards for Hazardous Air Pollutants: Halogenated Solvents (40 CFR 63 Subpart T).

AMETEK exceeds the major source threshold for HAPs (Trichloroethylene). AMETEK is a Title V source located in a serious ozone non-attainment area defined in RCSA 22a-174-1(103).

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			
Emissions Unit/ Grouped Emissions Unit	Emissions Unit Description	Control Unit Description	Permit, Order, Registration, or Regulation Number
EU 49	Compact Mill (Primary Department) Constructed: 1978 Maximum Process Design Rate: 1000 lb/hr	UAS Pulse Type Dust Collector With a secondary AIRGUARD HEPA filter system	None
EU 53	10 cuft Blender Constructed: 2012 Maximum Process Design Rate: 4000 lb/hr	UAS Pulse Type Dust Collector With a secondary AIRGUARD HEPA filter system	None
EU 54	30 cuft Blender Constructed: 1978 Maximum Process Design Rate: 6660 lb/hr	Blender Unit sealed when operating and enclosed in room which is closed during operation of the unit.	None
EU 57	NX Sinter furnace #1 Constructed: 1978 Maximum Process Design Rate: 20 lb/hr	DCE Vokes Dust Collector	None
EU-64	Strip Belt grinder Constructed: 1987	UAS Pulse-Type Dust Collector with a secondary AIRGUARD HEPA filter system.	None
EU 66	NX Sinter furnace #2 (Anneal & Crush) Constructed: 1978 Maximum Process Design Rate: 180 lb/hr	UAS Pulse Type Dust Collector	None
EU 76	Vaughn Wire Drawing Machine 553-1, Basement Constructed: 1955 Maximum Process Design Rate: 280 lb/hr	None	None
EU 77	Vaughn Wire Drawing Machine 552, Basement Constructed: 1952 Maximum Process Design Rate: 280 lb/hr	UAS Pulse Type Dust Collector	None

Section II: Emissions Units Information

TABLE II.A: EMISSIONS UNITS DESCRIPTION			
Emissions Unit/ Grouped Emissions Unit	Emissions Unit Description	Control Unit Description	Permit, Order, Registration, or Regulation Number
EU 78	Baron Blakeslee Continuous Web solvent cleaning machine Constructed: 1977	Freeboard Refrigeration, Squeegee System	189-0217
EU 81	Slitter #1 Constructed: 1978 Maximum Process Design Rate: 7.4 lb/hr	None	None
EU 82	Slitter #2 Constructed: 1978 Maximum Process Design Rate: 7.4 lb/hr	None	None
EU 83	Slitter #12 Constructed: 1978 Maximum Process Design Rate: 7.4 lb/hr	None	None
EU 85	Ultra Kool in-Line Vapor Degreaser Model 208-32-50 Constructed: 9/2013	Freeboard Refrigeration Superheated Vapor Squeegee System	189-0241
GEU 1	EU 53, 54	As Above	As Above
GEU 2	EU 57, 66	As Above	As Above
GEU 3	EU 76, 77	As Above	As Above
GEU 4	EU 78, 85	As Above	As Above
GEU 5	EU 81, 82, 83	As Above	As Above
<i>All applicable requirements for the following units are listed in the premises-wide general requirements portion of this permit</i>			
EU 1 – EU 25 and EU 28 - EU 42	Forty Natural Gas-fired Heaters Constructed: Varies from 1972 thru 1998 Maximum Rated Capacity: 2 MMBtu/hr (Combined Total for all Units)	None	None
EU-26	Burnham Soap Heater, Natural gas-fired Constructed: 1999 Maximum Firing Rate: 0.15 MMTBtu/hr	None	None

Section II: Emissions Units Information

TABLE II.A: EMISSIONS UNITS DESCRIPTION			
Emissions Unit/ Grouped Emissions Unit	Emissions Unit Description	Control Unit Description	Permit, Order, Registration, or Regulation Number
EU 27	Samsco Water Evaporator, Nat gas-fired Constructed: 2000 Maximum Firing Rate: 0.195 MMTBtu/hr	None	None
EU 43 – EU 48	Six Natural Gas-fired furnaces Constructed: Varies from 1997 thru 2001 Maximum Process Design Rate: 2.9 MMTBtu/hr	None	None
EU 50	100 lb Blender MMC (R&D area) Constructed: 1980	DCE Vokes Baghouse	None
EU 51	Yoder Research Mill (R&D area) Constructed: 1980	DCE Vokes Baghouse	None
EU 52	Ereiz Bar Magnetic Separator Constructed 1987	None	None
EU 62	Magnetic Separator (Eriez Belt) Constructed: 1985	DCE Vokes Baghouse	None
EU 70	MMC Compact Mill Constructed: 1992	Internal dust pac	None
EU 71	Cauffiel Compact Mill Constructed: 1999	UAS Baghouse	None
EU 74	Bin Dumper, Primary Dept Constructed: 1995	DCE Vokes Baghouse	None
EU 84	Soil Vapor Extraction System Constructed: 2007	Granular Activated Carbon Was used as part of a remediation program. Unit has not been used since 2010 with currently no plans of putting it back in service. However it is possible it will be needed again in the future and therefore the unit remains on site.	None

Section II: Emissions Units Information

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. The Permittee shall record contemporaneously, the operating scenario under which each emissions unit is operating in a log to be kept at the subject premises. [There are no Alternate Operating Scenarios (AOS) for the premises.]

TABLE II.B: OPERATING SCENARIO IDENTIFICATION		
Identification of Operating Scenario	Emissions Units Associated with the Scenario	Description of Scenario
SOS	EU 49	Compact mill used for the compaction of metal powders into sheet form prior to sintering furnace.
	EU 64	Strip Belt Grinder used to remove burrs, round edges, and polish metal sheets and wires.
	GEU 1	Blending units used to blend together metallic powder to make various metal parts
	GEU 2	Sintering Furnaces used to heat metallic powder short of the material's melting point, but high enough for the metallic powder to fuse together through the process of sintering to make various metal parts.
	GEU 3	Wire drawing machines used to reduce wire gage.
	GEU 4	Continuous web solvent cleaning machines using trichloroethylene as solvent.
	GEU 5	Slitting operations using trichloroethylene.

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. EMISSIONS UNIT 49 – Compact Mill

1. Particulate Matter

a. Limitation or Restriction

“E” lb/hr., where E is defined as a function of the process weight in accordance with section 22a-174-18 of the RCSA.

b. Record Keeping Requirements

In accordance with Section VI.F of this permit, the Permittee shall make and maintain the following records for a minimum of five years, commencing on the date such records were created: [RCSA §22a-174-33(o)(2)]

- i. Documentation demonstrating that actual emissions of particulate matter cannot exceed the allowable pound per hour emission limit as determined from the following equation: [RCSA §22a-174-18(f)]

$$E = 10^{[\log(3.59) + 0.62 * \log(F/2000)]}$$

Where F = feed weight rate (lb/hr)

E = maximum allowable PM emission rate (lb/hr)

- ii. Documentation of any assumptions and data used in determining the actual emissions of particulate matter.

c. Reporting Requirements

The Permittee shall provide the records specified in Section III.A.1.b to the commissioner within 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)]

B. EMISSION UNIT 64 – Strip Belt Grinder

1. Particulate Matter

a. Limitation or Restriction

“E” lb/hr., where E is defined as a function of the process weight in accordance with section 22a-174-18 of the RCSA.

b. Record Keeping Requirements

In accordance with Section VI.F of this permit, the Permittee shall make and maintain the following records for a minimum of five years, commencing on the date such records were created: [RCSA §22a-174-33(o)(2)]

Section III: Applicable Requirements and Compliance Demonstration

- i. Documentation demonstrating that actual emissions of particulate matter cannot exceed the allowable pound per hour emission limit as determined from the following equation: [RCSA §22a-174-18(f)]

$$E = 10^{\log(3.59) + 0.62 \cdot \log(F/2000)}$$

Where F = feed weight rate (lb/hr)
E = maximum allowable PM emission rate (lb/hr)

- ii. Documentation of any assumptions and data used in determining the actual emissions of particulate matter.

c. *Reporting Requirements*

The Permittee shall provide the records specified in Section III.B.1.b. to the commissioner within 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)]

C. GROUPED EMISSION UNIT 1 (GEU-1) Two Blending Units EU-53 & EU-54

1. Particulate Matter

a. *Limitation or Restriction*

“E” lb/hr., where E is defined as a function of the process weight in accordance with section 22a-174-18 of the RCSA.

b. *Record Keeping Requirements*

In accordance with Section VI.F of this permit, the Permittee shall make and maintain the following records for a minimum of five years, commencing on the date such records were created: [RCSA §22a-174-33(o)(2)]

- i. Documentation demonstrating that actual emissions of particulate matter cannot exceed the allowable pound per hour emission limit as determined from the following equation: [RCSA §22a-174-18(f)]

$$E = 10^{\log(3.59) + 0.62 \cdot \log(F/2000)}$$

Where F = feed weight rate (lb/hr)
E = maximum allowable PM emission rate (lb/hr)

- ii. Documentation of any assumptions and data used in determining the actual emissions of particulate matter.

c. *Reporting Requirements*

The Permittee shall provide the records specified in Section III.C.1.b. to the commissioner within 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)]

Section III: Applicable Requirements and Compliance Demonstration

D. GROUPED EMISSION UNIT 2 (GEU-2) - Two Sinter Furnaces EU-57 & EU-66

1. Particulate Matter

a. Limitation or Restriction

“E” lb/hr., where E is defined as a function of the process weight in accordance with section 22a-174-18 of the RCSA.

b. Record Keeping Requirements

In accordance with Section VI.F of this permit, the Permittee shall make and maintain the following records for a minimum of five years, commencing on the date such records were created: [RCSA §22a-174-33(o)(2)]

- i. Documentation demonstrating that actual emissions of particulate matter cannot exceed the allowable pound per hour emission limit as determined from the following equation: [RCSA §22a-174-18(f)]

$$E = 10^{\log(3.59) + 0.62 * \log(F/2000)}$$

Where F = feed weight rate (lb/hr)
 E = maximum allowable PM emission rate (lb/hr)

- ii. Documentation of any assumptions and data used in determining the actual emissions of particulate matter.

c. Reporting Requirements

The Permittee shall provide the records specified in Section III.D.1.b. to the commissioner within 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 EMISSION UNIT 3 (GEU-3) - Two Vaughn Wire Drawing Machines EU-76 & EU-77

1. Particulate Matter

a. Limitation or Restriction

“E” lb/hr., where E is defined as a function of the process weight in accordance with section 22a-174-18 of the RCSA.

b. Record Keeping Requirements

In accordance with Section VI.F of this permit, the Permittee shall make and maintain the following records for a minimum of five years, commencing on the date such records were created: [RCSA §22a-174-33(o)(2)]

- i. Documentation demonstrating that actual emissions of particulate matter cannot exceed the allowable pound per hour emission limit as determined from the following equation: [RCSA §22a-174-18(f)]

$$E = 10^{\log(3.59) + 0.62 * \log(F/2000)}$$

Section III: Applicable Requirements and Compliance Demonstration

Where F = feed weight rate (lb/hr)

E = maximum allowable PM emission rate (lb/hr)

- ii. Documentation of any assumptions and data used in determining the actual emissions of particulate matter.

c. Reporting Requirements

The Permittee shall provide the records specified in Section III.E.1.b. to the commissioner within 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. GROUPED EMISSION UNIT 4 (GEU-4) - Solvent Cleaning Machines EU-78 & EU-85

1. Design Requirements & Work and Operational Practices

a. Limitation or Restriction

Each solvent cleaning machine shall be operated with a primary condenser, a freeboard ratio of 0.75 or greater and a vapor level control device. [40 CFR 63.463(g), RCSA §22a-174-20(1)(5)]

b. Record Keeping Requirements

The Permittee shall make and maintain sufficient documentation to demonstrate the following:

- i. Solvent cleaning machine EU-78 shall have a freeboard ratio of 0.75 or greater. [40 CFR 63.463(g)(3)(ii)]
- ii. Solvent cleaning machine EU-85 shall have a freeboard ratio of 1.0 or greater in accordance with NSR permit 189-0241.
- iii. Each solvent cleaning machine has a primary condenser. [40 CFR 63.463(g)(3)(vi)]
- iv. Each solvent cleaning machine is equipped with a vapor control device that shuts off sump heat if the vapor level rises above the height of the primary condenser or the condenser coolant is not circulating. [40 CFR 63.463(g)(3)(vi) & RCSA §22a-174-20(1)(5)(B)(i)]
- v. Each solvent cleaning machine is equipped with a spray safety switch which shuts off the spray pump or the conveyer if the vapor level drops more than 10 centimeters (4 inches) below the lowest condensing coil. [RCSA §22a-174-20(1)(5)(B)(ii)]
- vi. Any spraying operations are conducted in a section of the solvent cleaning machines that is not directly exposed to the ambient air (i.e., a baffled or enclosed area of the solvent cleaning machine). [40 CFR 63.463(g)(4)(ii)]
- vii. The primary condenser is turned on before the sump heater during startup of the solvent cleaning machines. [40 CFR 63.463(g)(4)(iii)]
- viii. The sump heater is turned off and the solvent vapor layer allowed to collapse before the primary condenser is turned off during shutdown of the solvent cleaning machines. [40 CFR

Section III: Applicable Requirements and Compliance Demonstration

63.463(g)(4)(vi)]

- ix. When solvent is added or drained from the solvent cleaning machines, the solvent is transferred using threaded or other leak-proof couplings and the end of the pipe in the solvent sump is located beneath the liquid solvent surface. [40 CFR 63.463(g)(4)(v)]
- x. The solvent cleaning machines and associated controls are maintained as recommended by the manufacturer of the equipment or uses alternative maintenance practices that have been demonstrated to the commissioner's satisfaction to achieve the same or better results as those recommended by the manufacturer. [40 CFR 63.463(g)(4)(vi)]
- xi. Sponges, fabric, wood, and paper products are not cleaned. This prohibition does not apply to absorbent materials, including rollers and roller covers, used as part of the cleaning process of the solvent cleaning machines. [40 CFR 63.463(g)(4)(viii) & 40 CFR 63.463(g)(4)(ix)]
- xii. Waste solvent, still bottoms, sump bottoms and waste absorbent materials used in the cleaning process for the solvent machines is collected and stored in closed containers. The closed containers may contain a device that allows pressure relief, but does not allow liquid solvent to drain from the container. Waste degreasing solvent is not disposed of or transferred in such a way as to allow greater than 20% (by weight) to evaporate into the atmosphere. [40 CFR 63.463(g)(4)(vii) & RCSA §22a-174-20(l)(5)(C)]
- xiii. Parts are racked to allow sufficient drainage. [RCSA §22a-174-20(l)(5)(D)(ii)]
- xiv. A drying tunnel, rotating basket or equivalent method is used to prevent clean parts from carrying out solvent liquid. [RCSA §22a-174-20(l)(5)(F)]
- xv. Openings are minimized during degreaser operation so that entrances and exits will silhouette workloads with an average clearance between the parts and the edge of the degreasing unit opening of less than ten centimeters (4 inches) or less than ten percent of the width of the opening. [RCSA §22a-174-20(l)(5)(H)]
- xvi. Water is not visually detectable in solvent exiting the water separator. [RCSA §22a-174-20(l)(5)(I)]
- xvii. Exhaust ventilation does not exceed 20 cubic meters per minute per square meter (65 cubic feet per minute per cubic foot) of degreasing unit open area, unless necessary to meet OSHA requirements. [RCSA §22a-174-20(l)(5)(J)]
- xviii. Operation of the unit cease upon the occurrence of any visible solvent leak until such leak is repaired. [RCSA §22a-174-20(l)(5)(C)]
- xix. A permanent conspicuous label is posted on or near each degreasing unit summarizing all applicable operation requirements. [RCSA §22a-174-20(l)(5)(L)]

2. Maximum Solvent Usage – Trichloroethylene (TCE)

a. Limitation or Restriction

4.3 lb/hr (each unit); 37,869 lb/yr (EU 78), 37,695 lb/yr (EU 85) [Permit 189-0217 and 189-0241]

Section III: Applicable Requirements and Compliance Demonstration

b. Monitoring and Testing Requirements

The Permittee shall monitor the amount of solvent consumed in each solvent cleaning machine. Solvent consumption shall be determined by the amount of solvent added to each solvent cleaning machine during the measurement period plus any differential in the solvent contained in each reservoir at the beginning and ending of the measurement period. [Permit 189-0217 and 189-0241]

c. Record Keeping Requirements

In accordance with Section VI.F. of this permit, the Permittee shall make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Documentation of solvent hourly consumption (lb/hr). [RCSA §22a-174-33(o)(2)]
- ii. Documentation of the monthly and consecutive 12 month solvent consumption. The consecutive 12 month solvent consumption shall be determined by adding the current month's consumption to that of the previous 11 months. [Permit 189-0217 and 189-0241, 40 CFR 63.467(b)(3)]

d. Reporting Requirements

- i. The Permittee shall report all exceedances of an allowable limit and all corrections of adjustments made to avoid an exceedance. [Permit 189-0217 and 189-0241]
- ii. The Permittee shall provide any records specified in Section III.E.2.c. to the commissioner within 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)]
- iii. The Permittee shall submit, to the commissioner, an annual report by February 1 of the year following the one for which the reporting is being made. This report shall include the requirements specified below: [Permit 189-0217 and 189-0241, 40 CFR 63.467(f)(3)]
 - A. A signed statement from the Permittee or his/her designee stating that, "All operators of the solvent cleaning machines have received training on the proper operation of solvent cleaning machines and the control devices sufficient to pass the test required in 40 CFR Part 63, Subpart T, Appendix A."
 - B. An estimate of solvent consumption for each solvent cleaning machine during the reporting period.

3. VOC/HAP Emissions

a. Limitation or Restriction

16.33 TPY (EU 78); 3,141 lb/month and 18.8 TPY (EU 85) [Permit 189-0217 and 189-0241]

b. Monitoring and Testing Requirements

The Permittee shall monitor the monthly VOC/HAP emissions from each solvent cleaning machine. VOC/HAP emissions shall be determined using the following equation: [Permit 189-0217 and 189-0241]

Section III: Applicable Requirements and Compliance Demonstration

Solvent Emitted (VOC/HAP) = Solvent Consumed - (Waste Solvent * % TCE)

Where,

Solvent consumed is the amount of solvent added to each solvent cleaning machine during the month plus the difference in the amount of solvent contained in the reservoir at the beginning and end of the month.

Waste solvent is the amount of solvent and contaminants removed from each solvent cleaning machine, measured monthly, and

% TCE is the percentage, by weight, of trichloroethylene present in the quantity manifested as determined by the manifest disposer.

c. Record Keeping Requirements

In accordance with Section VI.F. of this permit, the Permittee shall make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Documentation from the waste disposer certifying the quantity of waste solvent and the percentage of trichloroethylene present in the waste solvent for each shipment of waste solvent. The certification shall include the name of the waste disposer, the percentage of trichloroethylene in the waste solvent and the method used to determine the trichloroethylene content. [Permit 189-0217 and 189-0241]
- ii. Documentation of the monthly and consecutive 12 months TCE consumption, waste solvent and solvent emitted. The consecutive 12 month TCE consumption, waste solvent and solvent emitted shall be determined by adding the current month's consumption, waste solvent, and solvent emitted to that of the previous 11 months. [Permit 189-0217 and 189-0241]

d. Reporting Requirements

- i. The Permittee shall report all exceedances of an allowable limit and all corrections or adjustments made to avoid an exceedance. [Permit 189-0217 and 189-0241]
- ii. The Permittee shall provide any records specified in Section III F.3.c. to the commissioner within thirty 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. Freeboard Refrigeration Device

a. Limitation or Restriction

The chilled air blanket temperature shall not exceed 56°F. [Permit 189-0217 and 189-0241, 40 CFR 63.463 (e)(2)(i)]

b. Monitoring and Testing Requirements

The Permittee shall use a thermometer or thermocouple to measure the temperature at the center of the air blanket during the idling mode. [Permit 189-0217 and 189-0241, 40 CFR 63.466(a)(1)]

Section III: Applicable Requirements and Compliance Demonstration

c. Record Keeping Requirements

In accordance with Section VII.F. of this permit, the Permittee shall make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. After each idling mode, the Permittee shall document the results of the monitoring conducted in E.4.b. [Permit 189-0217 and 189-0241]
- ii. Documentation of any actions taken to comply with the chilled air blanket temperature. This documentation shall include records of written or verbal orders for replacement parts, a description of the repairs made, and additional monitoring conducted to demonstrate that the chilled air blanket temperature have returned to accepted levels. [Permit 189-0217 and 189-0218, 40 CFR 63.467(b)(1), 40 CFR 63.467(b)(2)]

d. Reporting Requirements

- i. The Permittee shall report all exceedances of an allowable limit and all corrections or adjustments made to avoid an exceedance. The Permittee shall submit an exceedance report to the Commissioner semi-annually. Once an exceedance has occurred, the Permittee shall follow a quarterly reporting format until a request to reduce reporting frequency is approved. Exceedance reports shall be submitted by the 30th day following the end of each calendar half or quarter, as appropriate. [Permit 189-0217 and 189-0241, 40 CFR 63.468 (h)]
- ii. The Permittee shall provide any records specified in Section III F.4.c. to the commissioner within thirty 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. Reduced Room Draft

a. Limitation or Restriction

The flow or movement of air across the top of the freeboard area or within the machine enclosure shall not exceed 50 ft/min. [Permit 189-0217 and 189-0241, 40 CFR 63.463(e)(2)(ii)A]

b. Monitoring and Testing Requirements

- i. If the reduced room draft is maintained by controlling room parameters (i.e., redirecting fans, closing doors and windows, etc.), the Permittee shall conduct an initial monitoring test of the wind speed and of room parameters, quarterly monitoring of wind speed and weekly monitoring of room parameters as specified below: [Permit 189-0217 and 189-0241, 40 CFR 63.466(d)(1)]
 - A. Measure the wind speed within six inches above the top of the freeboard area of the solvent cleaning machine using the following procedure:
 - Determine the direction of the wind current by slowly rotating a velometer until the maximum speed is located;
 - Orient the velometer in the direction of the wind current at each of the four corners of the machine;

Section III: Applicable Requirements and Compliance Demonstration

- Record the reading for each corner;
- Average the values obtained at each corner and record the average wind speed.

B. Monitor on a weekly basis the room parameters established during the initial compliance test that are used to achieve the reduced room draft.

- ii. If an enclosure (full or partial) is used to achieve the reduced room draft, the Permittee shall conduct an initial monitoring test and, thereafter, monthly monitoring tests of the wind speed within the enclosure and monthly visual inspection of the enclosure to determine if it is free of cracks, holes, and other defects. The direction of the wind current within the enclosure shall be determined by slowly rotating a velometer inside the entrance to the enclosure until the maximum speed is located. [Permit 189-0217 and 189-0241, 40 CFR 63.466(d)(2)]

c. Record Keeping Requirements

In accordance with Section VI.F. of this permit, the Permittee shall make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. The Permittee shall document, quarterly, the results of the monitoring conducted in E.5.b.i.A. [Permit 189-0217 and 189-0241]
- ii. The Permittee shall document any changes to the room parameters established during initial compliance test, as they occur. [RCSA §22a-174-33(o)(2)]
- iii. Documentation of any actions taken to comply with the reduced room draft requirements. This documentation shall include records of written or verbal orders for replacement parts, a description of the repairs made, and additional monitoring conducted to demonstrate that the reduced room draft have returned to accepted levels. [Permit 189-0217 and 189-0241, 40 CFR 63.467(b)(1), 40 CFR 63.467(b)(2)]

d. Reporting Requirements

- i. The Permittee shall report all exceedances of an allowable limit and all corrections or adjustments made to avoid an exceedance. The Permittee shall submit an exceedance report to the commissioner semi-annually. Once the exceedance has occurred, the Permittee shall follow a quarterly reporting format until a request to reduce reporting frequency is approved. Exceedance reports shall be submitted by the 30th day following the end of each calendar half or quarter, as appropriate. [Permit 189-0217 and 189-0241, 40 CFR 63.468(h)]
- ii. The Permittee shall provide any records specified in Section III.F.5.c. to the commissioner within 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)]

Section III: Applicable Requirements and Compliance Demonstration

6. Superheated Vapor

a. Limitation or Restriction

The solvent vapor temperature at the center of the superheated vapor zone shall be 197°F or greater. [Permit 189-0217 and 189-0241, 40 CFR 63.463(e)(2)(vi)(A)]

b. Monitoring and Testing Requirements

- i. The Permittee shall use a thermometer or thermocouple to measure the temperature at the center of the superheated solvent vapor zone while the solvent cleaning machine is in the idling mode. [Permit 189-0217 and 189-0241, 40 CFR 63.466(a)(2)]
- ii. The Permittee shall determine the proper minimum dwell time within the superheated vapor system and ensure that parts remain within the superheated vapor for at least the minimum dwell time. [Permit 189-0217 and 189-0241, 40 CFR 63.463(e)(2)(vi)(B), 40 CFR 63.463(e)(2)(vi)(C)]

c. Record Keeping Requirements

In accordance with Section VI.F. of this permit, the Permittee shall make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. After each idling mode, the Permittee shall document the results of the monitoring conducted in Section III.E.6.b. [Permit 189-0217 and 189-0241]
- ii. Documentation of any actions taken to comply with the superheated vapor requirement. This documentation shall include records of written or verbal orders for replacement parts, a description of the repairs made, and additional monitoring conducted to demonstrate that the temperature in the superheated vapor zone have returned to accepted levels. [Permit 189-0217 and 189-0241, 40 CFR 63.467(b)(1), 40 CFR 63.467(b)(2)]

d. Reporting Requirements

- i. The Permittee shall report all exceedances of an allowable limit and all corrections or adjustments made to avoid an exceedance. The Permittee shall submit an exceedance report to the commissioner semi-annually. Once the exceedance has occurred, the Permittee shall follow a quarterly reporting format until a request to reduce reporting frequency is approved. Exceedance reports shall be submitted by the 30th day following the end of each calendar half or quarter, as appropriate. [Permit 189-0217 and 189-0241, 40 CFR 63.468(h)]
- ii. The Permittee shall provide any records specified in Section III.F.6.c. to the commissioner within 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)]

7. Squeegee System

a. Limitation or Restriction

The squeegees shall be replaced at the time of or before the maximum product throughput is attained. [Permit 189-0217 and 189-0241, 40 CFR 63.463(e)(2)(ix)(D)]

Section III: Applicable Requirements and Compliance Demonstration

b. Monitoring and Testing Requirements

- i. The Permittee shall, on a weekly basis, visually inspect the continuous web part exiting the solvent cleaning machine to ensure that no solvent film is visible on the part. [Permit 189-0217 and 189-0241, 40 CFR 63.466(a)(3)]
- ii. The Permittee shall determine the maximum product throughput as follows:
 - A. Conduct daily monitoring of the continuous web part exiting the squeegee system until a visible solvent film is noted on the continuous web part. [Permit 189-0217 and 189-0241, 40 CFR 63.465(f)(1), 40 CFR 63.465(f)(2)]
 - B. Determine the length of continuous web product that has been cleaned using the squeegee system, from the time of replacement of the squeegee until the first visible solvent film is noted on the continuous web part. [Permit 189-0217 and 189-0241, 40 CFR 63.465(f)(3)]
 - C. The maximum product throughput shall be the time it takes to clean 95% of the length of product determined in Section III.E.7.b.ii.B. of this permit. [Permit 189-0217 and 189-0241, 40 CFR 63.465(f)(4)]
- iii. The Permittee shall re-determine the maximum product throughput for the squeegees if any solvent film is visible on the continuous web part immediately after it exists the cleaning machine. [Permit 189-0217 and 189-0241, 40 CFR 63.463(e)(2)(ix)(E)]

c. Record Keeping Requirements

In accordance with Section VI.F. of this permit, the Permittee shall make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Documentation of the test used and results obtained in determining the maximum product throughput. [Permit 189-0217 and 189-0241, 40 CFR 63.467(a)(6)]
- ii. Documentation of all visual inspections conducted on the web part. [Permit 189-0217 and 189-0241, 40 CFR 63.467(a)(6)]
- iii. Documentation of any actions taken to comply with the squeegee system requirements. This documentation shall include records of written or verbal orders for replacement parts, a description of the repairs made, and additional monitoring conducted to demonstrate that the squeegee system is operating as required. [Permit 189-0217 and 189-0241, 40 CFR 63.467(b)(2)]
- iv. Documentation of the length of continuous web part cleaned each week shall be maintained for the lifetime of the machines. [Permit 189-0217 and 189-0241, 40 CFR 63.467(a)(6)]

c. Reporting Requirements

- i. The Permittee shall report all exceedances of an allowable limit and all corrections or adjustments made to avoid an exceedance. The Permittee shall submit an exceedance report to the commissioner semi-annually. Once an exceedance has occurred, the Permittee shall follow a quarterly reporting format until a request to reduce reporting frequency is approved. Exceedance

Section III: Applicable Requirements and Compliance Demonstration

reports shall be submitted by the 30th day following the end of each calendar half or quarter, as appropriate. [Permit 189-0217 and 189-0241, 40 CFR 63.468(h)]

- ii. The Permittee shall provide any records specified in Section III.F.7.c. to the commissioner within 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. GROUPED EMISSION UNIT 5 (GEU-5) – Three Slitters EU-81, EU-82, & EU-83

1. VOC

a. Limitation or Restriction

Emissions from each slitter shall not exceed 8 lb/hr or 40 lb/day. [RCSA §22a-174-20(f)(2)]

b. Monitoring Requirements

- i. The Permittee shall monitor and record the weight and type of all organic containing materials used with each unit each month. [RCSA §22a-174-33(j)(1)(K)]
- ii. The Permittee shall monitor the hours that each unit is operating and using organic materials. [RCSA §22a-174-33(j)(1)(K)]

c. Record Keeping Requirements

In accordance with Section VI.F. of this permit, the Permittee shall make and maintain the following records. [RCSA §22a-174-33(o)(2)]

- i. Documentation of all organic containing materials used with each unit. [RCSA §22a-174-33(j)(1)(K)(ii)]
- ii. Documentation of the hours each unit is in operation. [RCSA §22a-174-33(j)(1)(K)(ii)]
- iii. Calculations of the emissions of organic materials from each unit shall be made for each hour and each day, provided that 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. Documentation in support of any assumptions or data used in these calculations shall also be maintained. [RCSA §22a-174-33(j)(1)(K)(ii)]

d. Reporting Requirements

- i. The Permittee shall provide the records specified in Section III.G.c. to the commissioner within 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)]

Section III: Applicable Requirements and Compliance Demonstration

H. 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. 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 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. Sulfur Compound Emissions:** The Permittee shall comply with the requirements for control of sulfur compound emissions as set forth in RCSA §22a-174-19 and RCSA §22a-174-19b.
- 15. Organic Compound Emissions:** The Permittee shall comply with the requirements for control of organic compound emissions as set forth in RCSA §22a-174-20.
- 16. Carbon Monoxide Emissions:** The Permittee shall comply with the requirements for control of carbon monoxide emissions as set forth in RCSA §22a-174-21.

Section III: Applicable Requirements and Compliance Demonstration

17. **Nitrogen Oxide Emissions:** The Permittee shall comply with the requirements for control of nitrogen oxide emissions as set forth in RCSA §22a-174-22.
18. **Emission Fees:** The Permittee shall pay an emission fee as set forth in RCSA §22a-174-26(d).
19. **Remediation Material (Trichloroethylene):** The Permittee must prepare and maintain at the facility, written documentation to support the following determination:
 - the total HAP quantity in remediation materials excavated, extracted, pumped or otherwise removed during all of the site remediation activities conducted at the facility, is less than 1 Mg annually.

The documentation must include a description of the methodology and data used for determining the total HAP content of the remediation material. 40 CFR 63.7881(c)(2)

20. **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).

Section IV: 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
EU-53 and EU-64	RCSA §22a-174-3a	Ametek shall submit complete air permit applications, in accordance with RCSA §22a-174-3a	Not more than 30 days after issuance of this Title V permit	n/a

Notwithstanding the above, the Permittee may be subject to state and/or federal enforcement action for the failure to apply for and obtain the applicable air permit prior to constructing and/or operating EU-53 and EU-64. Any such action may impose an earlier deadline for submission of the air permit applications required above. As such, the Permittee shall submit such applications by the earlier of 30 days from date of issuance of this permit or the date specified in such enforcement action.

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).

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.