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OAR-2004-0087

STATE OF DELAWARE
DEPARTMENT OF NATURAL RESOURCES
& ENVIRONMENTAL CONTROL
DIVISION OF AIR & WASTE MANAGEMENT
156 S. STATE STREET
DOVER, DELAWARE 19901

AIR QUALITY MANAGEMENT SECTION

TELEPHONE: (302) 739 - 4791
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October 1, 1999

07-15-05 A11:13 IN

DaimlerChrysler Corporation
Newark Assembly Plant
550 South College Avenue
Newark, DE 19714-6040

ATTENTION: J. A. Wolfe
Plant Manager

SUBJECT: Permit: AQM-003/00128

Dear Mr. Wolfe:

The Department has completed processing *DaimlerChrysler Corporation Newark Assembly Plant's* AQM-1001 series application dated December 3, 1996 and supplemental information that was submitted to the Department pursuant to Regulation No. 30 of the State of Delaware "Regulations Governing the Control of Air Pollution". The application indicated the facility is subject to Regulation No. 30 because nitrogen oxide ($NO_x$) emissions are greater than 25 tons per year (TPY); VOC emissions are greater than 25 TPY; hazardous air pollutants are greater than 10 TPY individually and 25 TPY in the aggregate; $SO_2$ emissions are greater than 100 TPY; and CO emissions are greater than 100 TPY. An operating permit satisfying the requirements of Regulation No. 30 is attached.

As the designated Responsible Official for ***DaimlerChrysler Corporation Newark Assembly Plant*** it is your responsibility to review, understand, and abide by all of the terms and conditions of the attached permit. It is also your responsibility to ensure that any person who operates any emission unit subject to any term or condition of the attached permit reviews, understands, and abides by the conditions of the attached permit that are applicable to that particular unit.

The attached permit specifies the terms and conditions, Conditions 2 through 6, under which ***DaimlerChrysler Corporation Newark Assembly Plant*** is permitted to operate the emission units listed in Condition 1 of the attached permit. In addition to the emission units listed in Condition 1, ***DaimlerChrysler Corporation Newark Assembly Plant*** is permitted to operate all activities with air emissions that are not listed in Condition 1 and that are designated as insignificant activities under Regulation No. 30 or designated as trivial activities under Appendix "A" of the Department's summary of the July 10, 1995, EPA "White Paper for Streamlined Development of Part 70 Permit Applications," notwithstanding Regulation No. 2 of the State of Delaware "Regulations Governing the Control of Air Pollution".

Condition 3(c)(2)(i) of the attached permit requires ***DaimlerChrysler Corporation Newark Assembly Plant*** to submit to the Department semi-annual monitoring reports not later than the first day of February and August of each calendar year. The first report shall be submitted not later than **February 1, 2000**, and shall cover the period from the issue date of this permit through December 31, 1999.

The attached permit covers only the operating permit requirements of Regulation No. 2 and Regulation No. 30. The attached permit does not satisfy future construction permit obligations. Prior to initiating any construction or modification activity, ***DaimlerChrysler Corporation Newark Assembly Plant*** must evaluate the applicability of, and, if required, secure necessary construction permit(s) pursuant to Regulation No. 2 or 25, and/or initiate necessary permit revision procedures pursuant to Regulation No. 2 and Regulation No. 30.

If you have any questions, please contact Andrea H. Danucalov in the New Castle Office at (302) 323-4542.

Sincerely,

Robert J. Taggart
Program Manager
Engineering & Compliance Branch

RJT:AM:AHD:sr
f:\ahd\ahd99051.AHD

pc: Dover File
Title V File
Ali Mirzakhalili (w/o attachments)
Andrea H. Danucalov
Tom Webster - *DaimlerChrysler Corporation Newark Assembly Plant*
Kathleen Henry, Section Chief
*Permit Program Section (3AP11)*
*United States Environmental Protection Agency*
*1650 Arch Street*
*Philadelphia, PA 19103-2029*

State of Delaware
Department of Natural Resources & Environmental Control
Division of Air & Waste Management
Air Quality Management Section
156 South State Street
Dover, DE 19901

# Regulation No. 30 (Title V) Operating Permit

Facility I.D. Number: 1000300128
Permit Number: AQM-003/00128

Effective Date: October 1, 1999 Expiration Date: November 16, 2003

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Pursuant to 7 Del. C., Chapter 60, Section 6003 and the State of Delaware "Regulations Governing the Control of Air Pollution," Regulation No. 2, Section 2 and Regulation No. 30, Section 7(b), approval of the Department of Natural Resources and Environmental Control (Department) is hereby granted to operate the emission units listed in Condition 1 of this permit; subject to the terms and conditions of this permit.

This approval is granted to:

| **Permittee** (hereafter referred to as "Company") | **Plant Site Location** (hereafter referred to as "Facility") |
|---|---|
| DaimlerChrysler Corporation Newark Assembly Plant<br>550 South College Avenue<br>Newark, DE 19714-6040<br>Responsible Official: J. A. Wolfe<br>Plant Manager | DaimlerChrysler Corporation Newark Assembly Plant<br>550 South College Avenue<br>Newark, DE 19714-6040 |

The nature of business of the Facility is transportation equipment. The Standard Industrial Classification code is 3711.

All terms and conditions of this permit are enforceable by the Department and by the U.S. Environmental Protection Agency (EPA) unless specifically designated as "State Enforceable Only." *(Reference Regulation No. 30 Section 6(b)(1), dated 11/15/93)*

Andrea H Danucalov
Andrea Danucalov
Engineer
Engineering & Compliance Branch
(302) 323-4542

10-1-99
Date

Robert J. Taggart
Robert J. Taggart
Program Manager
Engineering & Compliance Branch
(302) 323-4542

October 1, 1999
Date

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## Condition 1. Emission Unit Identification. *(Reference Regulation No. 30 Section 3(c)(1), dated 11/15/93)*

a. Emission Unit Information.

| Emission Units | Emission Unit Description |
|---|---|
| Emission Unit 1 | Boiler #1 |
| Emission Unit 2 | Boiler #2 |
| Emission Unit 3 | Boiler #3 |
| Emission Unit 4 | Boiler #4 |
| Emission Unit 5 | Boiler #5 |
| Emission Unit 6 | Dinamec |
| Emission Unit 7 | Finish Welding |
| Emission Unit 8 | Inspection and Grinding |
| Emission Unit 9 | Maintenance Paint Spray Booth |
| Emission Unit 10 | Phosphate Line |
| Emission Unit 11 | EDP Prime Coat Operation |
| Emission Unit 12 | E-Coat Sanding |
| Emission Unit 13 | Sealer Deck |
| Emission Unit 14 | UV Inspection |
| Emission Unit 15 | Powder Anti-Chip System |
| Emission Unit 16 | Main Sand Booth |
| Emission Unit 17 | Repair Sand Booth |
| Emission Unit 18 | Topcoat System (2 identical booths) |
| Emission Unit 19 | Inspection & Finesse |
| Emission Unit 20 | Blackout Application |
| Emission Unit 22 | Low-Bake Repair |
| Emission Unit 23 | Touch-Up Booth |
| Emission Unit 24 | Paint Sludge Dryer |
| Emission Unit 25 | Paint Mix Building |
| Emission Unit 26 | Brake Fluid/Antifreeze/Motor Oil/Transmission Oil/Windshield Fluid Fill |
| Emission Unit 27 | Gasoline Fill |
| Emission Unit 28 | Lamp Disposer |

| Emission Units | Emission Unit Description |
|---|---|
| Emission Unit 29 | Hot Water Generator #1 |
| Emission Unit 30 | Hot Water Generator #2 |
| Emission Units 34-50, 63-77 | Miscellaneous Combustion Units |
| Emission Unit 51 | Power Steering Tank |
| Emission Unit 52 | Motor Oil Tank |
| Emission Unit 53 | Antifreeze Tank |
| Emission Unit 54 | Transmission Fluid Tank |
| Emission Unit 55 | Gasoline Tank #1 |
| Emission Unit 56 | Gasoline Tank #2 |
| Emission Unit 57 | Resin Tank |
| Emission Unit E | 250,000 gallon No. 6 fuel oil storage tanks (Tanks D and E) |
| Emission Unit CCP1 | Clearcoat Purge Bulk Storage |
| Emission Unit OWR1 | Organic Waste Recovery |
| Emission Unit TA/001 | Pre-Wipe Bulk Tank |
| Emission Unit TA/002 | Cleaner Bulk Tank |
| Emission Unit 58 | Pigment Tank |
| Emission Unit 59 | EDP Storage |
| Emission Unit 60 | Glass Installation |
| Emission Unit 61 | Miscellaneous Productive Items |
| Emission Unit 62 | Miscellaneous Non-Productive Items |

b. Regulation No. 2 Permit Identification.

| Reference Number | Full Regulation No. 2 Permit Designation |
|---|---|
| APC-95/0569 | APC-95/0569 CONSTRUCTION/OPERATION (Amendment 1) issued August 16, 1996 |

## Condition 2. General Requirements.

a. Certification.

1. Each document submitted to the Department/EPA pursuant to this permit shall be certified by a Responsible Official as to truth, accuracy, and completeness. Such certification shall be signed by a Responsible Official and shall contain the following language: "I certify, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete." *(Reference Regulation No. 30 Section 5(f), dated 11/15/93 and 6(c)(1), dated 11/15/93)*

2. Any report of deviations required under Conditions 3(c)(2)(ii) or 3(c)(2)(iii) that must be submitted to the Department within ten (10) calendar days of the deviation, may be submitted in the first instance without a certification provided a certification meeting the requirements of Condition 2(a)(1) is submitted to the Department within ten (10) calendar days thereafter, together with any corrected or supplemental information required concerning the deviation. *(Reference Regulation No. 30 Section 6(a)(3)(iii)(D), dated 11/15/93)*

3. Each document submitted to the Department/EPA pursuant to this permit shall be sent to the following addresses:

| | |
|---|---|
| State of Delaware - DNREC<br>Division of Air and Waste Management<br>Air Quality Management Section<br>156 South State Street<br>Dover, DE 19901<br>Attn: Program Administrator | United States Environmental Protection Agency<br>Associate Director of Enforcement (3AP10)<br>1650 Arch Street<br>Philadelphia, PA 19103 |
| No. of copies: 2 | No. of copies: 1 |

b. Compliance.

1. The Company shall comply with all terms and conditions of this permit. Any noncompliance with this permit constitutes a violation of the applicable requirements under the Clean Air Act, and/or the State of Delaware "Regulations Governing the Control of Air Pollution," and is grounds for an enforcement action, for permit termination, revocation and reissuance or modification, or for denial of a permit renewal. *(Reference Regulation No. 30 Sections 6(a)(7)(i), dated 11/15/93)*

2. i. For applicable requirements with which the source is in compliance, the Company shall continue to comply with such requirements. *(Reference Regulation No. 30 Sections 5(d)(8)(iii)(A), dated 11/15/93, and 6(c)(3), dated 11/15/93)*

ii. For applicable requirements that will become effective during the term of this permit, the Company shall meet such requirements on a timely basis unless a more detailed schedule is expressly required by the applicable requirement. *(Reference Regulation No. 30 Sections 5(d)(8)(iii)(B), dated 11/15/93, and 6(c)(3), dated 11/15/93)*

3. Nothing in Condition 2(b)(1) of this permit shall be construed to preclude the Company from making changes consistent with Condition 2(m)(3) [Minor Permit Modifications] or Condition 4(a) [Operational Flexibility]. *[Reference Regulation No. 30 Sections 6(h), dated 11/15/93, and 7(e)(1)(v), dated 11/15/93]*

4. The fact that it would have been necessary to halt or reduce an activity in order to maintain compliance with the terms and conditions of this permit shall not constitute a defense for the Company in any enforcement action. Nothing in this permit shall be construed as precluding consideration of a need to halt or reduce activity as a mitigating factor in assessing penalties for noncompliance if the health, safety, or environmental impacts of halting or reducing operations would be more serious than the impacts of continuing operations. *[Reference Regulation No. 30 Section 6(a)(7)(iii), dated 11/15/93]*

5. The Company may seek to establish that noncompliance with a technology-based emission limitation under this permit was due to an emergency or a malfunction if both the record keeping requirements in Condition 3(b)(2)(iii) and the reporting requirements in Condition 3(c)(2)(ii)(A) are satisfied. *[Reference Regulation No. 30 Section 6(g)(2), dated 11/15/93]*

6. In any enforcement proceeding, the Company seeking to establish the occurrence of an emergency or malfunction has the burden of proof. This provision is in addition to any emergency or malfunction provision contained in any applicable requirement. *[Reference Regulation No. 30 Section 6(g)(4), dated 11/15/93 and 6(g)(5), dated 11/15/93]*

7. National Ambient Air Quality Standards:

   Any national ambient air quality standard or increment or visibility requirement under Part C (Prevention of Significant Deterioration of Air Quality) of Title I (Air Pollution Prevention and Control) of the *Act*, but only as it would apply to temporary sources permitted pursuant to section 504(e) (Inspection, Monitoring and Entry - Temporary Sources) of the *Act*. *[Reference Regulation No. 30 Section 2 dated 11/15/93]*

8. If required, the schedule of compliance in Condition 5(a) of this permit is supplemental to and shall not sanction noncompliance with the applicable requirements upon which it is based. *[Reference Regulation No. 30 Section 5(d)(8)(iii)(C), dated 11/15/93]*

9. Nothing in this permit shall be interpreted to preclude the use of any credible evidence to demonstrate noncompliance with any term of this permit. *[Reference 62 FR 8314, dated 2/24/97]*

c. Confidentiality. The Company may make a claim of confidentiality for any information or records submitted to the Department. However, by submitting a permit application, the Company waives any right to confidentiality as to the contents of its permit, and the permit contents will not be entitled to protection under 7 Del. C., Chapter 60, Section 6014. *[Reference Regulation No. 30 Section 5(a)(4), dated 11/15/93, 6(a)(3)(iii)(E), dated 11/15/93, and 6(a)(7)(v), dated 11/15/93]*

   1. Confidential information shall meet the requirements of 7 Del. C., Chapter 60, Section 6014, and 29 Del. C., Chapter 100. *[Reference Regulation No. 30 Section 5(a)(4), dated 11/15/93]*

2. If the Company submits information to the Department under a claim of confidentiality, the Company shall also submit a copy of such information directly to the EPA, if the Department requests that the Company do so. *(Reference Regulation No. 30 Section 5(a)(4), dated 11/15/93)*

d. Construction, Installation, or Alteration. The Company shall not initiate construction, installation, or alteration of any equipment or facility or air contaminant control device which will emit or prevent the emission of an air contaminant, except as provided in Condition 2(d)(2), prior to submitting an application to the Department under Regulation No. 2, and, when applicable, Regulation No. 25 and/or Regulation No. 38, and receiving approval of such application from the Department; except as exempted in Regulation No. 2 Section 2.2 of the State of Delaware "Regulations Governing the Control of Air Pollution." *(Reference Regulation No. 2 Section 2.1, dated 6/1/97 and Regulation No. 30, Section 7(b)(3), dated 11/15/93)*

1. The Company shall not construct new stationary sources, modify existing stationary sources, or operate existing stationary sources such that the plantwide annual and daily VOC and $NO_x$ are exceeded. So long as the company remains below the PAL limits for NOX and VOC, Federal NSR for those two pollutants will not be triggered. The Company shall comply with Regulation No. 25, "Preconstruction Review", for any proposed construction or modification increasing the plantwide VOC or $NO_x$ annual emission limits. *(Reference Permit APC-95/0569)*

2. ALTERNATE OPERATING SCENARIOS - Reference Permit APC-95/0569:
The following pre-approved changes shall be treated as alternate operating scenarios. The Company is approved to make the changes listed under (i) and (ii) of this condition. The Company shall comply with all certification, monitoring, testing, recordkeeping, and reporting requirements listed in this permit for the following pre-approved changes. Any change that is subject to a new applicable requirement as defined in Regulation 30 and not listed in this permit shall prior to implementation comply with Condition 2(d)(4) or Condition 2(d)(5) of this permit and shall comply with the requirements of Regulation No. 2, Regulation No. 25 and/or Regulation No. 38, as applicable and the permit revision procedures of Condition 2(m).
   i. Conventional pre-approved changes:
      A. The emission unit is replaced in kind or replaced with a unit with inherently lower emissions.
      B. Operational changes which will not increase the short term emission limit established in Condition 3 Table 1(w)(1)(i)(B).
      C. Any of the exemptions listed under Regulation No. 2, Appendix "A" dated 6/1/97.
   ii. PAL Pre-approved changes (for VOC and $NO_x$ sources only):
      A. in-kind replacement of an emissions unit or replacement with an inherently lower emitting unit.
      B. introduction of new types of VOC containing materials used for new models.
      C. changes in the number and type of applicator equipment.
      D. changes in the physical dimensions of each oven or booth to accommodate production needs.
      E. addition or elimination of auxiliary cleaning steps or minor coating operations which affect VOC emissions.

3. ALTERNATE OPERATING SCENARIOS: The Company shall maintain adequate records of the changes made at the facility under Condition 2(d)(2) so as to ensure proper recordkeeping and reporting of emissions. Calculations based on material balances, emissions factors and test data used to ensure and demonstrate that the emissions limits in Conditions 3 Table 1(w)(1)(i) and emission standards and/or emission limitations specified in Condition 3 Table 1 are not exceeded shall reflect such changes and shall be maintained for a period of five (5) years. Changes under Condition 2(d)(2) shall be those pre-approved changes recorded and reported pursuant to the recordkeeping, reporting, and compliance certification requirements listed in Condition 3. The Company shall comply with all applicable requirements as contained in this permit. In instances where the applicable requirements are not contained in this permit, the pre-approved change shall not be allowed. The Company shall follow the permit modifications procedure listed in Condition 2(m) and any preconstruction permitting requirements as detailed in Condition 2(d)(4), 2(d)(5), and 2(d)(6). *(Reference Permit APC-95/0569)*

4. Except for the pre-approved changes described in Condition 2(d)(2) of this permit, Regulation 2, Minor New Source Review, shall continue to apply to emission units that are proposed modifications with increases in associated VOC or $NO_x$ emissions or to proposed new emission units to be constructed with less than 25 tons per year potential to emit for VOC or $NO_x$. A complete application - meeting all of the requirements of Regulation No. 2 Section 11.2 paragraphs a through j - shall be submitted with sufficient information for public notice. The Company shall specifically follow the requirements of Regulation No. 2 Section 11.2(j) and Section 11.5 in order for the terms and conditions of the construction permit to be transferred into the Regulation No. 30 permit via the administrative permit amendment process specified in Regulation No. 30. The Department will follow the requirements under Regulation No. 2 Sections 12.3, 12.4, 12.5, and 12.6 as appropriate in order to comply with the administrative permit amendment procedures of Regulation No. 30. *(Reference Regulation No. 2 Sections 2, 11, and 12 dated 6/1/97 and Permit APC-95/0569)*

5. Except for the pre-approved changes in Condition 2(d)(2) of this permit, modification to an existing emission unit with a potential to increase emissions by 25 tons per year or greater of VOCs or $NO_x$ or new construction of an emission unit with a potential to emit greater than 25 tons per year VOC or $NO_x$ shall be subject to Regulation No. 2. No additional emission rate requirements will be added to the PAL permit so long as toxics concerns are adequately addressed, PAL limits are not exceeded, and best available control technology is incorporated in the installation. Best available control technology decisions will have an emphasis on pollution prevention rather than the more traditional end-of-pipe analysis. The Company shall submit a permit amendment request in accordance with Regulation No. 2 for an increase in the short term emission limit as stated in Condition No. 3 Table 1(w)(1)(i)(B) of this permit. A complete application - meeting all of the requirements of Regulation No. 2 Section 11.2 paragraphs a through j - shall be submitted with sufficient information for public notice. The Company shall specifically follow the requirements of Regulation No. 2 Section 11.2(j) and Section 11.5 in order for the terms and conditions of the construction permit to be transferred into the Regulation No. 30 permit via the administrative permit amendment process specified in Regulation No. 30. The Department will follow the requirements under Regulation No. 2 Sections 12.3, 12.4, 12.5, and 12.6

as appropriate in order to comply with the administrative permit amendment procedures of Regulation No. 30. *(Reference Permit APC-95/0569)*

6. MACT Determinations: The Company shall comply with Section 112(g) requirements as specified in the State of Delaware, "Regulations Governing the Control of Air Pollution," Regulation No. 38, "Emission Standards for Hazardous Air Pollutants for Source Categories." Preconstruction review requirements that may be triggered under this provision can not qualify as a pre-approved change. *(Reference APC-95/0569)*

e. Definitions/Abbreviations. Except as specifically provided for below, for the purposes of this permit, terms used herein shall have the same meaning accorded to them under the applicable requirements of the Clean Air Act and the State of Delaware "Regulations Governing the Control of Air Pollution."

1. "Act" means the Clean Air Act, as amended by the Clean Air Act Amendments of November 15, 1990, 42 U.S.C. 7401 et seq. *(Reference Regulation No. 30 Section 2, dated 11/15/93)*

2. "AP-42" means the Compilation Of Air Pollutant Emission Factors, Fifth Edition, AP-42, dated January 1995, as amended with Supplements "A", dated February 1996, and "B" dated November 1996.

3. "Auto and Light Duty Truck Body" means the exterior and interior surfaces of an automobile or light-duty truck including, but not limited to, hoods, fenders, cargo boxes, doors, grill opening panels, engine compartment, all or portions of the passenger compartment, and trunk interior. *(Reference Regulation No. 24 Section 13(b) dated 1/11/93)*

4. "CFR" means Code of Federal Regulations.

5. "Emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under this permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error. *(Reference Regulation No. 30 Section 6(g)(1), dated 11/15/93)*

6. "Malfunction" means any sudden and unavoidable failure of air pollution control equipment or process equipment or of a process to operate in a normal or usual manner, and that causes the source to exceed a technology-based emission limitation under this permit, due to unavoidable increases in emissions attributable to the malfunction. A malfunction shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error. *(Reference Regulation No. 30 Section 6(g)(1), dated 11/15/93)*

7. "Miscellaneous metal parts and products coating unit" means a coating unit in which a coating is applied to any miscellaneous metal parts and products.

8. "Miscellaneous parts and products" means any metal part or metal product, even if attached to or combined with a nonmetal part or product. Miscellaneous metal parts and products include, but are not limited to:

   i. Large farm machinery (harvesting, fertilizing and planting machines, tractors, combines, etc.).
   ii. Small farm machinery (lawn and garden tractors, lawn mowers, rototillers, etc.).
   iii. Small appliances (fans, mixers, blenders, crock pots, dehumidifiers, vacuum cleaners, etc.).
   iv. Commercial machinery (office equipment, computers and auxiliary equipment, typewriters, calculators, vending machines, etc.).
   v. Industrial machinery (pumps, compressors, conveyor components, fans, blowers, transformers, etc.).
   vi. Fabricated metal products (metal covered doors, frames, etc.).
   vii. Any other metal part or product that is within one of the following Standard Industrial Classification Codes: Major Group 33 (primary metal industries), Major Group 34 (fabricated metal products), Major Group 35 (nonelectric machinery), Major Group 36 (electrical machinery), Major Group 37 (transportation equipment), Major Group 38 (miscellaneous instruments), and Major Group 39 (miscellaneous manufacturing industries).
   viii. Application of underbody anti-chip materials (e.g., underbody plastisol) and coating application operations other than prime, primer surfacer, topcoat, and final repair operations at automobile and light-duty truck assembly plants.

   *[Reference Regulation No. 24 Section 22(b) dated 1/11/93]*

9. "Number 2 (No. 2) fuel oil" means distillate oil.

10. "Preventive Maintenance System" means the system by which the schedule and scope of periodic inspections and preventive maintenance activities for emission units and associated air pollution control devices are specified and the completion of work in the context of that schedule is recorded. The schedule and scope of such preventive maintenance and inspection activities are based on manufacturer specifications, adjusted to reflect the experience and needs of the user, practices unique to the site, and the service of the equipment. The system includes a documented schedule of activities to be completed and documentation on the completion of those activities. The preventive maintenance system shall apply to the emission unit and corresponding air pollution control device, if applicable.

11. "Reg." and "Regulation" mean State of Delaware "Regulations Governing the Control of Air Pollution."

12. "Regulations Governing the Control of Air Pollution" means the codification of those regulations enacted by the Delaware Department of Natural Resources and Environmental Control, in accordance with 7 Del. C., Chapter 60, Section 6010.

13. "Standard Operating Procedure" means a documented procedure for the start-up, operation, and shutdown of a particular emission unit including the air pollution control device, if applicable, reflecting the manufacturer's specifications, adjusted to address company experience and practices, as well as the unique aspects of the use of the emission unit. To the extent such standard operating procedures for critical emission units are not documented at the time this permit is issued, the company shall have such procedures documented within 6 months of the date of issuance.

14. "Topcoat Protocol" means the "Protocol for Determining the Daily Volatile Organic Compound Emission Rate of Automobile and Light Duty Truck Topcoat Operations," EPA-450-3-88-018, dated December 1988 and any subsequent revisions approved by the EPA and the State of Delaware Department of Natural Resources and Environmental Control.

f. Duty to Supplement.

1. Upon becoming aware of a failure to submit any relevant facts or a submittal of incorrect information in any permit application, the Company shall promptly submit to the Department such supplementary facts or corrected information. *[Reference Regulation No. 30 Section 5(b), dated 11/15/93]*

2. The Company shall promptly submit to the Department information as necessary to address any requirement(s) that become applicable to the source after the date it filed a complete application but prior to release of a corresponding draft permit. *[Reference Regulation No. 30 Section 5(b), dated 11/15/93]*

3. The Company shall furnish to the Department, upon receipt of a written request and within a reasonable time specified by the Department:

i. Any information that the Department determines is reasonably necessary to evaluate or take final action on any permit application submitted in accordance with Condition 2(l) or 2(m) of this permit. The Company may request an extension to any deadline the Department may impose on the response for such information. *[Reference Regulation No. 30 Section 5(a)(2)(iii), dated 11/15/93]*

ii. Any information that the Department requests to determine whether cause exists to modify, terminate or revoke this permit, or to determine compliance with the terms and conditions of this permit. *[Reference Regulation No. 30 Section 6(a)(7)(v), dated 11/15/93]*

iii. Copies of any record(s) required to be kept by this permit. *[Reference Regulation No. 30 Section 6(a)(7)(v), dated 11/15/93]*

g. Emission Trading. No permit revision shall be required under any approved economic incentives, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in the permit. *[Reference Regulation No. 30 Section 6(a)(9), dated 11/15/93]*

h. Fees. The Company shall pay fees to the Department consistent with the fee schedule established by the Delaware General Assembly. *[Reference Regulation No. 30 Section 6(a)(8), dated 11/15/93 and Section 9, dated 11/15/93]*

i. Inspection and Entry Requirements. Upon presentation of identification, the Company shall allow authorized officials of the Department to perform the following:

1. Enter upon the Company's premises where a source is located or an emissions-related activity is conducted, or where records that must be kept under the terms and conditions of this permit are located. *[Reference Regulation No. 30 Section 6(c)(2)(i), dated 11/15/93]*

2. Have access to and copy, at reasonable times, any record(s) that must be kept under the terms and conditions of this permit. *[Reference Regulation No. 30 Section 6(c)(2)(ii), dated 11/15/93]*

3. Inspect, at reasonable times and using reasonable safety practices, any facility, equipment (including monitoring and air pollution control equipment), practice, or operation regulated or required under this permit. *[Reference Regulation No. 30 Section 6(c)(2)(iii), dated 11/15/93]*

4. Sample or monitor, at reasonable times, any substance or parameter for the purpose of assuring compliance with this permit or any applicable requirement. *[Reference Regulation No. 30 Section 6(c)(2)(iv), dated 11/15/93]*

j. Permit and Application Consultation. The Company is encouraged to consult with Department personnel before submitting an application or, at any other time, concerning the operation, construction, expansion, or modification of any installation, or concerning the required pollution control devices or system, the efficiency of such devices or system, or the pollution problem related to the installation. *[Reference Regulation No. 30 Section 5(a)(1)(vii), dated 11/15/93]*

k. Permit Availability. The Company shall have available at the facility at all times a copy of this permit and shall provide a copy of this permit to the Department upon request. *[Regulation No. 2 Section 8.1, dated 6/1/97]*

l. Permit Renewal. This permit expires on *November 16, 2003* except as provided in Condition 2(l)(3) below. (Reference Regulation No. 30 Section 6(a)(2), dated 11/15/93)

1. Applications for permit renewal shall be subject to the same procedural requirements, including those for public participation, *affected state* comment, and EPA review, that apply to initial permit issuance under Regulation No. 30 Section 7(a), except that an application for permit renewal may address only those portions of the permit that the Department determines require revision, supplementing, or deletion, incorporating the remaining permit terms by reference from the previous permit. The Department may similarly, in issuing a draft renewal permit or proposed renewal permit, specify only those portions that will be revised, supplemented, or deleted, incorporating the remaining permit terms by reference. *[Reference Regulation No. 30 Section 7(c)(1), dated 11/15/93]*

2. The Company's right to operate shall cease upon the expiration date unless a timely and complete renewal application has been submitted to the Department not earlier than

ten (10) months nor later than six (6) months prior to the expiration date of this permit. *[Reference Regulation No. 30 Section 7(c)(2), dated 11/15/93]*

3. If a timely and complete application for a permit renewal is submitted to the Department pursuant to Regulation No. 30, Section 5(a)(2)(iv), dated 11/15/93, and Section 7(c)(1), dated 11/15/93, and the Department, through no fault of the Company, fails to take final action to issue or deny the renewal permit before the end of the term of this permit, then this permit shall not expire until the renewal permit has been issued or denied, and any permit shield granted for the permit shall continue in effect during that time. *[Reference Regulation No. 30 Section 7(c)(3), dated 11/15/93]*

m. Permit Revision and Termination.

1. This permit may be modified, revoked, reopened, and reissued, or terminated for cause. Except as provided under Condition 2(m)(3) [Minor Permit Modification], the filing of a request by the Company for a permit modification, revocation and reissuance, or termination, or of a modification of planned changes or anticipated noncompliance does not stay any term or condition of this permit. *[Reference Regulation No. 30 Section 6(a)(7)(iii), dated 11/15/93 and 7(e)(1)(v), dated 11/15/93]*

2. "Administrative Permit Amendment." When required, the Company shall submit to the Department a request for an administrative permit amendment in accordance with Regulation No. 30 Section 7(d) of the State of Delaware "Regulations Governing the Control of Air Pollution." *[Reference Regulation No. 30 Section 7(d), dated 11/15/93]*

3. "Minor Permit Modification." When required, the Company shall submit to the Department an application for a minor permit modification in accordance with Regulation No. 30 Section 7(e)(1) and 7(e)(2) of the State of Delaware "Regulations Governing the Control of Air Pollution." *[Reference Regulation No. 30 Section 7(e)(1), dated 11/15/93 and 7(e)(2), dated 11/15/93]*

   i. For a minor permit modification, during the period of time between the time the Company makes the change or changes proposed in the minor permit modification application and the time that the Department takes action on the application, the Company shall comply with both the applicable requirements governing the change and the proposed permit terms and conditions. During this period the Company, at its own risk, need not comply with the existing terms and conditions of this permit that it seeks to modify. *[Reference Regulation No. 30 Section 7(e)(1)(v), dated 11/15/93 and 7(e)(2)(v), dated 11/15/93]*

   ii. If the Company fails to comply with its proposed permit terms and conditions during this time period, the existing terms and conditions of this permit may be enforced against the Company. *[Reference Regulation No. 30 Section 7(e)(1)(v), dated 11/15/93 and 7(e)(2)(v), dated 11/15/93]*

4. "Significant Permit Modification." When required, the Company shall submit to the Department an application for a significant permit modification in accordance with

Regulation No. 30 Section 7(e)(3) of the State of Delaware "Regulations Governing the Control of Air Pollution." *(Reference Regulation No. 30 Section 7(e)(3), dated 11/15/93)*

5. i. When the Company is required to meet the requirements under section 112(g) of the *Act* or to obtain a preconstruction permit under the State of Delaware "Regulations Governing the Control of Air Pollution," the Company shall file a complete application to revise this permit within twelve (12) months of commencing operation of the construction or modification. *(Reference Regulation No. 30 Section 5(a)(1)(iv), dated 11/15/93)*

   ii. When the Company is required to obtain a preconstruction permit, the Company may submit an application to revise this permit for concurrent processing. The revision request for this permit when submitted for concurrent processing shall be submitted to the Department with the Company's preconstruction review application or at such later time as the Department may allow. Where this permit would prohibit such construction or change in operation, the Company shall obtain a permit revision before commencing operation. *(Reference Regulation No. 2 Sections 11.2(j), 11.5 and 12.4, dated 6/1/97, and Regulation No. 30 Section 5(a)(1)(iv), dated 11/15/93)*

   iii. Where an application is not submitted for concurrent processing, the Company shall obtain an operating permit under the State of Delaware "Regulations Governing the Control of Air Pollution" prior to commencing operation of the construction or modification to cover the period between the date operation is commenced and until such time as operation is approved under Regulation No. 30. *(Reference Regulation No. 2 Section 2.1, dated 6/1/97)*

6. "Permit Termination." The Company may at any time apply for termination of this permit in accordance with Regulation No. 30 Section 7(h)(4) or Section 7(h)(5) of the State of Delaware "Regulations Governing the Control of Air Pollution." *(Reference Regulation No. 30 Sections 7(h)(4), dated 11/15/93 and 7(h)(5), dated 11/15/93)*

n. Permit Transfer.

1. A change in ownership or operational control of this facility shall be treated as an administrative permit amendment where the Department has determined that no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the current and new owner has been submitted to the Department. *(Reference Regulation No. 30 Section 7(d)(1)(iv), dated 11/15/93)*

2. In addition to any written agreement submitted by the Company in accordance with Condition 2(n)(1), the Company shall have on file at the Department a statement meeting the requirements of 7 Del. C., Chapter 79, Section 7902. This permit condition is state enforceable only. *(Reference 7 Del. C., Chapter 79, dated 7/20/92)*

3. The written agreement required in Condition 2(n)(1) of this permit shall be provided to the Department within a minimum of thirty (30) calendar days prior to the specific date for transfer and shall indicate that the transfer is agreeable to both the current and new owner. *(Reference Regulation No. 2 Section 7.1, dated 6/1/97)*

o. Property Rights. This permit does not convey any property rights of any sort, or any exclusive privilege. *[Reference Regulation No. 30 Section 6(a)(7)(iv), dated 11/15/93]*

p. Risk Management Plan.

1. In the event this stationary source, as defined in 40 CFR Part 68.3, is subject to or becomes subject to 40 CFR Part 68, dated July 1, 1996, the owner or operator shall submit a risk management plan (RMP) by the date specified in Part 68.10 and shall certify compliance with the requirements of Part 68 as part of the annual compliance certification as required by 40 CFR Part 70. *[Reference Regulation No. 30 Section 6(a)(4), dated 11/15/93]*

2. If the Company is required to develop and register a risk management plan pursuant to the State of Delaware "Regulation for the Management of Extremely Hazardous Substances," the Company shall comply with the requirement to develop and register such a plan. *[Reference State of Delaware "Regulation for the Management of Extremely Hazardous Substances," dated 12/18/95]*

q. Protection of Stratospheric Ozone.

When applicable, this Facility shall comply with the following requirements: *[Reference 40 CFR Part 82 "Protection of Stratospheric Ozone," revised as of 7/1/97]*

1. The permittee shall comply with the standards for labeling of products using ozone-depleting substances pursuant to 40 CFR Part 82, Subpart E:

   i. All containers in which a class I or class II substance is stored or transported, all products containing a class I substance, and all products directly manufactured with a process that uses a class I substance must bear the required warning statement if it is being introduced into interstate commerce pursuant to § 82.106.
   ii. The placement of the required warning statement must comply with the requirements pursuant to § 82.108.
   iii. The form of the label bearing the required warning statement must comply with the requirements pursuant to § 82.110.
   iv. No person may modify, remove, or interfere with the required warning statement except as described in § 82.112.

2. Any person servicing, maintaining, or repairing appliances, except for motor vehicles, shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for MVACs in Subpart B. In addition, Subpart F applies to refrigerant reclaimers, appliance owners, and manufacturers of appliances and recycling and recovery equipment:

   i. Persons opening appliances for maintenance, service, repair, or disposal must comply with the prohibitions and required practices pursuant to § 82.154 and § 82.156.
   ii. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to § 82.158.
   iii. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to § 82.161.

iv. Persons performing maintenance, service, repair, or disposal of appliances must certify with the Administrator pursuant to § 82.158 and § 82.162.
v. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with record keeping requirements pursuant to § 82.166. ("MVAC-like appliance" as defined at § 82.152)
vi. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to § 82.156.

3. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR Part 82, Subpart F § 82.166.

4. If the permittee manufactures, transforms, destroys, imports, or exports a class I or class II substance, the permittee is subject to all the requirements as specified in 40 CFR Part 82, Subpart A, Production and Consumption Controls.

5. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

   The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. These systems are regulated under 40 CFR Part 82, Subpart F.

6. The permittee shall be allowed to switch from any ozone-depleting substance to any alternative that is listed as acceptable in the Significant New Alternatives Program (SNAP) promulgated pursuant to 40 CFR Part 82, Subpart G, Significant New Alternatives Policy Program.

r. Severability. The provisions of this permit are severable. If any part of this permit is held invalid, the application of such part to other persons or circumstances and the remainder of this permit shall not be affected thereby and shall remain valid and in effect. *(Reference Regulation No. 30 Section 6(a)(6), dated 11/15/93)*

## Condition 3. Specific Requirements

a. Emission Limitations/Standards and/or Operational Limitations/Standards. The Company shall comply with the emission limitations/standards and operational limitations/standards detailed in Condition 3 - Table 1 of this permit. *(Reference Regulation No. 30 Section 6(a)(1), dated 11/15/93)*

b. Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping). The Company shall maintain, at a minimum, all of the information required under Conditions 3(b)(1) and 3(b)(2) of this permit for a minimum of five (5) years from such information's date of record. *(Reference Regulation No. 30 Section 6(a)(3)(ii)(B), dated 11/15/93)*

1. i. Specific Requirements. The Company shall comply with the operational limitations, monitoring, testing, and record keeping requirements detailed in Condition 3 - Table 1 which are in addition to those in Conditions 3(b)(1)(ii) and 3(b)(2). *[Reference Regulation No. 30 Section 6(a)(1), dated 11/15/93, 6(a)(3)(i), dated 11/15/93, and 6(a)(10), dated 11/15/93]*

   ii. General Testing Requirements. Upon written request of the Department, the Company shall, at the Company's expense, sample the emissions of, or fuel used by, an air contaminant emission source, maintain records and submit reports to the Department on the results of such sampling. *[Reference Regulation No. 17, Section 2.2, dated 7/17/84]*

2. General Record Keeping Requirements. The Company shall record, at a minimum, all of the following information.

   i. If required, for each operating scenario identified in Condition 3 - Table 1 and Condition 2(d)(2) of this permit, a log that indicates the operating scenario under which each particular emission unit is operating. The Company shall, contemporaneously with changing from one operating scenario to another, record in this log the scenario under which it is operating. *[Reference Regulation No. 30 Section 6(a)(10), dated 11/15/93]*

   ii. The following information to the extent specified in Condition 3 - Table 1 of this permit. *[Reference Regulation No. 30 Section 6(a)(3)(ii)(A), dated 11/15/93]*

      A. The date, place, and time of the sampling or measurements. *[Reference Regulation No. 30 Section 6(a)(3)(ii)(A)(aa), dated 11/15/93]*

      B. The date(s) analyses were performed. *[Reference Regulation No. 30 Section 6(a)(3)(ii)(A)(bb), dated 11/15/93]*

      C. The company or entity that performed the analyses. *[Reference Regulation No. 30 Section 6(a)(3)(ii)(A)(cc), dated 11/15/93]*

      D. The analytical techniques or methods used. *[Reference Regulation No. 30 Section 6(a)(3)(ii)(A)(dd), dated 11/15/93]*

      E. The results of such analyses. *[Reference Regulation No. 30 Section 6(a)(3)(ii)(A)(ee), dated 11/15/93]*

      F. The operating conditions as existing at the time of sampling or measurement. *[Reference Regulation No. 30 Section 6(a)(3)(ii)(A)(ff), dated 11/15/93]*

   iii. If the Company is claiming the affirmative defense of emergency or malfunction as provided in Condition 2(b)(5); properly signed, contemporaneous operating log(s), or other relevant evidence which indicates that: *[Reference Regulation No. 30 Section 6(g)(3), dated 11/15/93]*

      A. An emergency or malfunction occurred and the cause(s) of the emergency or malfunction. *[Reference Regulation No. 30 Section 6(g)(3)(i), dated 11/15/93]*

B. The facility was at the time of the emergency or malfunction being operated in a prudent and professional manner and in compliance with generally accepted industry operations and maintenance procedures. *(Reference Regulation No. 30 Section 6(g)(3)(iii), dated 11/15/93)*

C. During the period of the emergency or malfunction the Company took all reasonable steps to minimize levels of emissions that exceeded the emission standard(s), or other requirement(s) of this permit. *(Reference Regulation No. 30 Section 6(g)(3)(iii), dated 11/15/93)*

iv. A copy of the written notice required by Condition 3(c)(2)(iii) for each change made under Condition 4(c) (Operational Flexibility) of this permit shall be maintained with a copy of this permit. *(Reference Regulation No. 30 Section 6(h)(1), dated 11/15/93)*

c. Reporting and Compliance Certification Requirements.

1. Specific Reporting/Certification Requirements. The Company shall comply with the Reporting/Certification Requirements detailed in Condition 3 - Table 1 of this permit, which are in addition to those of Conditions 3(c)(2) and 3(c)(3). Each report that contains any deviation(s) from the terms of Condition 3 - Table 1 shall identify the probable cause of the deviation(s) and any corrective action(s) or preventative measure(s) taken. *(Reference Regulation No. 30 Sections 6(a)(3)(iii), dated 11/15/93, 6(a)(3)(iii)(C)(cc), dated 11/15/93, and 6(a)(3)(iii)(C)(dd), dated 11/15/93)*

2. General Reporting Requirements.

i. The Company shall submit to the Department a report of any required monitoring not later than the first day of August (covering the period from January 1 through June 30) and the first day of February (covering the period July 1 through December 31) of each calendar year. Each report shall identify any deviation(s) from permit requirements since the previous report, any deviation(s) from the monitoring, record keeping and reporting requirements under this permit, and the probable cause of the deviation(s) and any corrective actions or preventative measures taken. If no deviation(s) has occurred such shall be stated in the report. *(Reference Regulation No. 30 Section 6(a)(3)(iii)(A), dated 11/15/93 and (B), dated 11/15/93, and Section 6(a)(3)(iii)(C)(dd), dated 11/15/93)*

ii. In addition to the semiannual monitoring reports required under Condition 3(c)(2)(i), the Company shall submit to the Department supplemental written report(s)/notice(s) identifying all deviations from permit conditions, probable cause of the deviations, and any corrective actions or preventative measures as follows: *(Reference Regulation No. 30, Sections 6(a)(3)(iii)(C)(cc), dated 11/15/93 and 6(a)(3)(iii)(C)(dd), dated 11/15/93)*

A. If the Company is claiming the affirmative defense of emergency or malfunction as provided in Condition 2(b)(5) of this permit, a notice of any deviation resulting from emergency or malfunction conditions shall be reported to the Department within two (2) working days of the date on which the Company first becomes aware of the deviation if the Company wishes to assert the affirmative defense authorized under Regulation No. 30 Section 6(g). Such

notice shall contain a description of the emergency or malfunction, any steps taken to mitigate emissions, and any corrective actions taken. *[Reference Regulation No. 30 Sections 6(a)(3)(iiii)(C)(aa), dated 11/15/93 and 6(g)(3)(iv), dated 11/15/93]*

B. Emissions in excess of any permit condition or emissions which create a condition of air pollution shall be reported to the Department:

1. Immediately upon discovery and after activating the appropriate site emergency plan to the Department's 24-hour complaint line (1-800-662-8802) any deviation that poses an imminent and substantial danger to public health, safety, or the environment. *[Reference Regulation No. 30 Section 6(a)(3)(iiii)(C)(bb), dated 11/15/93]*

2. Immediately upon discovery to the Department's 24-hour complaint line. (State Enforceable Only) *[Reference Regulation No. 30 Section 6(a)(3)(iiii)(C)(cc), dated 11/15/93]*

3. In a written report pursuant to Condition 3(c)(2)(i) and/or the specific reporting requirements listed in Condition 3 - Table (1). *[Reference Regulation No. 30 Sections 6(a)(3)(iiii)(C)(cc), dated 11/15/93 and 6(a)(3)(iiii)(C)(dd), dated 11/15/93]*

C. Discharges to the atmosphere in excess of any quantity specified in the State of Delaware "Reporting of a Discharge of a Pollutant or an Air Contaminant" Regulation shall be reported, immediately upon discovery and after activating the appropriate site emergency plan, either in person or to the Department's 24-hour complaint line (1-800-662-8802). Discharges in compliance with this permit and excess emissions previously reported under Condition 3(c)(2)(ii)(B) of this permit are exempt from this reporting requirement. *[Reference Regulation No. 30 Section 6(a)(3)(iiii)(C)(ee), dated 11/15/93 and 7 Del. C., Chapter 60, Section 6028]*

iii. Prior to making a change as provided in Condition 4 [Operational Flexibility] of this permit the Company shall give written notice to the Department and the EPA at least seven (7) calendar days before the change is to be made. *[Reference Regulation No. 30 Section 6(h)(1), dated 11/15/93]*

A. The seven (7) day period may be shortened or eliminated as necessary for a change that must be implemented more quickly to address unanticipated conditions posing a significant health, safety, or environmental hazard. *[Reference Regulation No. 30 Section 6(h)(1), dated 11/15/93]*

B. If less than seven (7) calendar days notice is provided because of a need to respond more quickly to such unanticipated conditions, the Company shall provide notice to the Department and to EPA as soon as possible after learning of the need to make the change, together with the reason(s) why advance notice could not be given. *[Reference Regulation No. 30 Section 6(h)(1), dated 11/15/93]*

C. The written notice shall include all of the following information: *[Reference Regulation No. 30 Section 6(h)(1), dated 11/15/93]*

1. The identification of the affected emission unit(s) and a description of the change to be made.

2. The date on which the change will occur.

3. Any changes in emissions.

4. Any permit terms and conditions that are affected, including any new applicable requirements.

iv. The Company shall submit to the Department an annual emissions statement in accordance with Regulation No. 17 Section 7 not later than April 30 of each year, or other date as established by the Department, unless an extension by the Department is granted. Such emissions statement shall cover the preceding calendar year. *[Regulation No. 17 Section 7, dated 1/11/93]*

v. If required, the Company shall submit to the Department a progress report for applicable requirement(s) identified in Condition 5 - Table 1 of this permit. Such reports shall be submitted not later than the first day of August (covering the period from January 1 through June 30) and the first day of February (covering the period July 1 through December 31) of each calendar year. Each progress report shall include the following: *[Reference Regulation No. 30 Sections 5(d)(8), dated 11/15/93 and 6(c)(4), dated 11/15/93]*

A. Dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved. *[Reference Regulation No. 30 Section 6(c)(4)(i), dated 11/15/93]*

B. An explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted. *[Reference Regulation No. 30 Section 6(c)(4)(ii), dated 11/15/93]*

vi. Nothing herein shall relieve the Company from any reporting requirements under federal, state or local laws. *[Reference Regulation No. 30 Section 6(a)(3)(iii)(C)(ee), dated 11/15/93]*

3. General Compliance Certification Requirements.

i. Compliance with terms and conditions detailed in Condition 3 - Table 1 of this permit shall be certified to the Department not later than the first day of February of each year unless the terms or conditions in Condition 3 - Table 1 require compliance certifications to be submitted more frequently. Such certification shall cover the previous calendar year and shall be submitted on Form AQM-100188. The Compliance Certification shall include the following information: *[Reference Regulation No. 30 Section 6(c)(5)(i), dated 11/15/93]*

A. The identification of each term or condition of the permit that is the basis of the certification. *[Reference Regulation No. 30 Section 6(c)(5)(iii)(A), dated 11/15/93]*

B. The Company's current compliance status, as shown by monitoring data and other information reasonably available to the Company. *(Reference Regulation No. 30 Section 6(c)(5)(iii)(B), dated 11/15/93)*

C. Such certification shall indicate whether compliance was continuous or intermittent during the covered period. *(Reference Regulation No. 30 Section 6(c)(5)(iii)(C), dated 11/15/93)*

D. The method(s) used for determining the compliance status of the Company, currently and over the reporting period as required by the monitoring, record keeping, and reporting required under Condition 3. *(Reference Regulation No. 30 Section 6(c)(5)(iii)(D), dated 11/15/93)*

E. Such other facts as the Department may require to determine the compliance status of the source. *(Reference Regulation No. 30 Section 6(c)(5)(iii)(E), dated 11/15/93)*

ii. Each compliance certification shall be submitted to the Department and EPA and shall be certified in accordance with Condition 2(a) of this permit. *(Reference Regulation No. 30 Section 6(c)(5)(iv), dated 11/15/93)*

iii. Any additional information possessed by the Company that demonstrates noncompliance with any applicable requirement must also be used as the basis for compliance certifications. *(Reference 62 FR 8314, dated 2/24/97)*

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| a. Emission Unit Nos. 1, 2, 3, 4, & 5 (Boiler Nos. 1 through 5) | | |
| 1. Sulfur Oxides<br>i. Emission Standard:<br>The Company shall not purchase for use and shall not use No. 6 fuel oil having a sulfur content greater than one (1.0) percent by weight in any fuel burning equipment. *(Reference Regulation No. 8 Section 2.1 dated 5/9/85 and Permit APC-95/0569)* | ii. Compliance Method:<br>Compliance shall be demonstrated through fuel supplier certification for each delivery of No. 6 fuel oil received at the facility or, alternatively, the Company may collect a sample and analyze for the sulfur content for each delivery of No. 6 fuel oil received at the facility provided the monitoring/testing and recordkeeping requirements of this condition are adhered to. Compliance shall be demonstrated through the monitoring/testing and recordkeeping requirements of this condition. *(Reference: Regulation No. 30, Section 6(a)(3) dated 11/15/93.)*<br>iii. Monitoring/Testing:<br>The method used to determine the sulfur content must be one of the following ASTM methods: D129-91, D1552-90, D2622-92, D4294-90. *(Reference Regulation No. 8 Section 2.4 dated 5/9/85 and DAWM Policy for Alternate Testing Methods)*<br>iv. Record Keeping:<br>A. Fuel Supplier Certification:<br>Fuel supplier certification for each No. 6 fuel oil shipment received at the facility. Such certification shall indicate:<br>1. The name of the fuel supplier.<br>2. Date delivered.<br>3. Amount delivered.<br>4. Oil sampling method. | v. Reporting Requirement:<br>All exceedances in accordance with Condition 3(c)(2) and Condition 3 Table 1(w)(1)(v) of this permit.<br><br>vi. Compliance Certification:<br>None in addition to those listed in Condition 3(c)(3) of this permit. |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | 5. The sulfur content of the No. 6 fuel oil.<br>6. The method used to determine the sulfur content.<br>*[Reference Regulation No. 30, Section 6(a)(3) dated 11/15/93 and Regulation No. 8 Section 2.3 dated 5/9/85]*<br>B. Collection and Analysis of Sulfur Content by the Company:<br>For each shipment of No. 6 fuel oil received at the facility, the Company shall record the following information:<br>1. The name of the fuel supplier.<br>2. Date delivered.<br>3. Amount delivered.<br>4. Oil sampling method.<br>5. The sulfur content of the No. 6 fuel oil.<br>6. The method used to determine the sulfur content.<br>*[Reference Regulation No. 30, Section 6(a)(3) dated 11/15/93 and Regulation No. 8 Section 2.3 dated 5/9/85]* | |
| 2. Particulate<br>i. Emission Standard: The Company shall not cause or allow the emission of particulate matter in excess of 0.3 lb/mmBTU heat input, maximum 2-hour average. *[Reference: Regulation No. 4 Section 2.1 dated 2/1/81]*<br>ii. Operational Limitation:<br>The Company shall only combust natural gas or No. 6 fuel oil in emission units nos. | iii. Compliance Method:<br>Compliance with the emission standard of this condition shall be based upon compliance with the operational limitation and monitoring/testing and recordkeeping requirements of this condition. *[Reference: Regulation No. 30, Section 6(a)(3) dated 11/15/93]*<br>iv. Monitoring/Testing:<br>The Company shall monitor the type of fuel burned in the boilers in the powerhouse. | vi. Reporting Requirement:<br>None in addition to Condition 3(c)(2) and Condition 3 Table 1(w)(1)(v) of this permit.<br><br>vii. Compliance Certification:<br>None in addition to Condition 3(c)(3) of this permit. |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| 1, 2, 3, 4, and 5. *[Reference Permit APC-95/0569]* | *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>A. A tank gauge shall be used to measure the amount of No. 6 fuel oil combusted in the powerhouse. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>B. A natural gas meter shall be used to measure the amount of natural gas combusted in the powerhouse. The Company shall work with the fuel supplier to ensure that the fuel flow meters are operating properly. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>v. Recordkeeping Requirement:<br>The Company shall record the type and amount of fuel burned each calendar month in the powerhouse. *[Reference Regulation No. 30, Section 6(a)(3)(i)(B) dated 11/15/93]* | |
| 3. State Enforceable Only<br>i. Operational Limitation:<br>The capability to preheat fuel shall be maintained when No. 6 fuel oil is being consumed. *[Reference Permit APC-95/0569]* | ii. Compliance Method:<br>Compliance with the operational limitation of this condition shall be demonstrated through the testing and monitoring/recordkeeping requirements of this condition. *[Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93]*<br>iii. Testing:<br>None in addition to Condition 3(b)(1)(ii) of this permit.<br>iv. Monitoring/Recordkeeping:<br>Monthly, when oil is being consumed, the Company shall inspect and record that the capability to preheat No. 6 fuel oil is being | v. Reporting Requirement: There are no additional reporting requirements to those listed in Condition 3(c)(2) and Condition 3 Table 1(w)(1)(v) of this permit.<br><br>vi. Compliance Certification: There are no additional certification requirements to those listed in Condition 3(c)(3) of this permit. |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | maintained. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]* | |
| 4. Visible Emissions<br>i. Emission Standard:<br>The Company shall not cause or allow the emission of visible air contaminants and/or smoke from any emission unit, the shade or appearance of which is greater than twenty (20) percent opacity for an aggregate of more than three (3) minutes in any one (1) hour or more than fifteen (15) minutes in any twenty-four (24) hour period. *[Reference Regulation No. 14 Section 2.1 dated 7/17/84]* | ii. Compliance Method:<br>Compliance shall be demonstrated in accordance with the monitoring, testing, and recordkeeping requirements of this condition. *[Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93]*<br>iii. Monitoring:<br>A. The Company shall for each emission point conduct a daily survey during daylight hours to detect the presence or absence of visible emissions whenever No. 6 fuel oil is burned in that emission unit corresponding to the emission point to be monitored. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>B. The Company shall for each emission point conduct a survey during daylight hours to detect the presence or absence of visible emissions once every thirty (30) calendar days whenever natural gas is burned in that emission unit corresponding to the emission point to be monitored. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>C. The Company shall take immediate corrective actions upon detection of the presence of visible emissions which may include but not be limited to shut down, maintenance, and/or verification of visible emissions per the methodology of Condition 3 Table 1(a)(4)(iv)(B) by a | vi. Reporting Requirements:<br>None in addition to Condition 3(c)(2) and Condition 3 Table 1(w)(1)(v) of this permit.<br><br>vii. Compliance Certification:<br>None in addition to Condition 3(c)(3) of this permit. |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | certified smoke reader. The Company shall re-evaluate the emission point for visible emissions within two calendar days after corrective actions have been taken. The presence of visible emissions shall be cause for corrective action in terms of maintenance or conducting visible emissions testing per Condition 3 Table 1(a)(4)(iv)(B) to verify compliance or noncompliance. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>D. Visible emissions testing utilizing the procedure in Condition 3 Table 1(a)(4)(iv)(B) shall be conducted a minimum of once each calendar quarter while the emission units are in operation and by a certified smoke reader. No visible emissions testing per Condition 3 Table 1(a)(4)(iv)(B) is required for an emission unit that has burned only natural gas for the previous quarter. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>iv. Testing:<br>A. 1. "Survey during daylight hours of emission point for the presence or absence of visible emissions" shall be defined as a period of twenty (20) consecutive minutes. The survey of emission units concurrently is acceptable provided all emission points are easily observable from the observer's | |

Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | position. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>2. The detection of the presence or absence of visible emissions shall be in accordance with the procedures of EPA Reference Method 22 paragraphs 4 and 5. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>3. If emissions are observed for three (3) consecutive minutes, the observation may be stopped and corrective actions or visible emissions testing per Condition 3 Table 1(a)(4)(iv)(B) conducted. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>4. This procedure does not require that the opacity of the emissions be determined. Since this procedure requires only the determination of whether a visible emission occurs and does not require the determination of opacity levels, observer certification according to the procedures of EPA Reference Method 9 are not required. However, it is necessary that the observer is educated on the general procedures for determining the presence of visible emissions. As a minimum, the observer must be trained and knowledgeable regarding | |

Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | the effects on visibility of emissions caused by background contrast, ambient lighting, observer position relative to lighting, wind, and the presence of uncombined water (condensing water vapor). This training can be obtained from the lecture portion of the EPA Reference Method 9 certification course. *(Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93)*<br>B. Conduct visual observations at fifteen second intervals for a period of not less than one hour except that the observations may be discontinued whenever a violation of the standard is recorded. The additional procedures, qualification and testing to be used for visually determining the opacity shall be those specified in Section 2 and 3 (except for Section 2.5 and the second sentence of Section 2.4) of reference Method 9 set forth in Appendix A, 40 CFR Part 60 revised July 1, 1982. *(Reference Regulation No 20 Section 1.5(c)(1) dated 12/7/88)*<br>v. Recordkeeping:<br>The Company shall maintain the following records on site and made available to the Department upon request:<br>A. Observation records shall be maintained. *(Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93)* | |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | B. Records of all routine and non-routine maintenance and corrective actions. *(Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93)*<br>C. Records of personnel and/or contractor certification per the requirements of EPA Reference Method 9. *(Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93)*<br>D. Records of personnel and/or contractor training per the requirements of Condition 3 Table 1(a)(4)(iv)(A). *(Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93)* | |
| 5. Nitrogen Oxides State Enforceable Only<br>This state enforceable section shall become federally enforceable upon approval of the State Implementation Plan containing this regulation by the administrator of the EPA.<br><br>i. Operational Limitation:<br>During the ozone season (April 1 through October 31 of each year), the Company shall utilize natural gas in the boilers located in the powerhouse with a minimum 90% availability. *(Reference Regulation No. 12 Section 3.6 dated 11/24/93 and Permit APC-95/0569)* | ii. Compliance Method:<br>Compliance with the operational limitation of this condition shall be demonstrated by the monitoring/recordkeeping and testing requirements of this condition. *(Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93)*<br>iii. Monitoring/Recordkeeping:<br>The Company shall monitor and record the type of fuel fired each calendar month in the emission units from April 1 through October 31 of each year. *(Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93 and Permit APC-95/0569)*<br>iv. Testing:<br>None in addition to that required by Condition 3(b)(1)(ii). | v. Reporting Requirement:<br>The Company shall, for each occurrence of excess emissions, within thirty (30) calendar days of becoming aware of such occurrence, supply the Department in writing with the following information, in addition to complying with any other reporting requirements mandated by the State of Delaware:<br>A. The name and location of the facility.<br>B. The subject source(s) that caused the excess emissions.<br>C. The time and date of first observation of the excess emissions.<br>D. The cause and expected duration of the excess emissions.<br>E. The proposed corrective action(s) and schedule to correct the condition(s) causing the excess emissions. |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | | *(Reference Regulation No. 12 Section 7.3 paragraphs a, b, c, d, and f dated 11/24/93 and Permit APC-95/0569)*<br><br>vi. Compliance Certification: That required by Condition 3(c)(3) and Condition 3 Table 1(w)(1)(vi) of this permit. *(Reference Permit APC-95/0569)* |
| 6. State Enforceable Only<br>i. Operational Limitation<br>During all periods of operation, the boilers shall be operated at the highest practical combustion efficiency, but at no time shall the combustion efficiency be less than 75 percent (%). *(Reference Permit APC-95/0569)* | ii. Compliance Method:<br>Compliance with the operational limitation of this condition shall be demonstrated by the monitoring/testing and recordkeeping requirements of this condition. *(Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93)*<br>iii. Monitoring/Testing:<br>A. The efficiency shall be determined by flue gas oxygen or carbon dioxide analysis and flue gas net temperature once every thirty (30) days during a period in which the emission units are operational. *(Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93 and Permit APC-95/0569)*<br>B. If the emission unit(s) is operated intermittently, then the efficiency shall be determined when the emission unit is operating. *(Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93)*<br>iv. Recordkeeping:<br>A. The Company shall record the combustion efficiency and the date the test was performed. *(Reference Regulation No 30 Section 6(a)(3)(i)(B) dated 11/15/93)*<br>B. The Company shall record the method used to determine the combustion | v. Reporting Requirement:<br>None in addition to those listed in Condition 3(c)(2) and Condition 3 Table 1(w)(1)(v) of this permit.<br><br>vi. Compliance Certification:<br>None in addition to those listed in Condition 3(c)(3) of this permit. |

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## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | efficiency. *(Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93)*<br>C. The Company shall record the operating rate (expressed in pounds (lbs) steam per hour (hr) or fuel feed (gallons per hour or cubic feet per hour)) of the emission unit at the time of the combustion efficiency testing. *(Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93)* | |
| **b. Emission Unit No. 6 - Dinamec<br>Emission Unit No. 7 - Finish Welding<br>Emission Unit No. 8 - Inspection and Grinding** | | |
| 1. Particulate -<br>i. Emission Standard:<br>The particulate emission rate shall not exceed 0.2 grain per standard cubic foot. *(Reference Regulation No. 5 Section 2.1 dated 2/1/81 and Permit APC-95/0569)*<br>ii. Operational Limitation:<br>A. The Company shall not operate emission unit no. 6 unless the corresponding air contaminant control device is operating properly. *(Reference Regulation No. 30 Section 6(a)(1) dated 11/15/93)*<br>B. The Company shall operate and maintain emission units nos. 6, 7, and 8 including associated air pollution control equipment, where applicable, in a manner to minimize emissions and consistent with good air pollution control practice, which shall be | iii. Compliance Method:<br>Compliance with the emission standard shall be demonstrated by compliance with the operational limitation as supported by the monitoring/recordkeeping and testing requirements of this condition. *(Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93)*<br>iv. Monitoring/Recordkeeping:<br>A. The Company shall maintain a copy of the operation and maintenance procedures in accordance with the facility's standard operating procedures and preventive maintenance system. *(Reference Regulation No 30 Section 6(a)(3)(i)(B) dated 11/15/93)*<br>B. The Company shall log routine and non-routine maintenance performed on the air pollution control equipment. *(Reference Regulation No 30 Section 6(a)(3)(i)(B) dated 11/15/93)* | vi. Reporting Requirement:<br>None in addition to those listed in Condition 3(c)(2) and Condition 3 Table 1(w)(1)(v) of this permit.<br><br>vii. Compliance Certification:<br>None in addition to those listed in Condition 3(c)(3) of this permit. |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| demonstrated through adherence to the facility's standard operating procedures and preventive maintenance system. The scope of the operating and maintenance procedures identified in the facility's standard operating procedures and preventive maintenance system shall consider the following: which may include but is not limited to, monitoring results such as pressure drop readings, opacity observations, periodic review of operation and maintenance procedures, and/or inspection including engineering tests or analysis of the source by the Company. *(Reference Regulation No. 30 Section 6(a)(1) dated 11/15/93 and Regulation No. 2 Sections 11.6 and 11.8 dated 6/1/97)* | C. The Company shall maintain records of monitoring, opacity observations and/or internal inspection of the emission unit as identified in Condition 3 Table 1(b)(1)(ii). *(Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93)*<br>v. Testing:<br>None in addition to that required by Condition 3(b)(1)(ii) of this permit. | |
| **c. Emission Unit No. 9 - Maintenance Paint Spray Booth** | | |
| 1. Particulate:<br>i. Emission Standard:<br>The particulate emission rate from the maintenance paint spray booth and associated prep operations shall not exceed 0.2 grain per standard cubic foot. *(Reference Regulation No. 5 Section 2.1 dated 2/1/81 and Permit APC 95/0569)*<br>ii. Operation Limitations: | iii. Compliance Method:<br>Compliance with the emission standard shall be demonstrated by compliance with the operational limitation as supported by the monitoring/recordkeeping and testing requirements of this condition. *(Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93)*<br>iv. Monitoring/Recordkeeping:<br>A. The Company shall maintain a copy of the operation and maintenance | vi. Reporting Requirement:<br>None in addition to those listed in Condition 3(c)(2) and Condition 3 Table 1(w)(1)(v) of this permit.<br>vii. Compliance Certification:<br>None in addition to those listed in Condition 3(c)(3) of this permit. |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| A. The Company shall not operate the maintenance paint spray booth unless the corresponding filter media and water wash system are operating properly. *(Reference Regulation No. 30 Section 6(a)(1) dated 11/15/93 and Permit APC-95/0569)*<br>B. The Company shall operate and maintain emission unit no. 9 including associated air pollution control equipment in a manner to minimize emissions and consistent with good air pollution control practice, which shall be demonstrated through adherence to the facility's standard operating procedures and preventive maintenance system. The scope of the operating and maintenance procedures identified in the facility's standard operating procedures and preventive maintenance system shall consider the following: which may include but is not limited to, monitoring results such as pressure drop readings, opacity observations, periodic review of operation and maintenance procedures, and/or inspection including engineering tests or analysis of the source by the Company. *(Reference Regulation No. 30 Section 6(a)(1) dated 11/15/93 and Regulation No. 2 Sections 11.6 and 11.8 dated 6/1/97)* | procedures in accordance with the facility's standard operating procedures and preventive maintenance system. *(Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93)*<br>B. The Company shall log routine and non-routine maintenance performed on the air pollution control equipment. *(Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93)*<br>C. The Company shall maintain records of monitoring, opacity observations and/or internal inspection of the emission unit as identified in Condition 3 Table 1(c)(1)(ii). *(Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93)*<br>v. Testing:<br>None in addition to Condition 3(b)(1)(ii) of this permit. | |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| **d. Emission Unit No. 11 - EDP Prime Coat Operation** | | |
| 1. Streamlined Condition:<br>Compliance with this streamlined condition assures compliance with the provisions specified in Permit APC-95/0569, 40 CFR Part 60 Subpart MM, and Regulation No. 24 Section 13.<br><br>i. VOC Emission Limitation:<br>Emission Limitation: The coating used in the EDP Prime Coat Operation shall not emit more than 1.34 pounds of Volatile Organic Compounds (VOCs) per gallon of applied coating solids as applied on a daily volume weighted basis. *(Reference Permit APC-95/0569, Regulation No. 24 Section 13(c)(4) dated 1/11/93, and 40 CFR 60.392(a) dated 10/11/94)*<br><br>ii. Operational Limitations:<br><br>A. Compliance with Standards and Maintenance Requirements:<br>At all times, including periods of startup, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and | iii. Compliance Method:<br>A. The Company shall use the compliance provisions of 40 CFR 60.393(c)(2) to determine compliance with the emission limit for each calendar month. Each monthly calculation shall serve as a performance test for the purpose of 40 CFR Part 60 Subpart MM. *(Reference 40 CFR 60.393(c)(2) dated 10/11/94, Regulation No. 24 Section 13(f)(2) dated 1/11/93, and Permit APC-95/0569)*<br>B. Compliance with the standards in 40 CFR Part 60, other than opacity standards, shall be determined only by performance tests established by 40 CFR 60.8, unless otherwise specified in the applicable standard. *(Reference 40 CFR 60.11(a) dated 2/24/97)*<br>C. 40 CFR Part 60.8(d) and (f) do not apply to the performance test procedures required by 40 CFR Part 60 Subpart MM. *(Reference 40 CFR 60.393(a) dated 10/11/94)*<br>iv. Monitoring:<br>A. The Company shall monitor the combustion chamber temperature of the RTO using continuous emission monitoring equipment. *(Reference Regulation No. 24 Appendix D (b)(2) dated 11/29/94 and Permit APC 95/0569)* | vii. Reporting:<br>In addition to the reporting requirements of Condition 3(c)(2):<br><br>A. 1. The owner or operator shall submit a written report within 45 calendar days following the following occurrence: every three hour period during which the average temperature measured is more than 50°F less than the average temperature during the most recent control device performance test at which the destruction efficiency was determined as specified in 40 CFR 60.393. *(Reference 40 CFR 60.395(c)(1) dated 12/13/90 and Permit APC-95/0569)*<br>2. The owner or operator shall submit within 45 calendar days of completing the compliance calculations per Condition 3 Table 1(d)(1)(v)(C): the volume weighted average after the control device is greater than the emission limitation of this condition.<br><br>3. If no such instances as defined as defined under Condition 3 Table |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determinations of whether acceptable operating and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source. *[Reference 40 CFR 60.11 dated 2/24/97]*<br>B. The Regenerative Thermal Oxidizer and capture system of the oven exhaust shall be operated in accordance with the facility's standard operating procedures and preventive maintenance system at all times coating is occurring in Emission Unit No. EU11 To ensure the proper operation of the capture system for the E-Coat oven exhaust, the damper in the ductwork going from the oven to the RTO shall have an alert system that is triggered if the damper is closed during the processing of vehicles in the oven. Upon alert, the facility will take corrective action promptly to ensure the proper operation of the oven exhaust capture | B. The continuous temperature monitoring equipment and continuous temperature monitoring recorder shall be operating properly at all times the corresponding RTO is operating. The continuous temperature monitoring equipment shall be calibrated, operated, and maintained according to the facility's standard operating procedures and preventive maintenance system at all times the corresponding RTO is operating. *[Reference Regulation No. 24 Appendix D (b)(2) dated 11/29/94 and Permit APC-95/0569]*<br>C. The continuous temperature monitoring equipment shall be equipped with a continuous recorder and have an accuracy of the greater of ± 0.75 percent of the combustion temperature being measured expressed in degrees Fahrenheit (°F) or ± 4.5 °F . *[Reference 40 CFR 60.394(b) dated 12/24/80]*<br>D. Each temperature measurement device shall be equipped with a recording device so that a permanent record is produced. *[Reference 40 CFR 60.394(c) dated 12/24/80]*<br>v. Performance Testing:<br>A. The owner or operator of an affected facility shall conduct an initial performance test in accordance with 40 CFR 60.8(a) and thereafter for each calendar month for each affected facility according to the procedures in 40 CFR | 1(d)(1)(vii)(A)(1) and/or Condition 3 Table 1(d)(1)(vii)(A)(2) have occurred, the owner or operator shall submit a negative report to coincide with the reporting schedule of Condition 3(c)(2)(i) of this permit.<br><br>*Performance Testing Notification/Reporting:*<br>B. The owner or operator shall provide the Department at least thirty (30) days prior notice of any performance test to afford the Department the opportunity to have an observer present. *[Reference 40 CFR 60.8(d) dated 5/17/89 and Permit APC-95/0569]*<br>C. At least 30 days before the initiation of a performance test, the owner or operator shall submit a test plan that shall be approved by the Department before the results of the test are considered acceptable. This test plan shall be prepared in accordance with the requirements of Regulation No. 24 Appendix A(b). *[Reference Regulation No. 24 Appendix A(b) dated 11/29/94 and Permit APC-95/0569]*<br>D. Summary of results. No later than 60 days after the sample collection, the owner or operator shall submit preliminary results to the Department. *[Reference Regulation No. 24 Appendix A (d) dated 11/29/94]*<br>E. Final report. No later than 90 days after completion of the on-site sampling, the |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| system. The damper and the alert system shall be maintained according to the manufacturer's specification or the company's preventive maintenance system. *[Reference Regulation No. 24 Section 13(e)(1)(i) and Section 13(e)(1)(ii) dated 1/11/93, Regulation No. 30 Section 6(a)(1) dated 11/15/93, and Permit APC-95/0569]*<br>C. The Combustion chamber set point of the Regenerative Thermal Oxidizer shall be no less than that during the most recent performance test that demonstrated that the unit was in compliance. *[Reference Regulation No 24 Section 13(j)(1)(ii)(B) dated 1/11/93, Regulation No. 24 Section 4(e)(2)(ix) dated 11/29/94 and Permit APC-95/0569]*<br>D. The RTO shall be equipped with the applicable monitoring equipment specified in Regulation No. 24 Appendix "D" (b) and the monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the facility's standard operating procedures and preventive maintenance system at all times the RTO is in use. *[Reference Regulation No. 24 Section 13(e)(2)(ii) dated 1/11/93]* | Part 60 Subpart MM. *[Reference 40 CFR 60.393(b) dated 10/11/94]*<br>B. Stack Testing Requirements:<br>1. The reference methods and procedures listed in 40 CFR 60.396 shall be used when this equipment is stack tested. *[Reference 40 CFR 60.396 dated 12/24/80]*<br>2. Within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup of such facility and at such other times as may be required by the Administrator under Section 114 of the Act, the owner or operator of such facility shall conduct performance test(s) and furnish the Administrator a written report of the results of the performance test(s). *[Reference 40 CFR 60 8(a) dated 5/17/89]*<br>3. Performance tests shall be conducted and data reduced in accordance with the test methods and procedures contained in each applicable subpart unless the Administrator (1) specifies or approves, in specific cases, the use of a reference method with minor changes in methodology, (2) approves the use of an equivalent method, (3) approves the use of an alternative method the results of which he has determined to be | owner or operator shall submit a test report to the Department. The test report shall include the following minimum information:<br>I. Process description.<br>II. Air pollution capture system and control device description.<br>III. Process conditions during testing, to include operating data for the air pollution control devices (APCD).<br>IV. Test results and example calculations.<br>V. Description of sampling locations and test methods.<br>VI. QA measures.<br>VII. Field and analytical data.<br>*[Reference Regulation No. 24 Appendix A(e) dated 11/29/94]*<br>VIII. The owner or operator shall report the volume weighted average mass of VOC per volume of applied coating solids for each affected facility.<br>IX. The owner or operator shall include the following additional data in the control device initial performance test required by 40 CFR 60.8(a) or subsequent performance tests at which destruction efficiency is determined: |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | adequate for indicating whether a specific source is in compliance, (4) waives the requirement for performance tests because the owner or operator of a source has demonstrated by other means to the Administrator's satisfaction that the affected facility is in compliance with the standard, or (5) approves shorter sampling times and smaller sample volumes when necessitated by process variables or other factors. Nothing in this paragraph shall be construed to abrogate the Administrator's authority to require testing under Section 114 of the Act. *(Reference 40 CFR 60 8(b) dated 5/17/89)*<br>4. Performance tests shall be conducted under such conditions as the Administrator shall specify to the plant operator based on representative performance of the affected facility. The owner or operator shall make available to the Administrator such records as may be necessary to determine the conditions of the performance tests. Operations during periods of startup, shutdown, and malfunction shall not constitute representative conditions for the purpose of a performance test nor shall emissions in excess of the level of the applicable emission limit during | a. the combustion temperature<br>b. the total mass of VOC per volume of applied coating solids before and after the incinerator.<br>c. capture efficiency.<br>d. the destruction efficiency of the incinerator used to attain compliance with the emission limitation of this condition<br>e. a description of the method used to establish the fraction of VOC captured and sent to the control device.<br>*(Reference Regulation No. 30 Section 6(a)(3)(ii)(B) dated 11/15/93 and 40 CFR 60.395(a) dated 12/13/90)*<br><br>viii. Compliance Certification:<br>In addition to that required by Condition 3(c)(3) and Condition 3 Table 1(w)(1)(vi) of this permit,<br><br>For the purpose of 'submitting compliance certifications or establishing whether or not a person has violated or is in violation of any standard in this part, nothing in this part shall preclude the use, including the exclusive use, of any credible evidence or information relevant to whether a source would have |

Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | periods of startup, shutdown, and malfunction be considered a violation of the applicable emission limit unless otherwise specified in the applicable standard. *(Reference 40 CFR 60.8(c) dated 5/17/89)*<br>5. The owner or operator of an affected facility shall provide, or cause to be provided, performance testing facilities as follows:<br>I. Sampling ports adequate for test methods applicable to such facility. This includes (i) constructing the air pollution control system such that volumetric flow rates and pollutant emission rates can be accurately determined by applicable test methods and procedures and (ii) providing a stack or duct free of cyclonic flow during performance tests, as demonstrated by applicable test methods and procedures.<br>II. Safe sampling platform(s).<br>III. Safe access to sampling platform(s).<br>IV. Utilities for sampling and testing equipment.<br>*(Reference 40 CFR 60 8(e)dated 5/17/89)*<br>C. Calendar Month Performance Testing Requirements: | been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed. *(Reference 40CFR 60.11(g) dated 2/24/97)* |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | 1. The owner or operator shall use the procedures in 40 CFR 60.393(c)(2) to determine compliance with the emission limitation of this condition. *(Reference 40 CFR 60.393(c)(2) dated 10/11/94)* These calculations shall be performed within thirty (30) calendar days of the end of each calendar month. *(Reference Regulation No. 30 Section 6(a)(3)(ii)(B) dated 11/15/93)*<br>2. The owner or operator shall use the most recently determined VOC capture fraction and destruction efficiency for the monthly performance test. *(Reference 40 CFR 60.393(c)(2)(A)(1) and 60.393(c)(2)(B)(1) dated 10/11/94)*<br>3. Each monthly calculation is a performance test for the purposes of 40 CFR Part 60 Subpart MM. *(Reference 40 CFR 60.393(c)(2)(iii) dated 10/11/94)*<br><br>vi. Recordkeeping:<br>The Company shall maintain, at a minimum, all of the information required under this condition for a minimum of five (5) years from such information's date of record. *(Reference Regulation No. 30 Section 6(a)(3)(ii)(B) dated 11/15/93)*<br>A. For each month, the calculations used in the compliance determination specified in 40 CFR 60.393(c)(2). *(Reference Regulation* | |

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## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | *No. 24 Section 13(i)(2) dated 1/11/93 and Permit APC-95/0569)*<br>B. Any owner or operator subject to the provisions of 40 CFR Part 60 shall maintain a file of all measurements, including continuous monitoring system, monitoring device, and performance testing measurements; all continuous monitoring system performance evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by this part recorded in a permanent form suitable for inspection. *(Reference 40 CFR 60.7(f) dated 9/15/94)*<br>C. The owner or operator shall identify and record each instance in which the volume weighted average of the total mass of VOC's emitted to the atmosphere after control per volume of applied coating solids (N) is greater than the limit specified under 40 CFR 60.392. *(Reference 40 CFR 60.395(b) dated 12/13/90)*<br>D. The owner or operator shall continuously record the incinerator combustion temperature during coating operations. *(Reference 40 CFR 60.395(c) dated 12/13/90)*<br>E. A log of operating time for the capture system, control device, monitoring equipment, and the associated coating unit, line, or operation. *(Reference Regulation No. 24 Section 13(j)(4) dated 1/11/93, Regulation* | |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | *No. 24 Section 4(e)(2)(vii) dated 11/29/94, and Permit APC-95/0569)*<br>F. A maintenance log for the capture system, control device, and monitoring equipment detailing all routine and non-routine maintenance performed, including dates and duration of any outages. *(Reference Regulation No. 24 Section 13(j)(4) dated 1/11/93, Regulation No 24 Section 4(e)(2)(viii) dated 11/29/94, and Permit APC-95/0569)*<br>G. For the RTO, all 3-hour periods of operation in which the average combustion temperature was more than 50° Fahrenheit below the average combustion temperature during the most recent performance test that demonstrated that the facility was in compliance. *(Reference Regulation No. 24 Section 13(j)(4) dated 1/11/93, Regulation No. 24 Section 4(e)(2)(ix) dated 11/29/94, and Permit APC-95/0569)*<br>H. An owner or operator shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative. *(Reference 40 CFR 60 8(b) dated 5/17/89)*<br>I. The Company shall maintain a copy of the operation and maintenance procedures in accordance with the facility's standard operating procedures | |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | and preventive maintenance system. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]* | |
| 2. Nitrogen Oxides - State Enforceable Only<br>This state enforceable section shall become federally enforceable upon approval of the State Implementation Plan containing this regulation by the administrator of the EPA.<br><br>i. Emission Standard: The maximum emission rate for nitrogen oxides from fuel burning equipment with a rated heat input capacity of 15 mmbtu/hr or greater but less than 50 mmbtu/hr shall not exceed those achieved through an annual tune-up performed by qualified personnel. *[Reference Regulation No. 12 Section 3.3(b) dated 11/24/93 and Permit APC-95/0569]* | ii. Compliance Method:<br>Compliance with the emission standard of this condition shall be demonstrated by the monitoring/testing and recordkeeping requirements of this condition. *[Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93]*<br>iii. Monitoring:<br>The tune-up shall be in accordance with the facility's standard operating procedures and preventive maintenance system. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>iv. Testing: None in addition to that required by Condition 3(b)(1)(ii) of this permit.<br>v. Recordkeeping:<br>A. The Company shall maintain a log of the date and detail of the tune-up for each emission unit. *[Reference Regulation No. 12 Section 3.3(b) dated 11/24/93]*<br>B. The Company shall maintain a file of the qualifications of the personnel performing the annual tune-up. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]* | vi. Reporting Requirement:<br>The Company shall, for each occurrence of excess emissions, within thirty (30) calendar days of becoming aware of such occurrence, supply the Department in writing with the following information, in addition to complying with any other reporting requirement mandated by the State of Delaware:<br>A. The name and location of the facility.<br>B. The subject source(s) that caused the excess emissions.<br>C. The time and date of first observation of the excess emissions.<br>D. The cause and expected duration of the excess emissions.<br>E. The proposed corrective action(s) and schedule to correct the condition(s) causing the excess emissions.<br>*[Reference Regulation No. 12 Section 7.3 paragraphs a, b, c, d, and f dated 11/24/93 and Permit APC-95/0569]*<br><br>vii. Compliance Certification: That required by Condition 3(c)(3) and Condition 3 Table 1(w)(1)(vi) of this permit. *[Reference Permit APC-95/0569]* |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| **e. Emission Unit No. 12 - E-Coat Sand Booth** | | |
| 1. Particulate<br>i. A. Emission Standard: The particulate emission rate shall not exceed 0.2 grain per standard cubic foot. *[Reference Regulation No. 5 Section 2.1 dated 2/1/81 and Permit APC-95/0569]*<br>B. Emission Limitation: The particulate emission rate shall not exceed 0.1 pound per hour. *[Reference Permit APC-95/0569]*<br>ii. Operational Limitation:<br>A. The Company shall not operate the e-coat sand booth unless the corresponding filter media is operating properly. *[Reference Regulation No. 30 Section 6(a)(1) dated 11/15/93 and Permit APC-95/0569]*<br>B. The Company shall operate and maintain emission unit no. 12 including associated air pollution control equipment in a manner to minimize emissions and consistent with good air pollution control practice, which shall be demonstrated through adherence to the facility's standard operating procedures and preventive maintenance system. The scope of the operating and maintenance procedures identified in the facility's standard operating procedures and preventive maintenance system shall consider the | iii. Compliance Method: Compliance with the emission standard and emission limitation shall be demonstrated by compliance with the operational limitation as supported by the monitoring/recordkeeping and testing requirements of this condition. *[Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93]*<br>iv. Monitoring/Recordkeeping:<br>A. The Company shall maintain a copy of the operation and maintenance procedures in accordance with the facility's standard operating procedures and preventive maintenance system. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>B. The Company shall log routine and non-routine maintenance performed on the air pollution control equipment. *[Reference Regulation No 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>C. The Company shall maintain records of the monitoring, opacity observations and/or internal inspection of the emission unit as identified in Condition 3 Table 1(e)(1)(ii). *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>v. Testing:<br>None in addition to that required by Condition 3(b)(1)(ii) of this permit. | vi. Reporting Requirement: None in addition to those listed in Condition 3(c)(2) and Condition 3 Table 1(w)(1)(v) of this permit.<br>vii. Compliance Certification:<br>None in addition to those listed in Condition 3(c)(3) of this permit |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| following: which may include but is not limited to, monitoring results such as pressure drop readings, opacity observations, periodic review of operation and maintenance procedures, and/or inspection including engineering tests or analysis of the source by the Company. *(Reference Regulation No. 30 Section 6(a)(1) dated 11/15/93 and Regulation No. 2 Sections 11.6 and 11.8 dated 6/1/97)* | | |
| **f. Emission Unit No. 15 - Powder Anti Chip Coating Line & Solventborne Primer Application Area** | | |
| 1. VOC Streamlined Condition<br><br>Compliance with this streamlined condition for Emission Unit No. 15 assures compliance with the provisions of Permit APC-95/0569, 40 CFR Part 60 Subpart MM, Regulation No. 20 Section 13, and Regulation No. 24 Section 13.<br><br>i. Emission Limitation:<br>No owner or operator of an automobile or light duty truck primer surface operation subject to Regulation No. 24 Section 13 shall cause or allow on any day VOC emissions which do not comply with the following limit: 2.8 lb/gal of coating, excluding water and exempt compounds, | iii. Compliance Method:<br>Demonstration of the VOC content of the powder coating shall be through the use of EPA Method 24. Compliance with the emission limitation and operational limitations shall be demonstrated through the recordkeeping requirements in this section. *(Reference 40 CFR 60.393)*<br>iv. Testing:<br>EPA reference method 24 shall be used to determine the VOC content and density of both the powder and solvent coatings. *(Reference Regulation No. 24 Appendix B dated 11/29/94)*<br>v. Monitoring/Recordkeeping:<br>The owner or operator shall collect and record all of the following information for the | vi. Reporting Requirements:<br><br>In addition to that required by Condition 3(c)(2) and Condition 3 Table 1(w)(1)(v):<br><br>The owner or operator shall notify the Department of any record showing noncompliance with this condition by sending a copy of the record to the Department within 45 calendar days following the occurrence. *(Reference Regulation No. 24 Section 13(j)(3) dated 1/11/93 and Regulation No. 24 Section 4(d)(3)(i) dated 11/29/94)*<br><br>vii. Compliance Certification:<br>In addition to that required by Condition 3(c)(2) and Condition 3 Table 1(w)(1)(vi): |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| as applied. *[Reference Regulation No. 24 Section 13(c)(3)(ii) dated 1/11/93]*<br><br>ii. Operational Limitations:<br>A. The owner or operator shall not use more than 1 gallon of liquid primer for every 22 pounds of powder primer surfacer on a daily basis. *[Reference Regulation No. 24 Section 13(d) dated 1/11/93, Permit APC-95/0569, 40 CFR 60.392(b)]*<br>B. At all times, including periods of startup, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determinations of whether acceptable operating and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source. *[Reference 40 CFR 60.11(d) 2/24/97]*<br>C. The owner or operator shall not apply powder primer surfacer with a VOC content greater than 1% by weight. *[Reference Regulation No. 24 Section 13(c)(3)(ii)* | powder anti-chip primer and solvent primer applied:<br>A. The name and identification number of each powder and solvent coating used on each coating unit, line, or operation. *[Reference Regulation No. 24 Section 13(j)(3) dated 1/11/93 and Regulation No. 24 Section 4(d)(2) dated 11/29/94]*<br>B. The mass of VOC per volume of each powder coating and the volume of each coating, as applied, excluding water and exempt compounds, used each day on each coating unit, line, or operation based on the proration of monthly usage and production data to individual production days. *[Reference Regulation No. 24 Section 13(j)(3) dated 1/11/93 and Regulation No. 24 Section 4(d)(2) dated 11/29/94]*<br>C. The density of the powder coating. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>D. Calculation of the actual ratio of solvent to powder coating used in this emission unit. This calculation shall be conducted within thirty (30) calendar days of the end of each calendar month and shall be prorated based upon monthly usage and production data to individual production days. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>E. Any owner or operator subject to the provisions of 40 CFR Part 60 shall | For the purpose of submitting compliance certifications or establishing whether or not a person has violated or is in violation of any standard in this part, nothing in this part shall preclude the use, including the exclusive use, or any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed. *[Reference 40 CFR 60.11(g) dated 2/24/97]* |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| *dated 1/11/93, Permit APC-95/0569, and 40 CFR 60.392(b)]* | maintain a file of all measurements, including continuous monitoring systems, monitoring devices, and performance testing measurements; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by this part recorded in a permanent form suitable for inspection. *[Reference 40 CFR 60.7(f) 9/15/94]*<br>F. An owner or operator shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative. *[Reference 40 CFR 60.8(b) dated 5/17/89]*<br>G. The Company shall maintain a copy of the operation and maintenance procedures in accordance with the facility's standard operating procedures and preventive maintenance system. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]* | |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| 2. i. Operational Standards:<br>A. Venting of the Powder Anti Chip Oven emissions to the Regenerative Thermal Oxidizer is optional. However, if credit is taken for Volatile Organic Compounds reduced or destroyed, then the Company shall operate and maintain the Regenerative Thermal Oxidizer in accordance with the facility's standard operating procedures and preventive maintenance system. *[Reference Permit APC-95/0569]*<br>B. The combustion chamber set-point shall be no less than that during the most recent performance test that demonstrated that the facility was in compliance. *[Reference Regulation No. 24 Section 4(e)(2)(ix) dated 11/29/94]* | ii. Compliance Method:<br>Compliance shall be demonstrated through the monitoring, recordkeeping, and testing requirements of this condition. *[Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93]*<br>iii. Monitoring:<br>The owner or operator shall ensure that the control device is equipped with the applicable monitoring equipment specified in Regulation No. 24 Appendix D (b) and the monitoring equipment is installed, calibrated, operated, and maintained according to the facility's standard operating procedures and preventive maintenance system at all times the control device is in use. *[Reference Regulation No. 24 Section 13(e)(2)(ii) dated 1/11/93]*<br>iv. Recordkeeping:<br>The owner or operation shall collect and record all of the following information each day and maintain the information at the facility for a period of five (5) years:<br>A. Control device monitoring data. *[Reference Regulation No. 24 Section 4(e)(2)(vi) dated 11/29/94]*<br>B. A log of operating time for the capture system, control device, monitoring equipment, and the associated coating unit. *[Reference Regulation No. 24 Section 4(e)(2)(vii) dated 11/29/94]*<br>C. A maintenance log for the capture system, control device, and monitoring equipment detailing all routine and non-routine maintenance performed including | vi. Reporting:<br>In addition to that required by Condition 3(c)(2) and Condition 3 Table 1(w)(1)(v):<br><br>Any record showing noncompliance with the applicable requirements for control devices shall be reported by sending a copy of the record to the Department within 45 calendar days following occurrence. *[Reference Regulation No. 24 Section 4(e)(3)(i) dated 11/29/94]*<br><br>vii. Compliance Certification:<br>That required by Condition 3(c)(3) and Condition 3 Table 1(w)(1)(vi) of this permit. *[Reference Permit APC 95/0569]* |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | dates and duration of any outages. *(Reference Regulation No. 24 Section 4(e)(2)(viii) dated 11/29/94)*<br>D. For the RTO, all 3-hour periods of operation in which the average combustion temperature was more than 50°F below the average combustion temperature required Condition 3 Table 1(g)(2)(i)(A) or the average combustion temperature during the most recent performance test that demonstrated that the facility was in compliance. *(Reference Regulation No. 24 Section 4(e)(2)(ix) dated 11/29/94)*<br>v. Testing:<br>The test methods found in Appendix "A" through Appendix "D" of Regulation No. 24 shall be used to determine compliance. *(Reference Regulation No. 24 Section 13(g)(1) dated 1/11/93)* | |
| 3. Particulate<br>i. Emission Standard:<br>The particulate emission rate shall not exceed 0.2 grain per standard cubic foot. *(Reference Regulation No. 5 Section 2.1 dated 2/1/81 and Permit APC-95/0569)*<br>ii. Operational Limitation:<br>A. The Powder Anti-Chip Booth shall not be operated without HEPA filters. *(Reference Permit APC-95/0569)*<br>B. The Company shall operate and maintain emission unit no. 15 including associated air pollution | iii. Compliance Method: Compliance with the emission standard shall be demonstrated by compliance with the operational limitation as supported by the monitoring/recordkeeping and testing requirements of this condition. *(Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93)*<br>iv. Monitoring/Recordkeeping:<br>A. The Company shall maintain a copy of the operation and maintenance procedures in accordance with the facility's Standard operating procedures and preventive maintenance system. | vi. Reporting Requirement:<br>None in addition to those listed in Condition 3(c)(2) and Condition 3 Table 1(w)(1)(v) of this permit.<br><br>vii. Compliance Certification:<br>None in addition to those listed in Condition 3(c)(3) of this permit. |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| control equipment in a manner to minimize emissions and consistent with good air pollution control practice, which shall be demonstrated through adherence to the facility's Standard operating procedures and preventive maintenance system. The scope of the operating and maintenance procedures identified in the facility's standard operating procedures and preventive maintenance system shall consider the following: which may include but is not limited to, monitoring results such as pressure drop readings, opacity observations, periodic review of operation and maintenance procedures, and/or inspection including engineering tests or analysis of the source by the Company. *[Reference Regulation No. 30 Section 6(a)(1) dated 11/15/93 and Regulation No. 2 Sections 11.6 and 11.8 dated 6/1/97]* | *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>B. The Company shall log routine and non-routine maintenance performed on the air pollution control equipment. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>C. The Company shall maintain records of the monitoring, opacity observations and/or internal inspection of the emission unit as identified in Condition 3 Table 1(f)(1)(ii). *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>v. Testing: None in addition to that required by Condition 3(b)(1)(ii) of this permit. | |
| 4. Nitrogen Oxides - State Enforceable Only<br>This state enforceable section shall become federally enforceable upon approval of the State Implementation Plan containing this regulation by the administrator of the EPA.<br><br>i. Emission Standard: | ii. Compliance Method:<br>Compliance with the emission standard of this condition shall be demonstrated by the monitoring/testing and recordkeeping requirements of this condition. *[Reference Regulation No 30 Section 6(a)(3) dated 11/15/93]*<br>iii. Monitoring: | vi. Reporting Requirement:<br>The Company shall, for each occurrence of excess emissions, within thirty (30) calendar days of becoming aware of such occurrence, supply the Department in writing with the following information, in addition to complying with any other reporting |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| The maximum emission rate for nitrogen oxides from fuel burning equipment with a rated heat input capacity of 15 mmbtu/hr or greater but less than 50 mmbtu/hr shall not exceed those achieved through an annual tune-up performed by qualified personnel. *[Reference Regulation No. 12 Section 3.3(b) dated 11/24/93 and Permit APC-95/0569]* | The tune-up shall be in accordance with the facility's standard operating procedures and preventive maintenance system recommendations. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>iv. Testing:<br>None in addition to that required by Condition 3(b)(1)(ii) of this permit.<br>v. Recordkeeping:<br>A. The Company shall maintain a log of the date and detail of the tune-up for each emission unit. *[Reference Regulation No. 12 Section 3.3(b) dated 11/24/93]*<br>B. The Company shall maintain a file of the qualifications of the personnel performing the annual tune-up. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]* | requirement mandated by the State of Delaware:<br>A. The name and location of the facility.<br>B. The subject source(s) that caused the excess emissions.<br>C. The time and date of first observation of the excess emissions.<br>D. The cause and expected duration of the excess emissions.<br>E. The proposed corrective action(s) and schedule to correct the condition(s) causing the excess emissions.<br>*[Reference Regulation No 12 Section 7.3 paragraphs a, b, c, d, and f dated 11/24/93 and Permit APC-95/0569]*<br><br>vii. Compliance Certification: That required by Condition 3(c)(3) and Condition 3 Table 1(w)(1)(vi) of this permit. *[Reference Permit APC-95/0569]* |
| **g. Emission Unit No. 16 - Main Sand Booth<br>Emission Unit No. 17 - Repair Sand Booth** | | |
| 1. Particulate<br>i. A. Emission Standard:<br>The particulate emission rate from the Main Sand and Repair Sand Booths shall not exceed 0.2 grain per standard cubic foot. *[Reference Regulation No. 5 Section 2.1 dated 2/1/81 and Permit APC-95/0569]*<br>B. Emission Limitation:<br>The particulate emission rate shall not exceed 0.1 pound per hour. *[Reference Permit APC-95/0569]* | iii. Compliance Method:<br>Compliance with the emission standard and emission limitation shall be demonstrated by compliance with the operational limitation as supported by the monitoring/recordkeeping and testing requirements of this condition. *[Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93]*<br>iv. Monitoring/Recordkeeping:<br>A. The Company shall maintain a copy of the operation and maintenance procedures in accordance with the | vi. Reporting Requirement:<br>None in addition to those listed in Condition 3(c)(2) and Condition 3 Table 1(w)(1)(v) of this permit.<br><br>vii. Compliance Certification:<br>None in addition to those listed in Condition 3(c)(3) of this permit. |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| ii. Operational Limitations:<br>A. The Company shall not operate the main sand booth and repair sand booth unless the corresponding filter media is operating properly. *[Reference Regulation No. 30 Section 6(a)(1) dated 11/15/93 and Permit APC-95/0569]*<br>B. The Company shall operate and maintain emission units nos. 16 and 17 including associated air pollution control equipment in a manner to minimize emissions and consistent with good air pollution control practice, which shall be demonstrated through adherence to the facility's Standard operating procedures and preventive maintenance system. The scope of the operating and maintenance procedures identified in the Standard operating procedures and preventive maintenance system shall consider the following: which may include but is not limited to, monitoring results such as pressure drop readings, opacity observations, periodic review of operation and maintenance procedures, and/or inspection including engineering tests or analysis of the source by the Company. *[Reference Regulation No. 30 Section 6(a)(1) dated 11/15/93 and Regulation No. 2 Sections 11.6 and 11.8 dated 6/1/97]* | facility's Standard operating procedures and preventive maintenance system. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>B. The Company shall log routine and non-routine maintenance performed on the air pollution control equipment. *[Reference Regulation No 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>C. The Company shall maintain records of monitoring, opacity observations and/or internal inspection of the emission unit as identified in Condition 3 Table 1(g)(1)(ii). *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>v. Testing:<br>None in addition to that required by Condition 3(b)(1)(ii) of this permit | |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| **h. Emission Unit No. 18 - Topcoat System (2 Identical Booths)<br>Emission Unit No. 25: Paint Mix Building - applies to only those activities related to basecoat and clearcoat activities - such as the mix tanks, etc.** | | |
| 1. Streamlined Condition:<br>Compliance with this streamlined condition assures compliance with the provisions specified in Permit APC-95/0569, 40 CFR Part 60 Subpart MM, and Regulation No. 24 Section 13.<br><br>i. Emission Limitation:<br>A. The topcoat used shall not emit in excess of 8.45 pounds Volatile Organic Compounds (VOCs) per gallon of applied coating solids on a daily volume weighted basis from the topcoat operation. Upon September 1, 2003, the Company shall comply with the coating limit specified in Condition 3 Table 1(h)(1)(i)(B). *[Reference Permit APC-95/0569, Regulation No. 24 Section 13(c)(2)(i) dated 1/11/93, and 40 CFR 60.392(c) dated 10/11/94]*<br>B. On or before September 1, 2003, the Company shall begin using powder clearcoat, if it is commercially available, or employ pollution prevention measures sufficient to | iii. Compliance Method:<br>Compliance shall be demonstrated pursuant to the methods and procedures set forth in "Protocol for Determining the Daily Volatile Organic Compound Emission Rate of Automobile and Light-Duty Truck Topcoat Operations", EPA-450-3-88-018, dated December 1988, and any subsequent revision approved by the EPA and the State of Delaware Department of Natural Resources and Environmental Control. *[Reference Regulation No. 24 Section 13(g)(2) dated 1/11/93 and Permit APC-95/0569]*<br>iv. Testing:<br>The owner or operator shall use the topcoat protocol to determine compliance with the emission limitation of Condition 3 Table 1(h)(i) of this permit. Calculations pursuant to the topcoat protocol to determine compliance with the emission limitation of this condition shall be completed within thirty (30) calendar days of the end of each calendar month. *[Reference Regulation No 24 Section 13(g)(2) dated 1/11/93 and Permit APC 95/0569]*<br>v. Monitoring: | vii. Reporting Requirement:<br>In addition to that required by Condition 3(c)(2) and Condition 3 Table 1(w)(1)(v):<br><br>A. 1. The owner or operator shall notify the Department of any record showing noncompliance with the applicable requirements for control devices shall be reported by sending a copy of the record to the Department within 45 calendar days following the occurrence. *[Reference Regulation No. 24 Section 13(j)(4) dated 1/11/93, Regulation No 24 Section 4(e)(3)(i) dated 11/29/94, and Permit APC-95/0569]*<br>2. The owner or operator shall submit within 45 calendar days of completing calculations required under Condition 3 Table 1(h)(1)(iv) : the daily volume weighted average of the total mass of VOC's emitted to the atmosphere after control per volume of applied coating solids (N) is greater than the emission limitation of this condition. *[Reference 40 CFR 60.395(b) dated 12/13/90]* |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| reduce topcoat VOC emissions to less than seven (7) pounds Volatile Organic Compounds (VOCs) per gallon of applied coating solids on a daily weighted basis until powder clearcoat is commercially available, at which time the Company shall install powder clearcoat as expeditiously as practical. If the Company believes it will not be able to meet this requirement, the Company will submit for DNREC approval, on or before September 1, 2002, a plan and schedule to expeditiously achieve six (6) pounds Volatile Organic Compounds (VOCs) per gallon of applied coating solids on a daily weighted basis. That plan will become enforceable requirement of this permit upon DNREC approval of that plan. *[Reference Permit APC-95/0569, Regulation No. 24 Section 13(2)(i) dated 1/11/93, and 40 CFR 60.392(c) dated 10/11/94]*<br><br>ii. Operational Limitations:<br>A. The Regenerative Thermal Oxidizer and capture system shall be operated in accordance with the facility's standard operating procedures and preventive maintenance system at all times coating is occurring in Emission Unit No. 18. *[Reference Regulation No. 24* | A. The Company shall monitor the combustion chamber temperature of the RTO using continuous emission monitoring equipment. *[Reference Regulation No. 24 Appendix D (b)(2) dated 11/29/94]*<br>B. The continuous temperature monitoring equipment and continuous temperature monitoring recorder shall be operating properly at all times the corresponding RTO is operating. The continuous temperature monitoring equipment shall be calibrated, operated, and maintained according to the facility's standard operating procedures and preventive maintenance system at all times the corresponding RTO is operating. *[Reference Regulation No. 24 Appendix D (b)(2) dated 11/29/94]*<br>C. The continuous temperature monitoring equipment shall be equipped with a continuous recorder and have an accuracy of the greater of ± 0.75 percent of the combustion temperature being measured expressed in degrees Fahrenheit (°F) or ±4.5 °F. *[Reference 40 CFR 60.394(b) dated 12/24/80]*<br>D. Each temperature measurement device shall be equipped with a recording device so that a permanent record is produced. *[Reference 40 CFR 60.394(c) dated 12/24/80]*<br>vi. Recordkeeping:<br>A. The owner or operator shall identify and record each instance in which the volume weighted average of the total mass of | 3. If no such instances as defined under Condition 3 Table 1(c)(2)(vii)(A)(1) and/or Table 1(c)(2)(vii)(A)(2) have occurred, the owner or operator shall submit a negative report to coincide with the reporting schedule of Condition 3(c)(2)(i) of this permit. *[Reference 40 CFR 60.395(b) and 60.395(d) dated 12/13/90, Regulation No. 30 Section 6(a)(3) dated 11/15/93 and Permit APC-95.0569]*<br><br>*Performance Testing Notification:*<br>B. The owner or operator shall provide the Department at least thirty (30) days prior notice of any performance test to afford the Department the opportunity to have an observer present. *[Reference 40 CFR 60.8(d) dated 5/17/89 and Permit APC-95/0569]*<br><br>C. At least 120 days prior to the initial compliance date, the Company shall submit to the Department a detailed proposal specifying the method of demonstrating how the compliance test will be conducted according to the topcoat protocol and the requirements listed above. The proposal shall include:<br>1. A comprehensive plan (including a rationale) for determining the transfer efficiency at each booth used in plant or pilot testing. |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| *Section 13(e)(1)(i) and Section 13(e)(1)(ii) dated 1/11/93 and Permit APC-95/0569)*<br>B. The combustion chamber set point of the Regenerative Thermal Oxidizer shall be no less than that during the most recent performance test that demonstrated that the unit was in compliance. *(Reference Regulation No 24 Section 13(j)(1)(ii)(B) dated 1/11/93, Regulation No. 24 Section 4(e)(2)(ix) dated 11/29/94 and Permit APC-95/0569)*<br>C. The RTO shall be equipped with the applicable monitoring equipment specified in Regulation No. 24 Appendix "D" (b) and the monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the facility's standard operating procedures and preventive maintenance system at all times the RTO is in use. *(Reference Regulation No. 24 Section 13(e)(2)(ii) dated 1/11/93)*<br>D. Compliance with Standards and Maintenance Requirements:<br>At all times, including periods of startup, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determinations of whether acceptable operating and | VOC's emitted to the atmosphere after control per volume of applied coating solids (N) is greater than the emission limit specified in this condition. *(Reference 40 CFR 60 395(b) dated 12/13/90)*<br>B. The owner or operator shall continuously record the incinerator combustion temperature during coating operations. *(Reference 40 CFR 60.395(c) dated 12/13/90)*<br>C. Any owner or operator subject to the provisions of 40 CFR Part 60 shall maintain a file of all measurements, including continuous monitoring system, monitoring device, and performance testing measurements; all continuous monitoring system performance evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by this part recorded in a permanent form suitable for inspection. *(Reference 40 CFR 60.7(f) dated 9/15/94)*<br>D. All test results, data, and calculations used to determine VOC emissions from the topcoat operation according to the Topcoat Protocol. *(Reference Regulation No. 24 Section 13(j)(2) dated 1/11/93 and Permit APC 95/0569)*<br>E. A log of operating time for the capture system, control device, monitoring equipment, and the associated coating | 2. The selection of coatings to be tested (to determine transfer efficiency), including a rationale for coating grouping.<br>3. A method for tracking coating usage during transfer efficiency tests.<br>4. Upon approval by the Department the owner or operator may proceed with the compliance demonstration.<br>*(Reference Regulation No. 24 Section 13(j)(1)(i) dated 1/11/93 and Permit APC-95/0569)*<br>5. Testing Conducted After the Initial Compliance Demonstration: Provided no significant modifications are required to the initial compliance demonstration protocol required by Regulation No. 24 Section 13(j)(1)(i), the Company can submit the protocol at least thirty (30) days in advance of the test date. *(Reference Regulation No. 24 Appendix A paragraph (b) dated 11/29/94)*<br>D. Summary of results. No later than 60 days after the sample collection, the owner or operator shall submit preliminary results to the Department. *(Reference Regulation No. 24 Appendix A (d) dated 11/29/94)*<br>E. Final report: No later than 90 days after completion of the on-site sampling, the owner or operator shall submit a test |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| maintenance procedures are being used will be based on information available to the Department which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source. *[Reference 40 CFR 60.11(d) dated 2/24/97]* | unit, line, or operation. *[Reference Regulation No. 24 Section 13(j)(4) dated 1/11/93, Regulation No. 24 Section 4(e)(2)(vii) dated 11/29/94, and Permit APC-95/0569]*<br>F. A maintenance log for the capture system, control device, electrostatic bells, purge capture system, and monitoring equipment detailing all routine and non-routine maintenance performed, including dates and duration of any outages. *[Reference Regulation No 24 Section 13(j)(4) dated 1/11/93, Regulation No 24 Section 4(e)(2)(viii) dated 11/29/94, and Permit APC 95/0569]*<br>G. For the RTO, all 3-hour periods of operation in which the average combustion temperature was more than 50° Fahrenheit below the average combustion temperature during the most recent performance test that demonstrated that the facility was in compliance. *[Reference Regulation No 24 Section 13(j)(4) dated 1/11/93, Regulation No. 24 Section 4(e)(2)(ix) dated 11/29/94, and Permit APC 95/0569]*<br>H. Control device monitoring data. *[Reference Regulation No. 24 Section 13(j)(4) dated 1/11/93, Regulation No 24 Section 4(e)(2)(vi) dated 11/29/94, and Permit APC-95/0569]*<br>I. An owner or operator shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or | report to the Department. The test report shall include the following minimum information:<br>I. Process description.<br>II. Air pollution capture system and control device description.<br>III. Process conditions during testing, to include operating data for the air pollution control devices (APCD).<br>IV. Test results and example calculations.<br>V. Description of sampling locations and test methods.<br>VI. QA measures.<br>VII. Field and analytical data. *[Reference Regulation No 24 Appendix A(e) dated 11/29/94]*<br>VIII. The owner or operator shall report the volume weighted average mass of VOC per volume of applied coating solids for each affected facility.<br>IX. The owner or operator shall include the following additional data in the control device initial performance test required by 40 CFR 60.8(a) or subsequent performance tests at which destruction efficiency is determined:<br>a. the combustion temperature |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | monitoring device is inoperative. *[Reference 40 CFR 60.8(b) dated 5/17/89]*<br>J. The Company shall maintain a copy of the operation and maintenance procedures in accordance with the facility's standard operating procedures and preventive maintenance system. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]* | b. the total mass of VOC per volume of applied coating solids before and after the incinerator.<br>c. capture efficiency.<br>d. the destruction efficiency of the incinerator used to attain compliance with the emission limitation of this condition<br>e. a description of the method used to establish the fraction of VOC captured and sent to the control device.<br>*[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93 and 40 CFR 60.395(a) dated 12/13/90]*<br><br>viii. Compliance Certification:<br><br>In addition to that required by Condition 3(c)(3) and Condition 3 Table 1(w)(1)(vi) of this permit:<br><br>For the purpose of submitting compliance certifications or establishing whether or not a person has violated or is in violation of any standard in this part, nothing in this part shall preclude the use, including the exclusive use, or any credible evidence or information relevant to whether a source |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | | would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed. *(Reference 40 CFR 60.11(g) dated 2/24/97)* |
| 2. Particulate<br>i. Emission Limitation:<br>The particulate emission rate from the topcoat exhaust stack shall not exceed 0.02 grain per dry standard cubic foot. *(Reference Permit APC-95/0569)*<br>ii. Emission Standard: No person shall cause or allow particulate emissions into the atmosphere from Emission Unit No. 18 in excess 0.2 grain per standard cubic foot. *(Reference Regulation No. 5 Section 2.1 dated 2/1/81)*<br>iii. Operational Limitation:<br>A. The booths in Emission Unit No. 18 shall not be operated unless the corresponding down draft scrubber system is operating properly. *(Reference Permit APC-5/0569)*<br>B. The Company shall operate and maintain emission unit no. 18 including associated air pollution control equipment in a manner consistent with good air pollution control practice, which shall be demonstrated through adherence to the facility's Standard operating procedures and preventive maintenance system. The scope of | iv. Compliance Method:<br>A. Compliance with the emission limitation shall be based upon compliance with the operational limitation and shall be demonstrated by the monitoring/recordkeeping and testing requirements of this condition. *(Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93)*<br>B. Compliance with the emission standard of this condition shall be demonstrated by proper operation and maintenance of the filter media as demonstrated through the emission limitation, operational limitation, testing, and monitoring/recordkeeping requirements of this condition. *(Reference Regulation No 30 Section 6(a)(3) dated 11/15/93)*<br>v. Testing:<br>None in addition to Condition 3(b)(1)(ii) of this permit.<br>vi. Monitoring/Recordkeeping:<br>A. The Company shall maintain a copy of the operation and maintenance procedures in accordance with the facility's Standard operating procedures and preventive maintenance system. *(Reference Regulation No 30 Section 6(a)(3)(i)(B) dated 11/15/93)*<br>B. The Company shall log routine and non-routine maintenance performed on the air | vii. Reporting Requirement:<br>None in addition to that required by Conditions 3(c)(2) and 3 Table 1(w)(1)(v).<br>viii. Compliance Certification:<br>None in addition to that required by Condition 3(c)(3) of this permit. |

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## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| the operating and maintenance procedures identified in the facility's Standard operating procedures and preventive maintenance system shall consider the following: which may include but is not limited to, monitoring results such as pressure drop readings, opacity observations, periodic review of operation and maintenance procedures, and/or inspection including engineering tests or analysis of the source by the Company. *[Reference Regulation No. 2 Sections 11.6 and 11.8 dated 6/1/97 and Regulation No. 30 Section 6(a)(1) dated 11/15/93]* | pollution control equipment. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>C. The Company shall maintain records of monitoring, opacity observations and/or internal inspection of the emission unit as identified in Condition 3 Table 1(h)(2)(ii). *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]* | |
| 3. Nitrogen Oxides - State Enforceable Only<br>This state enforceable section shall become federally enforceable upon approval of the State Implementation Plan containing this regulation by the administrator of the EPA.<br><br>i. Emission Standard:<br><br>The maximum emission rate for nitrogen oxides from fuel burning equipment with a rated heat input capacity of 15 mmbtu/hr or greater but less than 50 mmbtu/hr shall not exceed those achieved through an annual tune-up performed by qualified personnel. *[Reference Regulation No. 12 Section 3.3(b) dated 11/24/93 and Permit APC-95/0569]* | ii. Compliance Method:<br>Compliance with the emission standard of this condition shall be demonstrated by the monitoring, testing and recordkeeping requirements of this condition. *[Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93]*<br>iii. Monitoring:<br>The tune-up shall be in accordance with the facility's standard operating procedures and preventive maintenance system recommendations. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>iv. Testing:<br>None in addition to that required by Condition 3(b)(1)(ii) of this permit.<br>v. Recordkeeping: | vi. Reporting Requirement:<br>The Company shall, for each occurrence of excess emissions, within thirty (30) calendar days of becoming aware of such occurrence, supply the Department in writing with the following information, in addition to complying with any other reporting requirement mandated by the State of Delaware:<br>A. The name and location of the facility.<br>B. The subject source(s) that caused the excess emissions.<br>C. The time and date of first observation of the excess emissions.<br>D. The cause and expected duration of the excess emissions. |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | A. The Company shall maintain a log of the date and detail of the tune-up for each emission unit. *[Reference Regulation No. 12 Section 3 3(b) dated 11/24/93]*<br>B. The Company shall maintain a file of the qualifications of the personnel performing the annual tune-up. *[Reference Regulation No 30 Section 6(a)(3)(i)(B) dated 11/15/93]* | E. The proposed corrective action(s) and schedule to correct the condition(s) causing the excess emissions. *[Reference Regulation No. 12 Section 7.3 paragraphs a, b, c, d, and f dated 11/24/93 and Permit APC-95/0569]*<br>vii. Compliance Certification: That required by Condition 3(c)(3) and Condition 3 Table 1(w)(1)(vi) of this permit. *[Reference Permit APC 95/0569]* |
| **I. Emission Unit No. 19 - Inspection & Finesse** | | |
| 1. Particulate<br>i. Emission Standard:<br>The particulate emission rate shall not exceed 0.2 grain per standard cubic foot. *[Reference Regulation No. 5 Section 2.1 dated 2/1/81 and Permit APC-95/0569]*<br>ii. Operation Limitation:<br>The Company shall operate and maintain emission unit no. 19 including associated air pollution control equipment in a manner consistent with good air pollution control practice, which shall be demonstrated through adherence to the facility's Standard operating procedures and preventive maintenance system. The scope of the operating and maintenance procedures identified in the facility's Standard operating procedures and preventive maintenance system shall consider the following: which may include | iii. Compliance Method:<br>Compliance with the emission standard shall be demonstrated by compliance with the operational limitation as supported by the monitoring/recordkeeping and testing requirements of this condition. *[Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93]*<br>iv. Monitoring/Recordkeeping:<br>A. The Company shall maintain a copy of the operation and maintenance procedures in accordance with the facility's Standard operating procedures and preventive maintenance system. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>B. The Company shall log routine and non-routine maintenance performed on the air pollution control equipment. *[Reference Regulation No 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>C. The Company shall maintain records of monitoring, opacity observations and/or | vi. Reporting Requirement:<br>None in addition to those listed in Condition 3(c)(2) and Condition 3 Table 1(w)(1)(v) of this permit.<br>vii. Compliance Certification:<br>None in addition to those listed in Condition 3(c)(3) of this permit. |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| but is not limited to, monitoring results such as pressure drop readings, opacity observations, periodic review of operation and maintenance procedures, and/or inspection including engineering tests or analysis of the source by the Company. *(Reference Regulation No. 2 Sections 11.6 and 11.8 dated 6/1/97 and Regulation No. 30 Section 6(a)(1) dated 11/15/93)* | internal inspection of the emission unit as identified in Condition 3 Table 1(h)(1)(ii). *(Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93)*<br>v. Testing:<br>None in addition to Condition 3(b)(1)(ii) of this permit. | |
| **J. Emission Unit No. 20 - Blackout Application** | | |
| 1. Particulate:<br>i. Emission Standard:<br>The particulate emission rate shall not exceed 0.2 grain per standard cubic foot. *(Reference Regulation No 5 Section 2.1 dated 2/1/81 and Permit APC-95/0569)*<br>ii. Operation Limitations:<br>A. The Company shall maintain the filter media in accordance with the facility's standard operating procedures and preventive maintenance system. *(Reference Permit APC-95/0569)*<br>B. The Company shall operate and maintain emission unit no. 20 including associated air pollution control equipment in a manner consistent with good air pollution control practice, which shall be demonstrated through adherence to the facility's Standard operating | iii. Compliance Method:<br>Compliance with the emission standard shall be demonstrated by compliance with the operational limitation as supported by the monitoring/recordkeeping and testing requirements of this condition. *(Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93)*<br>iv. Monitoring/Recordkeeping:<br>A. The Company shall maintain a copy of the operation and maintenance procedures in accordance with the facility's Standard operating procedures and preventive maintenance system. *(Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93)*<br>B. The Company shall log routine and non-routine maintenance performed on the air pollution control equipment. *(Reference Regulation No 30 Section 6(a)(3)(i)(B) dated 11/15/93)*<br>C. The Company shall maintain records of monitoring, opacity observations and/or | vi. Reporting Requirement:<br>None in addition to those listed in Condition 3(c)(2) and Condition 3 Table 1(w)(1)(v) of this permit.<br>vii. Compliance Certification:<br>None in addition to those listed in Condition 3(c)(3) of this permit. |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| procedures and preventive maintenance system. The scope of the operating and maintenance procedures identified in the facility's Standard operating procedures and preventive maintenance system shall consider the following: which may include but is not limited to, monitoring results such as pressure drop readings, opacity observations, periodic review of operation and maintenance procedures, and/or inspection including engineering tests or analysis of the source by the Company. *(Reference Regulation No. 2 Sections 11.6 and 11.8 dated 6/1/97 and Regulation No. 30 Section 6(a)(1) dated 11/15/93)* | internal inspection of the emission unit as identified in Condition 3 Table 1(j)(1)(ii). *(Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93)*<br>v. Testing:<br>None in addition to Condition 3(b)(1)(ii) of this permit. | |

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## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| **k. Emission Unit No. 22 - Low Bake Repair<br>Emission Unit No. 23 - Touch Up Booth** | | |
| 1. Volatile Organic Compounds (VOCs)<br><br>i. Emission Standard:<br>The Company shall not cause or allow on any day the application of any coating in these emission units with VOC content, as applied, that does not comply with one (1) of the following emission limits:<br>A. 4.8 lb/gal of coating, excluding water and exempt compounds, as applied. *[Reference Regulation No. 24 Section 13(c)(1)(ii) dated 1/11/93 and Permit APC-95/0569]*<br>B. 34.2 lb/gal of solids deposited. *[Reference Regulation No. 24 Section 13(c)(1)(iii) dated 1/11/93 and Permit APC-95/0569]* | ii. Compliance Method:<br>**Option 1: Compliance Methodology - Compliance through the use of complying coatings.**<br><br>The following methodology shall be utilized when the method of compliance with the emission standard of this condition shall be demonstrated through the use of complying coatings. Compliance shall be demonstrated at any given time through Option 1, Option 2, or Option 3. Compliance with the emission standard through all three options is not required simultaneously. (Where Option 1 refers to Condition 3 Table 1(k)(1); Option 2 refers to Condition 3 Table 1(k)(2); Option 3 refers to Condition 3 Table 1(k)(3)) *[Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93 and Regulation No. 24 Section 13(h)(2) dated 1/11/93]*<br>iii. Monitoring/Recordkeeping:<br>The Company shall collect and record all of the following information each day for each coating unit, line, or operation:<br>A. The name and identification number of each coating, as applied, on each coating unit, line, or operation. *[Reference Regulation No. 24 Section 4(c)(2) dated 11/29/94, Regulation No. 24 Section 13(h)(2) dated 1/11/93]*<br>B. The mass of VOC per volume of each coating (excluding water and exempt compounds), as applied, used each day | iv. Reporting Requirement:<br>In addition to that required by Conditions 3(c)(2) and 3 Table 1(w)(1)(v):<br><br>A. Any record showing the use of any non-complying coating shall be reported by sending a copy of such record to the Department within 45 calendar days following that use. *[Reference Regulation No. 24 Section 13(h)(2) dated 1/11/93, Regulation No 24 Section 4(c)(3)(i) dated 11/29/94, and Permit APC-95/0569]*<br>B. At least 30 calendar days before changing the method of compliance from the use of complying coatings to daily-weighted averaging or control devices, the owner or operator shall comply with all requirements of Regulation No. 24 Section 4(d)(1) or 4(e)(1), respectively, as well as Regulation No. 2. Upon changing the method of compliance from the use of complying coatings to daily-weighted averaging or control devices, the owner of operator shall comply with all requirements of Regulation No. 24 Section 13 as identified in Conditions 3 Table 1(k)(2) for compliance through daily weighted averaging or Table 1(k)(3) for compliance through the use of a control device. *[Reference Regulation No. 24 Section 13(h)(2) dated* |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | on each coating unit, line, or operation. *(Reference Regulation No. 24 Section 4(c)(2) dated 11/29/94, Regulation No. 24 Section 13(h)(2) dated 1/11/93)*<br>C. The volume of each coating applied each day on each coating unit line or operation. *(Reference Regulation No. 24 Section 4(c)(2) dated 11/29/94, Regulation No. 24 Section 13(h)(2) dated 1/11/93)*<br>D. The VOC content as supplied, and the method utilized to determine the VOC content, shall be provided in documentation from the supplier. Acceptable documentation would include, but is not limited to, a Material Safety Data Sheet (MSDS), which indicates both the VOC content and method utilized to estimate VOC content, or a MSDS and documentation from the supplier, indicating the method utilized to estimate the VOC content identified on the MSDS. *(Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93)*<br>iv. Test Methods:<br>The test method specified in Regulation No. 24 Appendix B shall be utilized to determine the VOC content of each coating, as applied. *(Reference Regulation No. 24 Section 13(g)(1) dated 1/11/93 and Regulation No. 24 Appendix B dated 11/29/94)* | *1/11/93 and Regulation No. 24 Section 4(c)(3)(ii) dated 11/29/94)*<br>vi. Compliance Certification:<br>In addition to that required by Condition 3(c)(3) and Condition 3 Table 1(w)(1)(vi) of this permit:<br><br>At least thirty (30) calendar days prior to changing the method of compliance for an existing subject coating unit, line, or operation from daily weighted averaging or control devices to the use of complying coatings, the owner or operator shall certify to the Department that the coating unit, line, or operation is or will be in compliance with the requirements of Regulation No. 24 Section 13(c)(1)(ii) or (c)(1)(iii), Conditions 3 Table 1(k)(1)(i)(A) or Condition 3 Table 1(k)(1)(i)(B), respectively and the associated monitoring, testing, and recordkeeping requirements of Regulation No. 24 Section 13 as identified in this condition. Such certification shall include:<br><br>A. The name and location of the facility<br>B. The address and telephone number of the person responsible for the facility.<br>C. Identification of subject sources.<br>D. The name and identification number of each coating, as applied, on each coating unit, line, or operation. |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | | E. The mass of VOC per volume (excluding water and exempt compounds) and the volume of each coating (excluding water and exempt compounds), as applied per day.<br>F. The time at which the facility's "day" begins fi a time other than midnight local time is used to define a "day".<br>*(Reference Regulation No. 24 Section 13(h)(2) dated 1/11/93 and Regulation No 24 Sections 4(c)(1) and (c)(3)(ii) dated 11/29/94)* |
| 2. Volatile Organic Compounds (VOCs)<br><br>i. Emission Standard:<br>The Company shall not cause or allow on any day the application of any coating in these emission units with a VOC content, as applied, that exceeds 4.8 lb/gal of coating, excluding water and exempt compounds. *(Reference Regulation No. 24 Section 13(c)(1)(ii) dated 1/11/93 and Permit APC-95/0569)* | ii. Compliance Method:<br>**Option 2: Compliance Methodology Compliance through the use of Daily Weighted Averaging**<br><br>The following methodology shall be utilized when the method of compliance with the emission standard of this condition shall be demonstrated through the use of daily weighted averaging. Compliance shall be demonstrated at any given time through Option 1, Option 2, or Option 3. Compliance with the emission standard through all three options is not required simultaneously.! (Where Option 1 refers to Condition 3 Table 1(k)(1); Option 2 refers to Condition 3 Table 1(k)(2); Option 3 refers to Condition 3 Table 1(k)(3)) *(Reference Regulation No 30 Section 6(a)(3) dated 11/15/93 and Regulation No. 24 Section 13(h)(3) dated 1/11/93)* | vi. Reporting Requirement:<br>In addition to that required by Conditions 3(c)(2) and 3 Table 1(w)(1)(v):<br><br>A. Any record showing noncompliance with the applicable daily weighted average requirements shall be reported by sending a copy of the record to the Department within 45 calendar days following the occurrence. *(Reference Regulation No 24 Section 13(h)(3) dated 1/11/93, Regulation No. 24 Section 4(d)(3)(i) dated 11/29/94, and Permit APC-95/0569)*<br>B. At least thirty calendar days before changing the method of compliance from daily-weighted averaging to the use of complying coatings or control devices, the owner or operator shall comply with all requirements of Regulation No. 24 Section 4(c)(1) or 4(e)(1), respectively, as well as |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | iii. Monitoring:<br>N owner or operator shall apply, during any day, coatings in the final repair operation whose daily weighted average VOC content, calculated in accordance with the procedure specified in Regulation No. 24 Appendix C exceeds the emission limitation specified in this condition. The following equation (from Regulation No. 24 Appendix C shall be used for determining the daily weighted average VOC content of the coating, as applied:<br>$$VOC_w = \sum_{i=1}^{n} \frac{V_i C_i}{V_T}$$<br>where:<br>$VOC_w$ = The daily-weighted average VOC content of the coatings, as applied, used on a coating unit, line, or operation in units of kilograms of VOC per liter of coating (kg VOC/L) (pounds of VOC per gallon of coating (lb VOC/gal)), excluding water and exempt compounds. | Regulation No. 2. Upon changing the method of compliance from daily-weighted averaging to the use of complying coatings or control devices, the owner or operator shall comply with all requirements of Regulation No. 24 Section 13 as identified in Conditions 3 Table 1(k)(1) for compliance through the use of complying coatings or Table 1(k)(3) for compliance through the use of a control device. *(Reference Regulation No. 24 Section 13(h)(3) dated 1/11/93 and Regulation No. 24 Section 4(d)(3)(ii) dated 11/29/94)*<br><br>vii. Compliance Certification:<br>In addition to that required by Condition 3(c)(3) and Condition 3 Table (1)(w)(vi) of this permit:<br><br>At least thirty (30) calendar days prior to changing the method of compliance for an existing subject coating unit, line, or operation from the use of complying coatings or control devices to daily-weighted averaging, the owner or operator of the subject coating unit, line, or operation shall certify to the Department that the coating unit, line, or operation is or will be in compliance with the requirements of Regulation No. 24 Section 13 as identified in this condition. Such certification shall include:<br><br>A. The name and location of the facility. |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | $n$ = The number of different coatings, as applied, each day on a coating unit, line, or operation.<br>$V_i$ = The volume of each coating, as applied, each day on a coating unit, line, or operation in units of L (gal), excluding water and exempt compounds.<br>$C_i$ = The VOC content of each coating, as applied, each day on a coating unit, line or operation in units of kg VOC/L of coating (lb VOC/gal), excluding water and exempt compounds.<br>$V_t$ = The total volume of all coating, as applied, each day on a coating unit, line, or operation in units of L (gal), excluding water and exempt compounds. *[Reference Regulation No 24 Section 13(d) dated 1/11/93, Regulation No. 24 Appendix C(a) dated 11/29/94, and Permit APC-95/0569]*<br>iv: Testing:<br>The test methods found in Regulation No. 24 Appendices B and C shall be used to determine compliance with the emission standard of this condition. *[Reference Regulation No. 24 Section 13(g)(1) dated 1/11/93]*<br>v. Recordkeeping:<br>The Company shall collect and record the following information each day:<br>A. The name and identification number of each coating, as applied in the Final Repair Area. *[Reference Regulation No 24* | B. The address and telephone number of the person responsible for the facility.<br>C. Identification of subject sources.<br>D. The name and identification number of each coating unit, line, or operation that will comply by means of daily-weighted averaging.<br>E. The instrument or method by which the owner or operator will accurately measure or calculate the volume of each coating (excluding water and exempt compounds), as applied, used each day on each coating unit, line, or operation.<br>F. The method by which the owner or operator will create and maintain records each day as required in Condition 3 Table 1(k)(2)(iii) and Table 1(k)(2)(v).<br>G. Calculation of the daily-weighted average, using the procedure in Regulation No. 24 Appendix C(a), for a day representative of current or projected maximum production levels.<br>H. The time at which the facility's "day" begins if a time other than midnight local time is used to define a "day".<br>*[Reference Regulation No. 24 Section 13(h)(3) dated 1/11/93 and Regulation No. 24 Section 4(d)(1) and 4(d)(3)(ii) dated 11/29/94]* |

Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | *Section 4(d)(2)(i) dated 11/29/94, Regulation No. 24 Section 13(h)(3) dated 1/11/93, and Permit APC-95/0569)*<br>B. The mass of VOC per volume of each coating (excluding water and exempt compounds), as applied, used each day in the Final Repair Area. *(Reference Regulation No. 24 Section 4(d)(2)(ii) dated 11/29/94, Regulation No 24 Section 13(h)(3) dated 1/11/93 and Permit APC-95/0569)*<br>C. The volume of each coating applied each day in the Final Repair Area. *(Reference Regulation No 24 Section 4(d)(2)(ii) dated 11/29/94, Regulation No 24 Section 13(h)(3) dated 1/11/93, and Permit APC-95/0569)*<br>D. The daily weighted average VOC content of all coatings, as applied, in the Final Repair Area calculated according to the procedure of this condition. *(Reference Regulation No. 24 Section 4(d)(2)(iii) dated 11/29/94, Regulation No. 24 Section 13(h)(3) dated 1/11/93. and Permit APC-95/0569)*<br>E. The daily weighted average VOC content of all coatings, as applied, in the Miscellaneous Metal Parts Coating Areas calculated according to the procedure in this condition. *(Reference Regulation No. 24 Section 4(d)(2)(iii) dated 11/29/94, Regulation No 24 Section 22(g)(3) dated 1/11/93, and Permit APC-95/0569)*<br>F. The VOC content as supplied, and the method utilized to determine the VOC content, shall be provided in documentation from the supplier. Acceptable documentation would include, but is not limited to, a Material Safety | |

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## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | Data Sheet (MSDS), which indicates both the VOC content and method utilized to estimate VOC content, or a MSDS and documentation from the supplier, indicating the method utilized to estimate the VOC content identified on the MSDS. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]* | |
| 3. Volatile Organic Compounds (VOCs)<br><br>i. Emission Standard:<br>The Company shall not cause or allow on any day the application of any coating in these emission units with VOC content, as applied, that does not comply with one (1) of the following emission limits:<br>A. 4.8 lb/gal of coating, excluding water and exempt compounds, as applied. *[Reference Regulation No. 24 Section 13(c)(1)(i) dated 1/11/93 and Permit APC-95/0569]*<br>B. 34.2 lb/gal of solids deposited. *[Reference Regulation No. 24 Section 13(c)(1)(iii) dated 1/11/93 and Permit APC 95/0569]*<br>ii. Operation Limitations:<br>A. An owner or operator shall comply with the emission limits specified in condition 3 Table 1(k)(3)(i) by installing and operating a capture system and control device on that operation. *[Reference Regulation No. 24 Section 13(e)(1)(i) and Section 13(e)(1)(ii) dated 1/11/93]* | ii. Compliance Method:<br>**Option 3: Compliance Methodology: Compliance through the use of capture and control.**<br><br>The following methodology shall be utilized when the method of compliance with the emission standard of this condition shall be demonstrated through the use of a thermal oxidizer. Compliance shall be demonstrated at any given time through Option 1, Option 2, or Option 3. Compliance with the emission standard through all three options is not required simultaneously. (Where Option 1 refers to Condition 3 Table 1(k)(1); Option 2 refers to Condition 3 Table 1(k)(2); Option 3 refers to Condition 3 Table 1(k)(3)) *[Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93 and Regulation No. 24 Section 13(h)(2) dated 1/11/93]*<br><br>iii. Monitoring:<br>A. Any owner or operator who use an incinerator to comply with the emission limits specified in Condition 3 Table 1(k)(3)(i) shall install, calibrate, certify to | vi. Reporting Requirement:<br>In addition to that required by Condition 3(c)(2) and Condition 3 Table (1)(w)(v) of this permit:<br><br>A. The Company shall notify the Department of any record showing noncompliance with the applicable requirements for control devices by sending a copy of the record to the Department within 45 calendar days following the occurrence. *[Reference Regulation No. 24 Section 13(h)(4) dated 1/11/93 and Regulation No 24 Section 4(e)(3)(i) dated 11/29/94]*<br><br>B. At least thirty (30) calendar days before changing the method of compliance from control devices to the use of complying coatings or daily-weighted averaging, the owner or operator shall comply with all requirements of Regulation No. 24 Section 4(c)(1) or 4(d)(1), respectively, as well as Regulation No. 2. Upon changing the method of compliance from control devices to the use of complying coatings |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| B. Determine for each day the overall emission reduction efficiency needed to demonstrate compliance. The overall emission reduction needed for a day is the less of the value calculated according to the procedure in Regulation No. 24 Appendix C(c) or 95 percent. *[Reference Regulation No. 24 Section 13(e)(1)(iii) dated 1/11/93]*<br>C. Demonstrating each day that the overall emission reduction efficiency achieved for that day, as determined in Regulation No. 24 Appendix D(c) is greater than or equal to the overall emission reduction efficiency required for that day. *[Reference Regulation No. 24 Section 13(e)(1)(iv) dated 1/11/93]*<br>D. An owner or operator shall ensure that a capture system and control device are operated at all times the coating operation is in use, and the owner or operator demonstrates compliance with this Section through the applicable coating analysis and capture system and control device efficiency test methods specified in Regulation No. 24 Appendix B, Appendix D, and Appendix E and in accordance with the capture efficiency test methods in Regulation No. 24 Appendix D. *[Reference Regulation No. 24 Section 13(e)(2)(i) dated 1/11/93]* | the Department, operate, and maintain continuous monitoring equipment. The continuous monitoring equipment shall monitor the following parameter: the combustion chamber temperature of the thermal incinerator or afterburner. *[Reference Regulation No. 24 Section 13(e)(2)(ii) dated 1/11/93 and Regulation No. 24 Appendix D(b) dated 11/29/94]*<br>B. The continuous temperature monitoring equipment must be equipped with a continuous recorder and have an accuracy of ±1.0 percent of the combustion temperature being measured expressed in degrees Fahrenheit (°F) or 0.9°F, whichever is greater. *[Reference Regulation No. 24 Section 13(e)(2)(ii) dated 1/11/93 and Regulation No. 24 Appendix D(b) dated 11/29/94]*<br>iv. Testing:<br>Upon changing the method of compliance for an existing coating unit, line, or operation from the use of complying coatings or daily-weighted averaging to control devices, the owner or operator of the subject coating unit, line, or operation shall perform a compliance test. Testing shall be performed within ninety (90) days of startup, and pursuant to the procedures in Regulation No. 24 Appendix A through G. The owner or operator of the subject coating unit, line, or operation shall submit to the Department the results of all tests and calculations necessary to demonstrate that the subject coating unit, | or daily-weighted averaging, the owner or operator shall comply with all requirements of Regulation No. 24 Section 13 as identified in Conditions 3 Table 1(k)(1) for compliance through the use of complying coatings or Table 1(k)(2) for compliance through the use of daily weighted averaging. *[Reference Regulation No. 24 Section 13(h)(4) dated 1/11/93 and Regulation No. 24 Section 4(e)(3)(ii) dated 11/29/94]*<br>vii. Compliance Certification:<br>In addition to that required by Condition 3(c)(3) and Condition 3 Table 1(w)(vi) of this permit:<br>Upon changing the method of compliance from the use of complying coatings or daily weighted averaging to the use of a control device, the compliance certification shall be in accordance with the performance testing requirements of Condition 3 Table 1(k)(3)(iv). *[Reference Regulation No 24 Section 4(e)(1) dated 11/29/94]* |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| E. The control device is equipped with the applicable monitoring equipment specified in Regulation No. 24 Appendix D(b) and the monitoring equipment is installed, calibrated, operated, and maintained according to the facility's standard operating procedures and preventive maintenance system at all times the control device is in use. *[Reference Regulation No. 24 Section 13(e)(2)(iii) dated 1/11/93]*<br>F. The combustion chamber set-point temperature shall be no less than that during the most recent performance test that demonstrated that the facility was in compliance. *[Reference Regulation No 24 Section 4(e)(2)(ix) dated 11/29/94]* | line, or operation is or will be in compliance with Condition 3 Table 1(k)(1) on and after the initial startup date. *[Reference Regulation No. 24 Section 13(h)(4) dated 1/11/93 and Regulation No. 24 Section 4(e)(1) dated 11/29/94]*<br>v. Recordkeeping:<br>The owner or operator of a coating unit, line, or operation shall collect and record all of the following information each day for the each coating unit, line, or operation:<br>A. The name and identification number of each coating used on each coating unit, line, or operation. *[Reference Regulation No. 24 Section 13(h)(4) dated 1/11/93 and Regulation No 24 Section 4(e)(2)(i) dated 11/29/94]*<br>B. The mass of VOC per unit volume of coating solids, as applied, the volume solids content, as applied, and the volume, as applied, of each coating use each day on each coating unit, line, or operation. *[Reference Regulation No. 24 Section 13(h)(4) dated 1/11/93 and Regulation No. 24 Section 4(e)(2)(ii) dated 11/29/94]*<br>C. The maximum VOC content (mass of VOC per unit volume of coating solids, as applied) or the daily-weighted average VOC content (mass of VOC per unit volume of coating solids, as applied) of the coatings use each day on each coating unit, line, or operation. *[Reference Regulation No 24 Section 13(h)(4) dated 1/11/93 and Regulation No 24 Section 4(e)(2)(iii) dated 11/29/94]* | |

Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | D. The required overall emission reduction efficiency for each day for each coating unit, line, or operation as determined in Regulation No. 24 Section 13(e)(1)(iii). *[Reference Regulation No. 24 Section 13(h)(4) dated 1/11/93 and Regulation No. 24 Section 4(e)(2)(iv) dated 11/29/94]*<br>E. The actual overall emission reduction efficiency achieved for each day for each coating unit, line, or operation as determined in Regulation No. 24 Appendix D(c). *[Reference Regulation No. 24 Section 13(h)(4) dated 1/11/93 and Regulation No. 24 Section 4(e)(2)(v) dated 11/29/94]*<br>F. Control device monitoring data. *[Reference Regulation No. 24 Section 13(h)(4) dated 1/11/93 and Regulation No. 24 Section 4(e)(2)(vi) dated 11/29/94]*<br>G. A log of operating time for the capture system, control device, monitoring equipment, and the associated coating unit, line, or operation. *[Reference Regulation No. 24 Section 13(h)(4) dated 1/11/93 and Regulation No. 24 Section 4(e)(2)(vii) dated 11/29/94]*<br>H. A maintenance log for the capture system, control device, and monitoring equipment detailing all routine and non-routine maintenance performed including dates and duration of any outages. *[Reference Regulation No. 24 Section 13(h)(4) dated 1/11/93 and Regulation No 24 Section 4(e)(2)(viii) dated 11/29/94]*<br>I. For thermal incinerators, all 3 hour periods of operation in which the average | |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | combustion temperature was more than 50°F below the average combustion temperature during the most recent performance test that demonstrated that the facility was in compliance. The combustion chamber set-point shall be no less than that during the most recent performance test that demonstrated that the facility was in compliance. *[Reference Regulation No. 24 Section 13(h)(4) dated 1/11/93 and Regulation No. 24 Section 4(e)(2)(ix) dated 11/29/94]* | |
| 4. Particulate:<br>i. A. Emission Standard:<br>The particulate emission rate shall not exceed 0.2 grain per standard cubic foot from emission unit no. 23. *[Reference Regulation No. 5 Section 2.1 dated 2/1/81 and Permit APC-95/0569]*<br>B. Emission Limitation:<br>The particulate emission rate shall not exceed 0.003 grain per standard cubic foot from emission unit no. 22. *[Reference Permit APC-95/0569]*<br>ii. Operation Limitation:<br>A. The Company shall not operate the spovens unless the particulate filter media is installed, operated, and maintained in accordance with the facility's standard operating procedures and preventive | iii. Compliance Method:<br>Compliance with the emission standard and emission limitation of this condition shall be demonstrated by compliance with the operational limitations as supported by the monitoring/recordkeeping and testing requirements of this condition. *[Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93]*<br>iv. Monitoring/Recordkeeping:<br>A. The Company shall maintain a copy of the operation and maintenance procedures in accordance with the facility's Standard operating procedures and preventive maintenance system. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>B. The Company shall log routine and non-routine maintenance performed on the air pollution control equipment. *[Reference* | vi. Reporting Requirement:<br>None in addition to those listed in Condition 3(c)(2) and Condition 3 Table 1(w)(1)(v) of this permit.<br><br>vii. Compliance Certification:<br>None in addition to those listed in Condition 3(c)(3) of this permit. |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| maintenance system. *(Reference Permit APC-95/0569)*<br>B. The Company shall operate and maintain emission unit nos. 22 and 23 including associated air pollution control equipment in a manner consistent with good air pollution control practice, which shall be demonstrated through adherence to the facility's Standard operating procedures and preventive maintenance system. The scope of the operating and maintenance procedures identified in the Standard operating procedures and preventive maintenance system shall consider the following: which may include but is not limited to, monitoring results such as pressure drop readings, opacity observations, periodic review of operation and maintenance procedures, and/or inspection including engineering tests or analysis of the source by the Company. *(Reference Regulation No. 2 Sections 11.6 and 11.8 dated 6/1/97 and Regulation No. 30 Section 6(a)(1) dated 11/15/93)* | *Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93)*<br>C. The Company shall maintain records of monitoring, opacity observations and/or internal inspection of the emission unit as identified in Condition 3 Table 1(k)(4)(ii). *(Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93)*<br>v. Testing: None in addition to that required by Condition 3(b)(1)(ii) of this permit. | |
| 6. Nitrogen Oxides - State Enforceable Only<br><br>This state enforceable section shall become federally enforceable upon approval of the State Implementation Plan containing this regulation by the administrator of the EPA. | iii. Compliance Method:<br>Compliance shall be demonstrated through the monitoring/recordkeeping and testing requirements of this condition. *(Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93)*<br>iv. Monitoring/Recordkeeping: | vi. Reporting Requirement:<br>The Company shall, for each occurrence of excess emissions, within thirty (30) calendar days of becoming aware of such occurrence, supply the Department in writing with the following information, in addition to complying |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| i. Fuel burning equipment with a rated heat input capacity of less than 15 mmbtu/hr is exempt from the demonstration of reasonably available control technology requirement. *(Reference Regulation No. 12 Section 4.1(c) dated 11/24/93)* | The Company shall maintain records of the manufacturer's rated heat input capacity of the equipment. *(Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93)*<br>v. Testing:<br>None in addition to that listed in Condition 3(b)(1)(ii) of this permit. | with any other reporting requirement mandated by the State of Delaware:<br>A. The name and location of the facility.<br>B. The subject source(s) that caused the excess emissions.<br>C. The time and date of first observation of the excess emissions.<br>D. The cause and expected duration of the excess emissions.<br>E. The proposed corrective action(s) and schedule to correct the condition(s) causing the excess emissions.<br>*(Reference Regulation No. 12 Section 7.3 paragraphs a, b, c, d, and f dated 11/24/93 and Permit APC-95/0569)*<br><br>vii. Compliance Certification: That required by Condition 3(c)(3) and Condition 3 Table 1(w)(1)(vi) of this permit. *(Reference Permit APC-95/0569)* |
| **I. Emission Unit 24 - Paint Sludge Dryer** | | |
| 1. Volatile Organic Compounds:<br>i. A. Emission Standard:<br>The owner or operator of emission units with VOC emissions not otherwise subject to Regulation No. 24 Sections 10 through 49 and having a maximum theoretical emission (MTE) of less than twenty-five (25) tons per year in the absence of a control device shall comply with the recordkeeping and reporting requirements of this | ii. Compliance Method:<br>Compliance with exemption from Regulation No. 24 Section 50 shall be demonstrated through the testing, monitoring, and recordkeeping. *(Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93)*<br>iii. Monitoring:<br>A. The Company shall monitor the combustion temperature of all thermal oxidizer using continuous temperature monitoring equipment. | vi. Reporting Requirements:<br>A. In addition to that required by Conditions 3(c)(2) and 3 Table 1(w)(1)(v) of this permit, the Company shall upon request by the Department submit monitoring/recordkeeping within thirty (30) calendar days of receiving such request. *(Reference Regulation No. 24 Section 50(d)(2)(i) dated 11/29/94)*<br>B. Any record showing noncompliance with the applicable requirements for control devices shall be reported by sending a copy of the record to the Department |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| condition. *(Reference Regulation No. 24 Section 50(a)(2) dated 11/29/94)*<br><br>B. Emission Limitations:<br>The VOC emissions from emission unit no. 24 shall comply with the PAL limits and provisions of Condition 3 Table 1(w). *(Reference Permit APC-95/0569)*<br><br>ii. Operational Limitation:<br>The thermal oxidizer associated with the sludge dryer shall operate at a minimum temperature of 1300° Fahrenheit, whenever the sludge dryer is operating. *(Reference Permit APC-95/0569)* | B. The continuous temperature monitoring equipment and continuous temperature monitoring recorder shall be operating properly at all times the corresponding thermal oxidizer is operating. The continuous temperature monitoring equipment shall be calibrated, operated, and maintained according to the facility's standard operating procedures and preventive maintenance system at all times the corresponding thermal oxidizer is operating.<br>C. The continuous temperature monitoring equipment shall be equipped with a continuous recorder and have an accuracy of ± 1 percent of the combustion temperature being measured expressed in degrees Fahrenheit (°F) or 0.9°F, whichever is greater.<br>*(Reference Regulation No. 24 Appendix D (b)(2) dated 11/29/94)*<br>iv. Recordkeeping:<br>The owner or operator shall collect and record all of the following information each day for this emission unit and maintain the information at the facility for a period of five (5) years:<br>A. Control device monitoring data. *(Reference Regulation No. 24 Section 4(e)(2)(vi) dated 11/24/94)*<br>B. A log of operating time for the capture system, control device, monitoring equipment, and the paint sludge dryer. | within 45 calendar days following the occurrence. *(Reference Regulation No. 24 Section 4(e)(3)(i) dated 11/24/94)*<br><br>vii. Compliance Certification:<br><br>That required by Condition 3(c)(3) and Condition 3 Table 1(w)(1)(vi) of this permit. *(Reference Permit APC-95/0569)* |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | *[Reference Regulation No. 24 Section 4(e)(2)(vii) dated 11/24/94]* When the paint sludge dryer is not operated, records documenting the disposal method shall be maintained. *[Reference Regulation No. 30 Section 6(a)(3)(ii)(B) dated 11/15/93]*<br>C. A maintenance log for the capture system, control device, and monitoring equipment detailing all routine and non routine maintenance performed including dates and duration of any outages. *[Reference Regulation No. 24 Section 4(e)(2)(viii) dated 11/24/94]*<br>D. All three (3) hour periods of operation in which the average combustion temperature was more than 50°F below the combustion temperature in Condition 3 Table 1(m)(1)(ii). *[Reference Regulation No 24 Section 4(e)(2)(ix) dated 11/24/93]*<br>v. Testing: None in addition to that required by Condition 3(b)(1)(ii) of this permit. | |
| 2. Particulate<br>i. Emission Standard:<br>The particulate emission rate shall not exceed 0.2 grain per standard cubic foot. *[Reference Regulation No. 5 Section 2.1 dated 2/1/81 and Permit APC-95/0569]*<br>ii. Operation Limitation:<br>The Company shall operate and maintain emission unit no. 24 including associated air pollution control equipment in a manner consistent with good air pollution control practice, which shall be demonstrated | iii. Compliance Method:<br>Compliance with the emission standard shall be demonstrated by compliance with the operational limitation as supported by the monitoring/recordkeeping and testing requirements of this condition. *[Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93]*<br>iv. Monitoring/Recordkeeping:<br>A. The Company shall maintain a copy of the operation and maintenance procedures in accordance with the | vi. Reporting Requirement: None in addition to those listed in Condition 3(c)(2) and Condition 3 Table 1(w)(1)(v) of this permit.<br>vii. Compliance Certification: None in addition to those listed in Condition 3(c)(3) of this permit. |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| through adherence to the facility's Standard operating procedures and preventive maintenance system. The scope of the operating and maintenance procedures identified in the facility's Standard operating procedures and preventive maintenance system shall consider the following: which may include but is not limited to, monitoring results such as pressure drop readings, opacity observations, periodic review of operation and maintenance procedures, and/or inspection including engineering tests or analysis of the source by the Company. *(Reference Regulation No 2 Sections 11.6 and 11.8 dated 6/1/97 and Regulation No. 30 Section 6(a)(1) dated 11/15/93)* | facility's Standard operating procedures and preventive maintenance system.<br>B. The Company shall log routine and non-routine maintenance performed on the air pollution control equipment.<br>C. The Company shall maintain records of monitoring, opacity observations and/or internal inspection of the emission unit as identified in Condition 3 Table 1(l)(2)(ii). *(Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93)*<br>v. Testing: None in addition to that required by Condition 3(b)(1)(ii) of this permit. | |
| **m. Emission Unit No. 26 -Brake/Antifreeze-/Windshield/Transmission/Motor Oil Fluid Fill** | | |
| 1. Volatile Organic Compounds (VOCs)<br>i. A. Emission Standard:<br>The owner or operator of emission units with VOC emissions not otherwise subject to Regulation No. 24 Sections 10 through 49 and having a maximum theoretical emission (MTE) of less than twenty-five (25) tons per year in the absence of a control device shall comply with the recordkeeping | ii. Compliance Method:<br>Compliance with exemption from Regulation No. 24 Section 50 shall be demonstrated through the testing and monitoring/recordkeeping. *(Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93)*<br>iii. Testing:<br>Formulation data or other methodology as approved by the Department and EPA to determine the VOC content and/or emissions. | v. Reporting Requirements:<br>In addition to that required by Conditions 3(c)(2) and 3 Table 1(w)(1)(v) of this permit, the Company shall upon request by the Department submit monitoring/recordkeeping within thirty (30) calendar days of receiving such request. *(Reference Regulation No 24 Section 50(d)(2)(i) dated 11/29/94)*<br><br>vi. Compliance Certification: |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| and reporting requirements of this condition. *[Reference Regulation No. 24 Section 50(a)(2) dated 11/29/94]*<br><br>B. Emission Limitations:<br>The VOC emissions from emission unit no. 26 shall comply with the PAL limits and provisions of Condition 3 Table 1(w). *[Reference Permit APC-95/0569]* | *[Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93 and Regulation No 24 Section 50(c) dated 11/29/94]*<br>iv. Monitoring/Recordkeeping:<br>The monitoring and recordkeeping requirements of Condition 3 Table 1(w) shall be utilized to demonstrate compliance with the emission standard and emission limitation of this condition. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93 and Regulation No. 24 Section 50(d) dated 11/29/94]* | None in addition to that required by Conditions 3(c)(3) and 3 Table 1(w)(1)(vi) of this permit. *[Reference Permit APC-95/0569]* |
| **n. Emission Unit No. 27 - Gasoline Fluid Fill** | | |
| 1. i. Stage II Requirements:<br>A. No person shall transfer or permit the transfer of gasoline into the fuel tank of any motor vehicle at any applicable facility unless:<br>I. The transfer is made using a Certified Stage II vapor recovery system that is designed, operated, and maintained such that the vapor recovery system removes, destroys, or prevents the discharge into the atmosphere of at least 95% by weight of VOC emissions. *[Reference Regulation No. 24 Section 36 (c)(1) dated 1/11/93]*<br>II. All installed Stage II vapor recovery systems must be certified by California Air Resource Board | iv. Compliance Method: Compliance with the emission standards and operational limitations of this condition shall be demonstrated by the monitoring/recordkeeping and testing requirements of this condition. *[Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93]*<br>v. Monitoring/Recordkeeping:<br>Stage II system owners and operators shall maintain various types of compliance and testing records as listed in Regulation No. 24 Section f of Appendices "J", "J2", and "J3". *[Reference Regulation No. 24 Section 36(j) dated 1/11/93]*<br>vi. Testing:<br>A. The Company shall perform the following tests in accordance with the test methods and procedures in Regulation No. 24 Appendix "J" or as otherwise approved by the Department in | vii. Reporting Requirement:<br>A. The Department shall receive written notification 10 working days prior to any test operation, unless permission is granted to the contrary. *[Reference Regulation No 24 Section 36(g)(1) dated 1/11/93]*<br><br>B. The owner and operator and the test contractor shall report all test failures to the Department within twenty-four (24) hours of the failure. *[Reference Regulation No. 24 Section 36(g)(2) dated 1/11/93]*<br><br>viii. Compliance Certification:<br>None in addition to those required by Condition 3(c)(3) of this permit. |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| (CARB). *[Reference Regulation No. 24 Section 36(c)(2) dated 1/11/93]*<br>ii. Operating Instructions/Postings:<br>A. The owner and/or operator of the facility shall conspicuously post operating instructions for the vapor recovery system on the front of each gasoline dispenser to include the following:<br>I. A clear description of how to correctly dispense gasoline with the vapor recovery nozzles.<br>II. A warning that repeated attempts to continue dispensing gasoline, after the system has indicated that the vehicle fuel tank is full (by automatically shutting off), may result in spillage or recirculation of gasoline.<br>III. A telephone number, conspicuously displayed, to report problems experienced with the vapor recovery system to the Department.<br>*[Reference Regulation No. 24 Section 36(h) dated 1/11/93]*<br>iii. Other General Requirements:<br>A. Conspicuously post "Out of Order" signs on any nozzle associated with any aboveground part of the vapor recovery system which is defective until said system has been repaired in | accordance with Regulation No. 24 Appendix "J" subsection b.1., and within the context of the provisions of Regulation No. 24 Appendix "J" subsection c. The tests shall be carried out at the completion of the installation, and as per the schedule listed below:<br>I. A pressure decay/leak test every five (5) years. *[Reference Regulation No. 24 Section 36(f)(1)(i) dated 1/11/93]*<br>II. A dynamic backpressure (dry) test annually. A Department representative shall be present at least once every three (3) years. *[Reference Regulation No. 24 Section 36(f)(1)(ii) dated 1/11/93]*<br>III. A vapor space tie test shall be performed only at the time of the installation; this test verifies proper installation of the underground piping (See Regulation No. 24 Appendix "J2" step d.10). *[Reference Regulation No. 24 Section 36(f)(1)(iii) dated 1/11/93]*<br>IV. A liquid blockage (wet ) test, only after installation. *[Reference Regulation No. 24 Section 36(f)(1)(iv) dated 1/11/93]*<br>V. Testing to ensure proper functioning of nozzle automatic shut-off mechanisms and flow prohibiting mechanisms, where applicable. *[Reference Regulation No. 24 Section 36(f)(1)(v) dated 1/11/93]*<br>B. The Department may require that all of the above tests shall be required if there | |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| accordance with Regulation No. 24 Appendix "J".<br>B. Provide adequate training and written instructions to the operator of the affected facility to assure proper operation of the vapor recovery system in accordance with Regulation No. 24 Appendix "J".<br>C. The owner and/or operator of the facility shall perform routine maintenance inspections of the Stage II Vapor Recovery System on a daily basis, in accordance with Regulation No. 24 Appendix "J".<br>*(Reference Regulation No. 24 Section 36 (i) dated 1/11/93)* | are modifications or repairs. *(Reference Regulation No. 24 Section 36(i)(2) dated 1/11/93)* | |
| 2. i. Stage I Vapor Recovery - Work Practice Standards<br>The owner or operator of each gasoline dispensing facility shall comply with the following requirements:<br>A. All gasoline storage tanks at gasoline dispensing facility shall be loaded by submerged fill.<br>B. All vapor lines on the storage tank shall be equipped with closures that seal upon disconnect.<br>C. All vapor balance system shall be installed with a vapor-tight line from the gasoline storage tank to the gasoline tank truck. The system shall be designed such that the gauge | ii. Compliance Method:<br>Compliance with the work practice standards of this condition shall be demonstrated through the monitoring/recordkeeping and testing requirements of this condition. *(Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93)*<br>iii. Monitoring/Recordkeeping:<br>The owner or operator of each gasoline dispensing facility shall maintain daily records showing the quantity of all gasoline delivered to the site. These records shall be retained for at least five (5) years in a readily accessible location and shall be made available to the Department immediately upon verbal or written request. *(Reference Regulation No. 24 Section 26(d) dated 1/11/93)* | v. Reporting Requirement:<br>The owner or operator shall, for each occurrence of excess emissions, within 30 calendar days of becoming aware of such occurrence, supply the Department with the following information, in addition to complying with any other reporting requirements mandated by the State of Delaware:<br>A. The name and location of the facility.<br>B. The subject sources that caused the excess emissions.<br>C. The time and date of first observation of the excess emissions.<br>D. The cause and expected duration of the excess emissions. |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| pressure in the gasoline tank truck does not exceed 450 millimeters (mm) (18 inches (in.)) of water pressure or 150 mm (5.9 in.) of water vacuum during product transfer.<br>D. If a gauge well separate from the fill tube is used, it shall be provided with a submerged drop tube that extends to within 150 mm (5.9 in) of the gasoline storage vessel bottom.<br>E. Liquid fill connections for all systems shall be equipped with vapor tight caps.<br>*(Reference Regulation No. 24 Section 26(c)(1) dated 1/11/93)* | iv. Testing:<br>None in addition to that required by Condition 3(b)(1)(ii) of this permit. | E. The proposed corrective actions and schedule to correct the conditions causing the excess emissions.<br>*(Reference Regulation No. 24 Section 26(e) dated 1/11/93 and Regulation No. 24 Section 5(b) dated 1/11/93)*<br>vi. Compliance Certification:<br>That required by Condition 3(c)(3) and Condition 3 Table 1(w)(1)(vi) of this permit.<br>*(Reference Permit APC-95/0569)* |
| **o. Emission Unit No. 28 - Lamp Disposer/Crusher** | | |
| 1. Particulate<br>i. Emission Standard:<br>No person shall cause or allow particulate emissions into the atmosphere from this emission unit in excess of 0.2 grains per standard cubic foot. *(Reference Regulation No. 5 Section 2.1 dated 2/1/81)*<br>ii. Operational Limitations:<br>A. The Company shall not operate the fluorescent light bulb crushing unit without the charcoal filter system. *(Reference Permit APC-95/0569)*<br>B. A plastic sheet sealing assembly shall be located between the 55 gallon waste drum and the base of the | iii. Compliance Method: Compliance with the emission standard shall be demonstrated through adherence to the operational limitations of this condition and through the testing and monitoring/recordkeeping requirements of this condition. *(Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93)*<br>iv. Testing: None in addition to that required by Condition 3(b)(1)(ii) of this permit.<br>v. Monitoring/Recordkeeping:<br>A. The Company shall maintain a record of the number and type of bulbs crushed on a daily basis for a period of five (5) years. *(Reference Permit APC-95/0569)* | vi. Reporting:<br>None in addition to Condition 3(c)(2) and Condition 3 Table 1(w)(1)(v) of this permit.<br>vii. Compliance Certification:<br>None in addition to Condition 3(c)(3) of this permit. |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| disposer to minimize the emissions during drum change. *[Reference Permit APC-95/0569]*<br>C. A sealed spring loaded trap door shall be attached to the feed tube entry port to prevent emissions during periods when the machine is idle. *[Reference Permit APC-95/0569]*<br>D. The Company shall operate and maintain emission unit no. 28 including associated air pollution control equipment in a manner to minimize emissions and consistent with good air pollution control practice, which shall be demonstrated through adherence to the facility's Standard operating procedures and preventive maintenance system. The scope of the operating and maintenance procedures identified in the facility's Standard operating procedures and preventive maintenance system shall consider the following: which may include but is not limited to, monitoring results such as pressure drop readings, opacity observations, periodic review of operation and maintenance procedures, and/or inspection including engineering tests or analysis of the source by the Company. *[Reference Regulation No. 2 Sections 11.6 and* | B. The Company shall maintain a copy of the operation and maintenance procedures in accordance with the facility's standard operating procedures and preventive maintenance system. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>C. The Company shall log routine and non-routine maintenance performed on the air pollution control equipment. *[Reference Regulation No 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>D. The Company shall maintain records of monitoring, opacity observations and/or internal inspection of the emission unit as identified in Condition 3 Table 1(o)(1)(ii). *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]* | |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| *11.8 and Regulation No. 30 Section 6(a)(1) dated 11/15/93)* | | |
| **p. Emission Unit No. 29 - Hot Water Generator #1**<br>**Emission Unit No. 30 - Hot Water Generator #2** | | |
| 1. Particulate<br>i. Emission Standard: The Company shall not cause or allow the emission of particulate matter in excess of 0.3 lb/mmBTU heat input, maximum 2 hour average. *(Reference Regulation Section 2.1 dated 2/1/81)*<br>ii. Operational Limitation:<br>The Company shall only combust natural gas in the Hot Water Generators. *(Reference Regulation No. 30 Section 6(a)(1) dated 11/15/93)* | iii. Compliance Method:<br>Compliance with the emission standard shall be based upon compliance with the operational limitation and the monitoring/recordkeeping and testing requirements of this condition.. *(Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93)*<br>iv. Monitoring/Recordkeeping:<br>Records verifying the type of fuel burned in these emission units shall be updated monthly and retained. *(Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93)*<br>v. Testing: There are no additional testing requirements to those listed in Condition 3(b)(1)(ii) of this permit. | vi. Reporting Requirement:<br>There are no additional reporting requirements to those listed in Condition 3(c)(2) and Condition 3 Table 1(w)(1)(v) of this permit.<br>vii. Compliance Certification:<br>There are no additional certification requirements to those listed in Condition 3(c)(3) of this permit. |
| 2. Nitrogen Oxides - State Enforceable Only<br>This state enforceable section (except for Condition 3 Table 1(p)(2)(ii) which is both federally and state enforceable) shall become federally enforceable upon approval of the State Implementation Plan containing this regulation by the administrator of the EPA.<br>i. Emission Standard: Maximum emission rates for nitrogen oxides from fuel burning equipment with a rated heat input | iii. Compliance Method:<br>Compliance with the emission standard of this condition shall be demonstrated by the monitoring/recordkeeping and testing requirements of this condition. *(Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93)*<br>iv. Testing:<br>A. EPA test method 7, 7E, or any other appropriate test method which has been approved in advance by the Department | vi. Reporting Requirement:<br>A. The Company shall, for each occurrence of excess emissions, within thirty (30) calendar days of becoming aware of such occurrence, supply the Department in writing with the following information, in addition to complying with any other reporting requirement mandated by the State of Delaware:<br>1. The name and location of the facility. |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| capacity of 50 mmbtu/hr and less than 100 mmbtu/hr shall not exceed those achieved by installation of either low excess air and low $NO_x$ burner technology or flue gas recirculation technology. *[Reference Regulation No. 12 Section 3.3(b) dated 11/24/93 and Permit APC-95/0569]*<br><br>ii. Operational Limitation:<br>These emission units shall be equipped with low $NO_x$ burners and flue gas recirculation. *[Reference Permit APC-95/0569]* | and EPA shall be used. *[Reference Regulation No. 12 Section 7.4b dated 11/24/93]*<br>B. Within 180 days of the effective date of this permit, the Company shall conduct testing to develop an emission factor (expressed in lb/mmbtu) to be used in the compliance demonstration with the $NO_x$ PAL. *[Regulation No. 12 Section 7.4b dated 11/24/93 and Regulation No. 17 Section 2.2 dated 7/17/84]*<br>v. Monitoring/Recordkeeping:<br>A. Records of all test data. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>B. Records of the manufacturer's design showing low $NO_x$ burners and flue gas recirculation. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>C. Records documenting the basis for the emission factor used in the monthly $NO_x$ emission calculation required under Condition 3 Table 1(w)(1) of this permit. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93 and Permit APC-95/0569]* | 2. The subject source(s) that caused the excess emissions.<br>3. The time and date of first observation of the excess emissions.<br>4. The cause and expected duration of the excess emissions.<br>5. The proposed corrective action(s) and schedule to correct the condition(s) causing the excess emissions.<br>*[Reference Regulation No. 12 Section 7.3 paragraphs a, b, c, d, and f dated 11/24/93 and Permit APC-95/0569]*<br>B. In accordance with Condition 3 Table 1(p)(2)(iv):<br>1. A pre-test protocol shall be submitted at least thirty (30) days in advance of the test date. The tests shall be conducted in accordance with the State of Delaware and federal requirements. *[Reference Regulation No. 17 Section 2.2 dated 7/17/84]*<br>2. The owner or operator shall provide the Department at least thirty (30) days prior notice of any performance test to afford the Department the opportunity to have an observer present. Upon written approval by the Department, the Company may proceed with the compliance demonstration. *[Reference Regulation No. 17 Section 2.2 dated 7/17/84]*<br>3. The results of the tests shall be submitted to the Department within 45 days after completing the test. |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | | *(Reference Regulation No. 12 Section 7.4b dated 11/24/93)*<br>vii. Compliance Certification:<br>That required by Condition 3(c)(3) and Condition 3 Table 1(w)(1)(vi) of this permit. *(Reference Permit APC-95/0569)* |
| **q. Emission Units Nos. 34 - 50, 63 - 77 - Miscellaneous Combustion Units** | | |
| 1. Nitrogen Oxides - State Enforceable Only<br><br>This state enforceable section shall become federally enforceable upon approval of the State Implementation Plan containing this regulation by the administrator of the EPA.<br><br>i. Emission Standard: The maximum emission rate for nitrogen oxides from fuel burning equipment with a rated heat input capacity of greater than or equal to 15 mmbut/hr and less than 50 mmbtu/hr shall not exceed those achieved through an annual tune-up performed by qualified personnel. *(Reference Regulation No. 12 Section 3.3(b) dated 11/24/93 and Permit APC-95/0569)* | ii. Compliance Method:<br>Compliance with the emission standard of this condition shall be demonstrated by the monitoring/testing and recordkeeping requirements of this condition. *(Reference Regulation No 30 Section 6(a)(3) dated 11/15/93)*<br>iii. Monitoring:<br><br>The tune-up shall be in accordance with the facility's standard operating procedures and preventive maintenance system recommendations. *(Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93)*<br><br>iv. Testing:<br>None in addition to that required by Condition 3(b)(1)(ii) of this permit.<br><br>v. Recordkeeping:<br>A. The Company shall maintain a log of the date and detail of the tune-up for each emission unit. *(Reference Regulation No. 12 Section 3.3(b) dated 11/24/93)* | vi. Reporting Requirement:<br><br>The Company shall, for each occurrence of excess emissions, within thirty (30) calendar days of becoming aware of such occurrence, supply the Department in writing with the following information, in addition to complying with any other reporting requirement mandated by the State of Delaware:<br>A. The name and location of the facility.<br>B. The subject source(s) that caused the excess emissions.<br>C. The time and date of first observation of the excess emissions.<br>D. The cause and expected duration of the excess emissions.<br>E. The proposed corrective action(s) and schedule to correct the condition(s) causing the excess emissions.<br>*(Reference Regulation No. 12 Section 7.3 paragraphs a, b, c, d, and f dated 11/24/93 and Permit APC-95/0569)*<br><br>vii. Compliance Certification: |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | B. The Company shall maintain a file of the qualifications of the personnel performing the annual tune-up. *[Reference Regulation No. 30 Section 6(a)(3)(ii)(B) dated 11/15/93]* | That required by Condition 3(c)(3) and Condition 3 Table (1)(w)(vi) of this permit. *[Reference Permit APC-95/0569]* |
| 2. Nitrogen Oxides - Fuel Burning Equipment with a total rated heat input capacity of less than 15 mmbtu/hr - State Enforceable Only<br><br>This state enforceable section shall become federally enforceable upon approval of the State Implementation Plan containing this regulation by the administrator of the EPA.<br><br>i. Fuel burning equipment with a rated heat input capacity of less than 15 mmbtu/hr is exempt from the demonstration of reasonably available control technology requirement. *[Reference Regulation No. 12 Section 4.1(c) dated 11/24/93]* | ii. Compliance Method:<br>Compliance shall be demonstrated through the monitoring/recordkeeping and testing requirements of this condition. *[Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93]*<br><br>iii. Monitoring/Recordkeeping:<br>The Company shall maintain records of the manufacturer's rated heat input capacity of the equipment. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br><br>iv. Testing:<br>None in addition to that listed in Condition 3(b)(1)(ii) of this permit. | v. Reporting Requirement:<br>The Company shall, for each occurrence of excess emissions, within thirty (30) calendar days of becoming aware of such occurrence, supply the Department in writing with the following information, in addition to complying with any other reporting requirement mandated by the State of Delaware:<br><br>A. The name and location of the facility.<br>B. The subject source(s) that caused the excess emissions.<br>C. The time and date of first observation of the excess emissions.<br>D. The cause and expected duration of the excess emissions.<br>E. The proposed corrective action(s) and schedule to correct the condition(s) causing the excess emissions.<br>*[Reference Regulation No. 12 Section 7.3 paragraphs a, b, c, d, and f dated 11/24/93 and Permit APC-95/0569]*<br><br>vi. Compliance Certification:<br>That required by Condition 3(c)(3) and Condition 3 Table (1)(w)(vi) of this permit. *[Reference Permit APC-95/0569]* |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| 3. Particulate<br>i. Emission Standard:<br>The Company shall not cause or allow the emission of particulate matter in excess of 0.3 lb/mmBTU heat input, maximum 2-hour average. *[Reference: Regulation No. 4 Section 2.1 dated 2/1/81]*<br>ii. Operational Limitation:<br>The Company shall only combust natural gas. *[Reference Regulation No. 30, Section 6(a)(1) dated 11/15/93 and Permits APC-95/0569]* | iii. Compliance Method:<br>Compliance with the emission standard of this condition is based upon the operational limitation and the monitoring/recordkeeping and testing requirements. *[Reference: Regulation No. 30, Section 6(a)(3) dated 11/15/93]*<br>iv. Monitoring/Recordkeeping:<br>Records verifying the type of fuel burned in these emission units shall be updated monthly and retained. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>v. Testing:<br>None in addition to that required by Condition 3(b)(1)(ii). | vi. Reporting Requirement:<br>None in addition to Condition 3(c)(2) and Condition 3 Table 1(w)(1)(v) of this permit.<br>vii. Compliance Certification:<br>None in addition to Condition 3(c)(3) of this permit. |

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## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| r. **Emission Unit No. 51 - Power Steering Tank**<br>**Emission Unit No. 52 - Motor Oil Tank**<br>**Emission Unit No. 53 - Antifreeze Tank**<br>**Emission Unit No. 54 - Transmission Fluid Tank**<br>**Emission Unit No. 57 - Resin Tank**<br>**Emission Unit No. CCP1 - Clearcoat Purge Bulk Storage**<br>**Emission Unit No. OWR1 - Organic Waste Recovery Emission Unit No. TA/001 - Pre-Wipe Bulk Tank**<br>**Emission Unit No. TA/002 - Cleaner Bulk Tank**<br>**Emission Unit No. 58 - Pigment Tank** | | |
| 1. Volatile Organic Compounds (VOCs)<br>i. Operational Limitation:<br>The emission units of this condition with a design capacity of less than 75 $m^3$ (19,812.7 gallons) are subject to no provision of 40 CFR 60 Subpart Kb other than that required by 40 CFR 60.116. *(Reference 40 CFR 60.116(b) dated 6/16/87)* | ii. Compliance Method:<br>Compliance shall be demonstrated by the testing and monitoring/recordkeeping requirements of this condition. *(Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93)*<br>iii. Testing:<br>None in addition to that required by Condition 3(b)(1)(ii) of this permit.<br>iv. Monitoring/Recordkeeping:<br>A. The owner or operator shall keep copies required by 40 CFR 60.116(b) for the life of the source. *(Reference 40 CFR 60.116(a) dated 6/16/87)*<br>B. The owner or operator shall keep readily accessible records showing the dimension of the storage vessels and an analysis showing the capacity of the storage vessel. *(Reference 40 CFR 60.116(b) dated 6/16/87)* | v. Reporting Requirement:<br>None in addition to those listed in Condition 3(c)(2) and Condition 3 Table 1(w)(1)(v) of this permit.<br>vi. Compliance Certification:<br>That required by Condition 3(c)(3) and Condition 3 Table 1(w)(1)(vi) of this permit. *(Reference Permit APC-95/0569)* |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| **s. Emission Unit No. 55 - Gasoline Tank #1<br>Emission Unit No. 56 - Gasoline Tank #2** | | |
| 1. Volatile Organic Compounds (VOCs)<br>i. Emission Standard:<br>The requirements of Regulation No. 24 Section 49 does not apply to storage vessels with a capacity equal to or greater than 5,000 gallons and less than 40,000 gallons provided that records are maintained consistent with Regulation No. 24 Section 49 (e)(2) -Permit Condition 3 Table 1(s)(1)(iv). *[Reference Regulation No. 24 Section 49(a)(ii) dated 11/29/94]* | ii. Compliance Method:<br>Compliance shall be demonstrated through the testing and monitoring/recordkeeping requirements of this condition. *[Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93]*<br>iii. Testing:<br>None in addition to that required by Condition 3(b)(1)(ii) of this permit.<br>iv. Monitoring/Recordkeeping:<br>The owner or operator of each storage vessel shall maintain records showing the dimensions of the storage vessel and an analysis showing the capacity of the storage vessel. *[Reference Regulation No 24 Section 49(e)(2) dated 11/29/94]* | v. Reporting Requirement:<br>None in addition to those listed in Condition 3(c)(2) and Condition 3 Table 1(w)(1)(v) of this permit.<br>vi. Compliance Certification:<br>That required by Condition 3(c)(3) and Condition 3 Table 1(w)(1)(vi) of this permit. *[Reference Permit APC-95/0569]* |
| **t. Emission Unit No. E - Fuel Oil Storage Tanks "D" and "E"** | | |
| 1. Volatile Organic Compounds:<br>i. Emission Standard: None. *[Reference Regulation No. 24, Section 31(e)(2) dated 11/29/94]*<br>ii. Operational Limitation: The Company shall not store material in the storage tanks with a maximum true vapor pressure of 1.0 pound per square inch | iii. Compliance Method: Compliance with the emission standard and operational limitation of this permit shall be demonstrated by the monitoring/testing and recordkeeping requirements of this condition. *[Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93]* | vi. Reporting Requirement: None in addition to those listed in Condition 3(c)(2) and Condition 3 Table 1(w)(1)(v) of this permit.<br>vii. Compliance Certification: That required by Condition 3(c)(3) and Condition 3 Table |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| pressure of 1.0 pound per square inch atmospheric (psia) or greater. *[Reference Regulation No. 30 Section 6(a)(1) dated 11/15/93]* | iv. Monitoring/Testing: No additional testing requirement to that in Condition 3(b)(1)(ii).<br>v. Recordkeeping: The Company shall, for each storage vessel, maintain records documenting the maximum true vapor pressure of the material stored. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]* | 1(w)(1)(vi) of this permit. *[Reference Permit APC-95/0569]* |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| **u. Emission Unit No. 61 - Miscellaneous Productive Items<br>Emission Unit No. 62 - Miscellaneous Non-productive Items<br>Emission Unit No. 14 - UV Inspection<br>Emission Unit No. 25 - Paint Mix Building - activities related to cleaning and industrial cleaning solvent usage.** | | |
| 1. Volatile Organic Compounds (VOCs)<br>i. Applicability:<br>The requirements of this condition apply to all sources at the facility that use organic solvents for the purpose of cleaning. The requirements of this condition (except for reporting and certification) do not apply to any source that is covered under Regulation No. 24 Section 33, any non-manufacturing area cleaning operation, and any non-routine maintenance of manufacturing facilities and equipment. *[Reference Regulation No. 24 Section 45(a)(1)(i), (ii), and (iii) dated 11/29/94]*<br>ii. Work Practice Standards:<br>The Company shall conduct cleaning at the facility in accordance with the following work practices. The Company may implement changes to these work | iv. Compliance Method:<br>Compliance with the work practice standards, applicability, and general provisions of this condition shall be demonstrated by the monitoring, testing, and recordkeeping requirements of this condition. *[Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93]*<br>v. Test Methods:<br>Formulation data or other as approved by the Department. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>vi. Monitoring/Recordkeeping:<br>A. The Company shall maintain detailed records of organic solvent usage for each Unit Operating System (UOS) in accordance with the requirements listed in Regulation No. 24, Section 45, "Industrial Cleaning Solvents", paragraph (c). *[Reference Regulation No. 24 Section 45(e)(1) dated 11/29/94]* | vii. Reporting Requirements:<br>The Company shall submit reports to the Department with the annual compliance certification required under Condition 3 Section 3(c)(3) of each year. This report shall include the following information:<br>A. The name and location of the facility,<br>B. The address and telephone number of the person responsible for the facility, and<br>C. The tons of solvent used during the prior calendar year and a copy of the calculations that were performed to estimate the amounts.<br>*[Reference Regulation No. 24 Section 45(f)(1),(2),(3) dated 11/29/94 and Permit APC-95/0569]*<br>viii. Compliance Certification:<br>That required by Condition 3(c)(3) and Condition 3 Table 1(w)(1)(vi) of this permit. *[Reference Permit APC-95/0569]* |

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## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| practice standards provided it does not result in an increase in emissions:<br>A. The grates of the main and auxiliary booths shall be cleaned using low or zero VOC techniques.<br>B. The floors of the Clean Room shall be cleaned with a low VOC cleaner.<br>C. Booth wall coating shall be of a low VOC content.<br>D. Robot and arm covers shall be used on robotic equipment.<br>E. Additional automation equipment (e.g. applicator housings) shall be covered.<br>F. A purge recovery system shall be utilized.<br>*(Reference Regulation No. 30 Section 6(a)(1) dated 11/15/93 and Regulation No. 24 Section 45(c)(3)(vii) dated 11/29/94)*<br>iii. General Provisions:<br>A. New, reconstructed, or modified sources shall comply with the requirements of Regulation No. 24 Section 45 beginning fifteen months after startup and shall follow the time schedule for the solvent usage study, screening tests, and trial evaluations as specified in this section. *(Reference Regulation No. 24 Section 45(a)(4) dated 11/29/94 and Permit APC-95/0569)*<br>B. An owner or operator may implement changes to its cleaning solvent proposal that have been approved and implemented under Regulation No. 24 | B. The Company shall maintain monthly organic solvent usage for each UOS. *(Reference Regulation No. 24 Section 45(e)(2) dated 11/29/94 and Permit APC-95/0569)*<br>C. The Company shall maintain monthly VOC emission calculations for each UOS. *(Reference Regulation No. 24 Section 45(e)(2) dated 11/29/94 and Permit APC-95/0569)*<br>D. The records for each UOS shall, at a minimum, include the following:<br>I. The name and identification of each solvent material<br>II. A listing of the operations in which the solvents were used.<br>III. The pounds of VOC per gallon of each solvent calculated using<br>IV. The total gallons of solvent utilized for cleaning operations.<br>*(Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93)*<br>E. The Company shall for each shipment of waste solvent from the purge solvent recovery tank to a solvent reclaimer, obtain from the solvent reclaimer the weight percent solids, weight percent water, density of waste material shipped, total gallons of waste material shipped, pounds VOC per gallon, and the VOC credit in pounds per shipment. *(Reference Regulation No. 30 Section 6(a)(3)(i)(β) dated 11/15/93)*<br>F. The Company shall obtain a statement from each of its cleaning material suppliers listing the name of each | |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| Section 45(c)(3)(vi) and (c)(3)(vii), if the change results in no increase in emissions. In such case, no notification to the Department shall be required. The change, however, shall still be subject to any preconstruction permitting and operating permit approvals that may apply. *[Reference Regulation No. 24 Section 45 (c)(3)(viii) dated 11/29/94]* | cleaning material, its VOC content, and the quantity of cleaning material delivered. *[Reference Regulation No. 30 Section 6(a)(3)(ii)(B) dated 11/15/93]* | |
| 2. Cold Cleaning Solvent Metal Degreasers -<br>i. Work Practice Standards:<br>A. The cleaners shall be equipped with a cover that is easily operated with one (1) hand for any of the following conditions:<br>1. The solvent true vapor pressure is greater than fifteen (15) millimeters of Mercury (mm Hg) or 0.3 pound per square inch (psi) measured at 100°F by ASTM D323-89;<br>2. The solvent is agitated; or<br>3. The solvent is heated.<br>*[Reference Regulation No. 24 Section 33(c)(1)(i) dated 1/11/93 and Permit APC-95/0569]*<br>B. A permanent label, summarizing the proper operating procedures, shall be posted conspicuously on or near each degreaser. *[Reference Regulation No. 24 Section 33(c)(1)(iv) dated 1/11/93 and APC-95/0569]* | iii. Compliance Method:<br>Compliance shall be demonstrated by monitoring/testing and recordkeeping of this condition. *[Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93]*<br>iv. Monitoring/Testing:<br>Monitor Material Safety Data Sheet for every cleaning solvent. Use ASTM D323-89 for measuring solvent true vapor pressure. *[Reference Regulation No. 30 Section 6(a)(3)(ii)(B) dated 11/15/93 and Regulation No. 24 Section 33(d)(5) dated 1/11/93]*<br>v. Recordkeeping:<br>The Company shall maintain copies of the manufacturer supplied Material Safety Data Sheet showing the solvent content and the vapor pressure of the solvent used as determined by the monitoring/testing of this condition. *[Reference Regulation No. 30 Section 6(a)(3)(ii)(B) dated 11/15/93]* | vi. Reporting Requirement:<br>The Company shall for each occurrence of excess emissions within 30 calendar days of becoming aware of such occurrence supply the Department with the following information, in addition to complying with any other reporting requirements mandated by the State of Delaware:<br>A. The name and location of the facility.<br>B. The subject sources that caused the excess emissions.<br>C. The time and date of first observation of the excess emissions.<br>D. The cause and expected duration of the excess emissions.<br>E. The proposed corrective actions and schedule to correct the conditions causing the excess emissions. *[Reference Regulation No. 24 Section 5(b) dated 11/29/94, Regulation No. 24 Section 33(f)(2) dated 1/11/93, and Permit APC-95/0569]* |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| C. Waste solvent shall be stored in covered containers. *(Reference Regulation No. 24 Section 33(c)(1)(v) dated 1/11/93 and APC-95/0569)*<br>D. For tanks equipped with covers, the cover shall be closed whenever parts are not being handled in the cleaner. *(Reference Regulation No. 24 Section 33(c)(1)(vi) dated 1/11/93 and APC-95/0569)*<br>E. The cleaned parts shall be drained until dripping ceases. *(Reference Regulation No. 24 Section 33(c)(1)(vii) dated 1/11/93 and APC-95/0569)*<br>F. If, at any time, the degreasing operation call for spraying of solvent, then the spray shall be a solid fluid stream (not a fine, atomized, or shower type spray) at a pressure that does not exceed ten (10) pounds per square inch gauge (psig). *(Reference Regulation No. 24 Section 33(c)(1)(viii) dated 1/11/93 and APC-95/0569)*<br>G. Porous or absorbent material, such as cloth, leather, wood, or rope shall not be cleaned in any degreaser. *(Reference Regulation No. 24 Section 33(c)(1)(ix) dated 1/11/93 and APC-95/0569)*<br>ii. Operational Limitation:<br>Solvent heated above 120°F and/or having a true vapor pressure greater than 32 mm HG measured at 100°F shall not be used in any cold solvent degreaser at the facility. *(Reference Regulation No. 30 Section 6(a)(1) dated 11/15/93)* | | vii. Certification Requirement:<br>That required by Condition 3(c)(3) and Condition 3 Table 1(w)(1)(vi) of this permit. *(Reference Permit APC-95/0569)* |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| **v. Emission Unit No. 9 - Maintenance Paint Spray Booth<br>Emission Unit No. 13 - Sealer Deck<br>Emission Unit No. 20 - Blackout Application<br>Emission Unit No. 60 - Glass Installation<br>Emission Unit No. 61 - Miscellaneous Productive Items<br>Emission Unit No. 62 - Miscellaneous Non-productive Items** | | |
| 1. Volatile Organic Compounds -Miscellaneous Metal Parts Coating - Complying Coating<br><br>i. A. Applicability:<br><br>Application to metal parts of underbody anti-chip coatings (e.g. underbody plastisol) and coatings other than prime, primer surfacer, topcoat, and final repair shall be subject to the requirements of Regulation No. 24 Section 22 (Miscellaneous Metal Parts). *[Reference Regulation No. 24 Section 13 (a)(4) dated 1/11/93]*<br><br>B. Emission Standard:<br>The Company shall not cause or allow, on any day, the application of | ii. Compliance Method:<br>**Option 1: Compliance Methodology - Compliance through the use of complying coatings.**<br><br>The following methodology shall be utilized when the method of compliance with the emission standard of this condition shall be demonstrated through the use of complying coatings. Compliance shall be demonstrated at any given time through Option 1, Option 2, or Option 3. Compliance with the emission standard through all three options is not required simultaneously. (Where Option 1 refers to Condition 3 Table 1(v)(1); Option 2 refers to Condition 3 Table 1(v)(2); Option 3 refers to Condition 3 Table 1(v)(3)) *[Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93]*<br>iii. Testing: | v. Reporting Requirements:<br><br>In addition to that required by Conditions 3(c)(2) and 3 Table 1(w)(1)(v):<br><br>A. Any record showing use of any non complying coatings shall be reported by sending a copy of such record to the Department within 45 calendar days following that use. *[Reference Regulation No. 24 Section 22(g)(2) dated 1/11/93, Regulation No. 24 Section 4(c)(3)(i) dated 11/24/93, and Permit APC-95/0569]*<br>B. At least thirty (30) calendar days before changing the method of compliance from the use of complying coatings to daily-weighted averaging or control devices, the owner or operator shall comply with all requirements of Regulation No. 24 Section |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| any air dried coating with VOC content in excess of 3.5 pounds per gallon, excluding water and exempt compounds, as applied, from any miscellaneous metal parts coating operation. *[Reference Regulation No. 24 Section 22(c)(iii) dated 1/11/93 and Permit APC-95/0569]* | The test methods found in Regulation No. 24 Appendix "A" through "B" shall be used to determine compliance with the emission standard listed in Condition 3 Table 1(v)(1)(i). *[Reference Regulation No. 24 Section 22(f) dated 1/11/93]*<br>iv. Monitoring/Recordkeeping:<br>The owner or operator shall on and after the initial startup date collect and record all of the following information for each calendar month and prorate to each calendar day based upon corresponding production records:<br>A. The name and identification number of each coating, as applied, on each coating unit, line, or operation. *[Reference Regulation No. 24 Section 22(g)(2) dated 1/11/93, Regulation No. 24 Section 4(c)(2) dated 11/24/94, and Permit APC-95/0569]*<br>B. The mass of VOC per volume of each coating (excluding water and exempt compounds), as applied, used each day on each coating unit, line, or operation. *[Reference Regulation No. 24 Section 22(g)(2) dated 1/11/93, Regulation No. 24 Section 4(c)(2) dated 11/24/94, and Permit APC-95/0569]*<br>C. The volume of each coating applied each day on each coating unit, line, or operation. *[Reference Regulation No. 24 Section 22(g)(2) dated 1/11/93, Regulation No. 24 Section 4(c)(2) dated 11/24/94, and Permit APC-95/0569]*<br>D. The VOC content as supplied, and the method utilized to determine the VOC content, shall be provided in documentation from the supplier. | 4(d)(1) or 4(e)(1), respectively, as well as Regulation No. 2. Upon changing the method of compliance from the use of complying coatings to daily-weighted averaging or control devices, the owner or operator shall comply with all requirements of Regulation No. 24 Section 22 as identified in Condition 3 Table 1(v)(2) for compliance through the use of daily weighted averaging and Condition 3 Table 1(v)(3) for compliance through the use of a control device. *[Reference Regulation No. 24 Section 22(g)(2) dated 1/11/93 and Regulation No. 24 Section 4(c)(3)(ii) dated 11/29/94]*<br>vi. Compliance Certification:<br>In addition to that required by Conditions 3(c)(3) and 3 Table 1(w)(1)(vi):<br>At least thirty (30) calendar days prior to changing the method of compliance for an existing subject coating unit, line, or operation from daily weighted averaging or control devices to the use of complying coatings or upon startup of a new coating unit, line, or operation using a coating meeting the definition of an "air dried coating" (and subject to the emission standard of this condition), the owner or operator of a coating unit, line, or operation subject to the emission standard(s) listed in Condition 3 Table 1(v)(1) shall certify to the Department that the coating unit, line, or operation is or will be in |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | Acceptable documentation would include, but is not limited to, a Material Safety Data Sheet, which indicates both the VOC content and method utilized to estimate VOC content, or a MSDS and documentation from the supplier, indicating the method utilized to estimate the VOC content identified on the MSDS. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]* | compliance with the requirements of Regulation No. 24 Section 22 as identified in this condition on and after the initial startup date. Such certification shall include:<br><br>A. The name and location of the facility.<br>B. The address and telephone number of the person responsible for the facility.<br>C. Identification of subject sources.<br>D. The name and identification number of each coating, as applied, on each coating unit, line, or operation.<br>E. The mass of VOC per volume (excluding water and exempt compounds) and the volume of each coating (excluding water and exempt compounds), as applied per day.<br>F. The time at which the facility's "day" begins if a time other than midnight local time is used to define a "day."<br>*[Reference Regulation No. 24 Section 22(g)(2) dated 1/11/93, Regulation No. 24 Sections 4(c)(1) and 4(c)(3)(ii) dated 11/24/93, and Permit APC-95/0569]* |
| 2. Volatile Organic Compounds (VOCs) from Miscellaneous Metal Parts Coating Operations<br><br>i. A. Applicability: Application to metal parts of underbody anti-chip coatings (e.g. underbody plastisol) and coatings other than prime, primer surfacer, topcoat, and final repair shall be subject to the requirements of | ii. Compliance Method:<br>**Option 2: Compliance Methodology - Compliance through the use of daily weighted averaging**<br><br>The following methodology shall be utilized when the method of compliance with the emission standard of this condition shall be demonstrated through the use of daily | v. Reporting Requirement:<br>In addition to that required by Conditions 3(c)(2) and 3 Table 1(w)(v):<br><br>A. Any record showing noncompliance with the applicable daily-weighted average requirements shall be reported by sending a copy of the record to the Department within 45 calendar days of completing the |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| Regulation No. 24 Section 22 (Miscellaneous Metal Parts). *[Reference Regulation No. 13(a)(4) dated 1/11/93]*<br>B. Emission Standard:<br>The Company shall not cause or allow, on any day, the application of any air dried coating with VOC content in excess of 3.6 pounds per gallon, excluding water and exempt compounds, as applied, from any miscellaneous metal parts coating operation. *[Reference Regulation No. 24 Section 22(c)(iii) dated 1/11/93 and Permit APC-95/0569]* | weighted averaging. Compliance shall be demonstrated at any given time through Option 1, Option 2, or Option 3. Compliance with the emission standard through all three options is not required simultaneously. (Option 1 refers to Condition 3 Table 1(v)(1); Option 2 refers to Condition 3 Table 1(v)(2); Option 3 refers to Condition 3 Table 1(v)(3).) *[Reference Regulation No 30 Section 6(a)(3) dated 11/15/93]*<br><br>iii. Monitoring:<br>No owner or operator of a miscellaneous metal parts and products coating unit that applies multiple coatings, all of which are subject to the emission standard of this condition shall apply, during any day, coatings on that unit whose daily weighted average VOC content calculated in accordance with the procedure in Regulation No. 24 Appendix C exceeds the emission standard of this condition. *[Reference Regulation No. 24 Section 22(d) dated 1/11/93]* The calculations pursuant to Regulation No. 24 Appendix C shall be completed within thirty (30) calendar days of the end of each calendar month. The daily weighted average calculation shall utilize information pertaining to the amount of coating applied for each calendar month and prorated to each calendar day based upon production data. *[Reference Regulation No 30 Section 6(a)(3)(i)(B) dated 11/15/93]* | calculations pursuant to this condition. *[Reference Regulation No. 24 Section 4(d)(3)(i) dated 11/29/94]*<br><br>B. At least thirty (30) calendar days before changing the method of compliance from daily weighted averaging to the use of complying coatings or control devices, the owner or operator shall comply with all requirements of Regulation No. 24 Section 4(c)(1) or 4(e)(1), respectively, as well as Regulation No. 2. Upon changing the method of compliance from daily weighted averaging to the use of complying coatings or control devices, the owner or operator shall comply with all requirements of Regulation No. 24 Section 22 as identified in Condition No. 3 Table 1(v)(1) for compliance through the use of complying coatings and Condition No. 3 Table 1(v)(3) for compliance through the use of a control device. *[Reference Regulation No. 24 Section 22(g)(3) dated 1/11/93, Regulation No. 24 Section 4(d)(3)(ii) dated 11/29/94, and Permit APC-95/0569]*<br><br>vi. Compliance Certification:<br>In addition to that required by Condition 3(c)(3) and Condition 3 Table 1(w)(1)(vi) of this permit:<br><br>At least thirty (30) calendar days prior to changing the method of compliance for an |

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## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | The Company shall utilize the following equation from Regulation No. 24 Appendix C:<br><br>$$VOC_w = \sum_{i=1}^{n} \frac{V_i C_i}{V_T}$$<br><br>where:<br>$VOC_w$ = the daily weighted average VOC content of the coatings, as applied, used in the Miscellaneous Metal Parts Coating Areas in units of pounds of VOC per gallon of coating (lb VOC/gal), excluding water and exempt compounds;<br>$n$ = the number of different coatings, as applied, each day in the Miscellaneous Metal Parts Coating Areas;<br>$V_i$ = the volume of each coating, as applied, each day in the Miscellaneous Metal Parts Coating Areas in units of gallons, excluding water and exempt compounds;<br>$C_i$ = the VOC content of each coating, as applied, each day in the Miscellaneous Metal Parts Coating Areas in units of pounds VOC per gallon, excluding water and exempt compounds; and | existing subject coating unit, line, or operation from daily weighted averaging or control devices to the use of complying coatings or upon startup of a new coating unit, line, or operation that utilizes a coating meeting the definition of an "air dried" coating (and subject to the emission standard of this condition), the owner or operator shall certify to the Department that the coating unit, line, or operation is or will be in compliance with the requirements of Regulation No. 24 Section 13(c)(1)(ii) or (c)(1)(iii), Conditions 3 Table 1(k)(1)(i)(A) or Condition 3 Table 1(k)(1)(i)(B), respectively and the associated monitoring, testing, and recordkeeping requirements of Regulation No. 24 Section 13 as identified in this condition. Such certification shall include:<br><br>A. The name and location of the facility<br>B. The address and telephone number of the person responsible for the facility.<br>C. Identification of subject sources.<br>D. The name and identification number of each coating, as applied, on each coating unit, line, or operation.<br>E. The mass of VOC per volume (excluding water and exempt compounds) and the volume of each coating (excluding water and exempt compounds), as applied per day. |

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## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | $V_T$ = the total volume for all coating, as applied, each day in the Miscellaneous Metal Parts Coating Areas in units of gallon, excluding water and exempt compounds. *[Reference Regulation No. 24 Section 22(d) dated 1/11/93, Regulation No. 24 Appendix C(a) dated 11/29/94, and Permit APC-95/0569]*<br><br>iv. Recordkeeping:<br>The Company shall collect and record the following information on each calendar month and prorate to each calendar day based upon corresponding production records:<br>A. The name and identification number of each coating, as applied, in the Miscellaneous Metal Parts Coating Areas. *[Reference Regulation No 24 Section 4(d)(2)(i) dated 11/29/94, Regulation No 24 Section 22(g)(3) dated 1/11/93, and Permit APC-95/0569]*<br>B. The mass of VOC per volume of each coating (excluding water and exempt compounds), as applied, used each day in the Miscellaneous Metal Parts Coating Areas. *[Reference Regulation No. 24 Section 4(d)(2)(ii) dated 11/29/94, Regulation No. 24 Section 22(g)(3) dated 1/11/93, and Permit APC-95/0569]*<br>C. The volume of each coating applied each day in the Miscellaneous Metal Parts Coating Areas, as determined through recording of calendar month usage of materials, corresponding VOC content as certified by the supplier, and daily | F. The time at which the facility's "day" begins if a time other than midnight local time is used to define a "day".<br>*[Reference Regulation No. 24 Section 22(g)(3) dated 1/11/93 and Regulation No. 24 Sections 4(c)(1) and (c)(3)(ii) dated 11/29/94]* |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | production records. *[Reference Regulation No. 24 Section 4(d)(2)(ii) dated 11/29/94, Regulation No. 24 Section 22(g)(3) dated 1/11/93, and Permit APC-95/0569]*<br>D. The daily weighted average VOC content of all coatings, as applied, in the Miscellaneous Metal Parts Coating Areas calculated according to the procedure in this condition. Additionally, the daily weighted average VOC content shall be computed using the monthly material usage, corresponding VOC content as certified by the supplier, and daily production records. *[Reference Regulation No. 24 Section 4(d)(2)(iii) dated 11/29/94, Regulation No. 24 Section 22(g)(3) dated 1/11/93, and Permit APC-95/0569]*<br>E. The VOC content as supplied, and the method utilized to determine the VOC content, will be provided in documentation from the supplier. Acceptable documentation would include, but is not limited to, a Material Safety Data Sheet (MSDS), which indicates both the VOC content and method utilized to estimate VOC content, or a MSDS and documentation from the supplier, indicating the method utilized to estimate the VOC content identified on the MSDS. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>v. Testing:<br>The test methods found in Appendix A through Appendix C of Regulation No. 24 | |

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## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | shall be used to determine compliance. *[Reference Regulation No. 24 Section 22(f) dated 1/11/93]* | |
| 3. Volatile Organic Compounds (VOCs)<br><br>i. Miscellaneous Metal Parts Coating -<br><br>A. Applicability:<br>Application to metal parts of underbody anti-chip coatings (e.g. underbody plastisol) and coatings other than prime, primer surfacer, topcoat, and final repair shall be subject to the requirements of Regulation No. 24 Section 22 (Miscellaneous Metal Parts). *[Reference Regulation No. 24 Section 13 (a)(4) dated 1/11/93]*<br><br>B. Emission Standard:<br>The Company shall not cause or allow, on any day, the application of any air dried coating with VOC content in excess of 3.5 pounds per gallon, excluding water and exempt compounds, as applied, from any miscellaneous metal parts coating operation. *[Reference Regulation No. 24 Section 22(c)(iii) dated 1/11/93 and Permit APC-95/0569]*<br><br>ii. Operational Limitations: | iii. Compliance Method:<br><br>**Option 3: Compliance Methodology - Compliance through the use of capture and control**<br><br>The following methodology shall be utilized when the method of compliance with the emission standard of this condition shall be demonstrated through the use of a control device. Compliance shall be demonstrated at any given time through Option 1, Option 2, or Option 3. Compliance with the emission standard through all three options is not required simultaneously. (Option 1 refers to Condition 3 Table 1 (v)(1); Option 2 refers to Condition 3 Table 1(v)(2); Option 3 refers to Condition 3 Table 1(v)(3)) *[Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93]*<br>iv. Monitoring:<br>The owner or operator shall ensure that:<br>A. A capture system and control device are operated at all times that the unit is in operation, and the owner or operator demonstrates compliance with the emission standard of this condition through the applicable coating analysis and capture system and control device efficiency test methods specified in | vii. Reporting Requirements:<br><br>In addition to that required by Condition 3(c)(2) and Condition 3 Table 1(w)(1)(v) of this permit:<br><br>A. The Company shall notify the Department of any record showing noncompliance with the applicable requirements for control devices by sending a copy of the record to the Department within 45 calendar days following the occurrence. *[Reference Regulation No. 24 Section 22(g)(4) dated 1/11/93, Regulation No. 24 Section 4(e)(3)(i) dated 11/29/94]*<br>B. At least thirty (30) calendar days before changing the method of compliance from control devices to the use of complying coatings or daily-weighted averaging, the owner or operator shall comply with all requirements of Regulation No. 24 Section 4(c)(1) or 4(d)(1), respectively, as well as Regulation No. 2. Upon changing the method of compliance from control devices to the use of complying coatings or daily-weighted averaging, the owner |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| An owner or operator of a miscellaneous metal parts and products coating unit shall comply with the emission standard of this condition by:<br>A. Installing and operating a capture system on that unit.<br>B. Installing and operating a control device on that unit.<br>C. Determining for each day the overall emission reduction efficiency needed to demonstrate compliance. The overall emission reduction needed for a day is the lesser of the value calculated according to the procedure in Regulation No. 24 Appendix "C"(c) or 95 percent.<br>D. Demonstrating each day that the overall emission reduction efficiency achieved for that day, as determined in Regulation No. 24 Appendix "D"(c) is greater than or equal to the overall emission reduction efficiency required for that day. *[Reference Regulation No. 24 Section 22(e)(1) dated 1/11/93]*<br>E. The combustion chamber set-point temperature shall be no less than that during the most recent performance test that demonstrated that the facility was in compliance. | Regulation No. 24 Appendix "B", Appendix "D", and Appendix "E" and in accordance with the capture efficiency test methods in Regulation No. 24 Appendix "D." *[Reference Regulation No. 24 Section 24 Section 22(e)(2)(i) dated 1/11/93]*<br>B. The control device is equipped with the applicable monitoring equipment specified in Regulation No. 24 Appendix "D"(b) and the monitoring equipment is installed, calibrated, operated, and maintained according to the facility's standard operating procedures and preventive maintenance system at all times the control device is in use. *[Reference Regulation No. 24 Section 22(e)(2)(ii) dated 1/11/93]*<br>v. Testing:<br>A. Upon startup of a new coating unit, line, or operation, or upon changing the method compliance for an existing coating unit, line, or operation from the use of complying coatings or daily weighted averaging to control devices, the owner or operator shall perform a compliance test. Testing shall be performed within ninety (90) days of startup. *[Reference Regulation No. 24 Section 22(g)(4) dated 1/11/93, Regulation No. 24 Section 4(e)(1) dated 11/24/94, and Permit APC-95/0569]*<br>B. The test methods found in Regulation No. 24 Appendix "A" through "G" shall be used to determine compliance. *[Reference Regulation No. 24 Section 22(f) dated 1/11/93 and Regulation No. 24 Section 4(e)(1) dated 11/24/94]* | or operator shall comply with all requirements of Regulation No. 24 as identified in Condition 3 Table 1(v)(1) for compliance through the use of complying coatings and Condition 3 Table 1(v)(2) for compliance through the use of daily weighted averaging. *[Reference Regulation No. 24 Section 22(g)(4) dated 1/11/93, Regulation No. 24 Section 4(e)(3)(ii) dated 11/29/94, and Permit APC-95/0569]*<br><br>vi. Compliance Certification:<br><br>In addition to that required by Condition 3(c)(3) and Condition 3 Table 1(w)(vi) of this permit:<br><br>Upon changing the method of compliance from the use of complying coatings or daily weighted averaging to the use of a control device or upon startup of a new coating unit, line, or operation that utilizes a coating meeting the definition of an "air dried" coating (and subject to the emission standard of this condition), the compliance certification shall be in accordance with the performance testing requirements of Condition 3 Table 1(v)(3)(v). *[Reference Regulation No. 24 Section 22(g)(4) dated 1/11/93, Regulation No. 24 Section 4(e)(1) dated 11/29/94, and Permit APC-95/0569]* |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | vi. Recordkeeping:<br>On and after the initial startup date, the owner or operator shall collect and record all of the following information for each coating unit, line, or operation and maintain the information at the facility for a period of five (5) years:<br>A. Control device monitoring data. *[Reference Regulation No 24 Section 13(j)(4) dated 1/11/93, Regulation No. 24 Section 4(e)(2)(vi) dated 11/24/94, and Permit APC-95/0569]*<br>B. A log of operating time for the capture system, control device, monitoring equipment, and the associated coating unit, line, or operation. *[Reference Regulation No. 24 Section 13(j)(4) dated 1/11/93, Regulation No. 24 Section 4(e)(2)(vii) dated 11/24/94, and Permit APC-95/0569]*<br>C. A maintenance log for the capture system, control device, and monitoring equipment detailing all routine and non routine maintenance performed including dates and duration of any outages. *[Reference Regulation No. 24 Section 13(j)(4) dated 1/11/93, Regulation No. 24 Section 4(e)(2)(viii) dated 11/24/94, and Permit APC-95/0569]*<br>D. For the RTO, all 3 hour periods of operation in which the average combustion temperature was more than 50°F below the average combustion temperature during the most recent performance test that demonstrated that the facility was in compliance. *[Reference Regulation No 24 Section 13(j)(4) dated 1/11/93,* | |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | *Regulation No. 24 Section 4(e)(2)(ix) dated 11/24/94, and Permit APC-95/0569)*<br>E. The VOC content as supplied, and the method utilized to determine the VOC content, shall be provided in documentation from the supplier. Acceptable documentation would include, but is not limited to, a Material Safety Data Sheet, which indicates both the VOC content and method utilized to estimate VOC content, or a MSDS and documentation from the supplier, indicating the method utilized to estimate the VOC content identified on the MSDS. *(Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93)*<br><br>The Company shall collect and record this information for each calendar month and prorate to each calendar day based upon corresponding production records.<br>F. The name and identification number of each coating used on each coating unit, line, or operation. *(Reference Regulation No. 24 Section 13(j)(4) dated 1/11/93, Regulation No. 24 Section 4(e)(2)(i) dated 11/24/94, and Permit APC-95/0569)*<br>G. The mass of VOC per unit volume of coating solids, as applied, the volume solids content, as applied, and the volume, as applied, of each coating used each day on each coating unit, line, or operation. *(Reference Regulation No. 24 Section* | |

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## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | *13(j)(4) dated 1/11/93, Regulation No. 24 Section 4(e)(2)(ii) dated 11/24/94, and Permit APC-95/0569)*<br>H. The maximum VOC content (mass of VOC per unit volume of coating solids, as applied) or the daily weighted average VOC content (mass of VOC per unit volume of coating solids, as applied) of the coatings used each day on each coating unit, line, or operation. *(Reference Regulation No. 24 Section 13(j)(4) dated 1/11/93, Regulation No. 24 Section 4(e)(2)(iii) dated 11/24/94, and Permit APC-95/0569)*<br>I. The required overall emission reduction efficiency for each day for each coating unit, line, or operation as determined in Regulation No. 24 Section 22(e)(1)(iii). *(Reference Regulation No. 24 Section 13(j)(4) dated 1/11/93, Regulation No. 24 Section 4(e)(2)(iv) dated 11/24/94, and Permit APC-95/0569)*<br>J. The actual overall emission reduction efficiency achieved for each day for each coating unit, line, or operation as determined in Regulation No. 24 Appendix "D"(c). *(Reference Regulation No. 24 Section 13(j)(4) dated 1/11/93, Regulation No. 24 Section 4(e)(2)(v) dated 11/24/94, and Permit APC-95/0569)* | |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| **w. Facility wide including Insignificant Activities per Regulation No. 30 Appendix A** | | |
| 1. i. Plant Site Emission Limits - The following limits apply to all $NO_x$ and VOC emitting sources at the facility:<br><br>A. VOC emissions shall not exceed the plantwide applicability limit (PAL) of 1112.8 tons per year and 150.71 tons per year of $NO_x$. Compliance with the PAL shall be determined within 30 days of the end of each month based on the prior 12 months. *[Reference APC-95/0569]*<br><br>B. Daily emissions of VOCs plantwide shall not exceed 5.3 tons and daily emissions of $NO_x$ shall not exceed 4.86 tons. Compliance with the daily limit will be based on daily emissions of specific units and materials as required elsewhere in this permit. For all other sources daily emissions will be based on monthly emissions prorated to individual days, based on daily vehicle production volumes or another emissions indicator as approved by the DNREC. *[Reference APC-95/0569]*<br>C. These limits shall be retained until November 15, 2002, after which they will be adjusted downward to reflect | ii. Compliance Method:<br>Compliance with the emission limitations of this condition shall be demonstrated by the testing and monitoring/recordkeeping requirements of this condition. *[Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93]*<br>iii. Testing:<br>Emission Units 1, 2, 3, 4, 5:<br>Within 90 days of the October 31, 1999, the Company shall conduct testing to demonstrate compliance with the emission factors used in the monthly $NO_x$ compliance demonstration (expressed in lb/mmbtu). EPA test method 7, 7E, or any other appropriate test method which has been approved in advance by the Department and EPA shall be used. The owner or operator shall provide the Department at least thirty (30) days prior notice of any performance test to afford the Department the opportunity to have an observer present. Upon written approval by the Department, the Company may proceed with the compliance demonstration. *[Reference Regulation No. 17 Section 2.2 dated 7/17/84]*<br>iv. Monitoring/Recordkeeping:<br>The Company shall collect and record the following:<br>A. By the last day of any month, the Company shall calculate and record the Plantwide annual and daily VOC | v. Reporting Requirements:<br>A. In addition to that required by Condition 3(c)(2) and Condition 3 Table 1(w)(1)(v) of this permit, the Company shall submit the following information within thirty (30) days of receiving such request from the Department:<br>1. Plantwide VOC and $NO_x$ emissions in tons for the previous twelve consecutive calendar months.<br>2. Plantwide daily VOC and $NO_x$ emissions in pounds per day.<br>3. The plans, specifications, and as-built plans as updated.<br>*[Reference Permit APC 95/0569]*<br>B. In addition to that required by Condition 3(c)(2), the Company shall submit the following information within thirty (30) days of the end of each calendar month, the list of pre-approved changes made to pursuant to Condition 2(d)(2)(ii) of this permit. *[Reference Permit APC-95/0569]*<br>C. In accordance with the testing required by this condition,<br>1. A pre-test protocol shall be submitted at least thirty (30) days in advance of the test date. The tests shall be conducted in accordance with the State of Delaware and federal |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| the effect of any new state $NO_x$ and VOC regulations applicable to sources at the plant. The downward adjustment will be based on the contribution of the affected sources to actual emissions at the time the rule goes into effect. *[Reference APC-95/0569]* | and $NO_x$ emissions for the previous calendar month. This calculation shall take into account any changes made including Pre-Approved Changes, Pollution Prevention Projects, and changes in compliance determination methodology. *[Reference Permit APC-95/0569]*<br>B. The Company shall maintain adequate records of the changes made at the facility and document in accordance with the requirements of this permit so as to ensure proper recordkeeping and reporting of emissions. Calculations based on material balances, emission factors, and test data used to ensure and demonstrate than the emissions limits in Condition 3 Table 1 (w)(1)(i)(A) and (w)(1)(i)(B) are not exceeded shall reflect such changes and shall be maintained on site for a period of five (5) years. *[Reference Permit APC 95/0569]* | requirements. *[Reference Regulation No. 17 Section 2.2 dated 7/17/84]*<br>2. The owner or operator shall provide the Department at least thirty (30) days prior notice of any performance test to afford the Department the opportunity to have an observer present. Upon written approval by the Department, the Company may proceed with the compliance demonstration. *[Reference Regulation No. 17 Section 2.2 dated 7/17/84]*<br>3. The results of the tests shall be submitted to the Department within 45 days after completing the test. *[Reference Regulation Section 2.2 dated 7/17/84]*<br>vi. Compliance Certification:<br>The Company shall certify to the Department within ninety (90) days of the end of each calendar year that the facility is in compliance with the PAL provisions, permit conditions, and the plant wide emission limits, both annual and short term. This certification shall, at a minimum, include the following information:<br>General Provisions:<br>A. The name and location of the facility.<br>B. The address and telephone number of the person responsible for the facility.<br>PAL Provisions:<br>C. The Plantwide Emission on an annual basis for the previous year compared to |

Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | | the annual Plantwide Emission Limit in Condition 3 Table 1(w)(1).<br>D. A listing of pre-approved changes made at the facility for the previous year with the associated emissions.<br>E. A summary of Pollution Prevention projects at the facility and the reduction in emissions, if applicable.<br>Topcoat Operations:<br>F. The amount of VOCs emitted on annual basis (tons per year) from the Topcoat Operations.<br>EDP Prime Coat Operations:<br>G. The amount of VOCs emitted on an annual basis (tons per year) from the EDP Prime Coat Operation.<br>Miscellaneous Metal Coating Operations:<br>H. The amount of VOCs emitted on an annual basis (tons per year) from all Miscellaneous Metal Coating Operations.<br>Industrial Cleanup Solvents:<br>I. The tons of VOC emissions resulting from solvent used during the previous calendar year and a copy of the calculations that were performed to estimate the amounts.<br>J. A certification that the source is in compliance with Regulation 24, Section 45, "Industrial Cleaning Solvents."<br>Fuel Usage:<br>K. The amount of residual fuel oil and natural gas burned in each calendar month for the five boilers. |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | | L. The amount of natural gas burned each calendar month for Plantwide sources. *(Reference Permit APC-95/0569)* |
| 2. i. Pollution Prevention:<br>The Company, to the extent reasonable, shall include, at a minimum, the following program elements:<br>A. A process to formulate performance goals and objectives to comply with VOC emission limits and standards through the implementation of Pollution Prevention<br>B. Formulate data collection necessary for the evaluation of Pollution Prevention effectiveness.<br>C. Develop a key employee training program to promote Pollution Prevention at the facility.<br>D. A statement of commitment to implement Pollution Prevention measures at the facility.<br>*(Reference APC-95/0569)* | ii. Compliance Method:<br>Compliance with the Pollution Prevention measures of the condition shall be demonstrated by compliance with the monitoring/recordkeeping and testing requirements of this condition. *(Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93)*<br>iii. Testing:<br>None in addition to that required by Condition 3(b)(1)(ii).<br>iv. Monitoring/Recordkeeping:<br>The Company shall retain records related to pollution prevention training and implementation. *(Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93)* | v. Reporting Requirement:<br>None in addition to those listed in Condition 3(c)(2) and Condition 3 Table 1(w)(1)(v) of this permit.<br>vi. Compliance Certification:<br>That required by Condition 3(c)(3) and Condition 3 Table 1(w)(1)(vi) of this permit. *(Reference Permit APC-95/0569)* |
| 3. Visible Emissions<br>i. Emission Standard: The Company shall not cause or allow the emission of visible air contaminants and/or smoke from any emission unit, the shade or appearance of which is greater than twenty (20) percent opacity for an aggregate of more than three (3) minutes in any one (1) hour or more than fifteen (15) minutes in any | ii. Compliance Method:<br>Compliance shall be demonstrated by the monitoring, testing and recordkeeping requirements of this condition. *(Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93)*<br>iii. Monitoring:<br>A. Emission Units Nos. 6, 7, 8, 9, 11, 12, 17, 18, 19, 20, 22, 23, 24, 28: | vi. Reporting Requirement:<br>All records indicating exceedance of the standard in accordance with Condition 3(c)(2) and Condition 3 Table 1(w)(1)(v).<br>vii. Compliance Certification:<br>None in addition to condition 3(c)(3) of this permit. |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| twenty-four (24) hour period. *(Reference Regulation No. 14 Section 2.1 dated 7/17/84)* | The Company shall for each emission point conduct a survey to detect the presence or absence of visible emissions once every thirty (30) days. The survey shall be conducted when the emission unit corresponding to the emission point to be monitored is operating or in production. *(Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93)*<br>B. Emission Units 1, 2, 3, 4, 5: Compliance with the emission standard contained in Condition 3 Table 1(a)(4) of this permit. *(Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93)*<br>C. Emission Units Nos. 15, 16, 29, and 30: The Company shall conduct a survey to detect the presence or absence of visible emissions a minimum of once per calendar month for each emission unit in operation per Condition 3 Table 1(w)(3)(iv). *(Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93)*<br>D. The following emission units are not required to perform EPA Reference Method 9 with any frequency - however if visible emissions are detected during routine surveillance of the facility, then the EPA Reference Method 9 per Condition 3 Table 1(w)(3)(iv) shall be conducted by qualified personnel and corrective action taken.<br>1. Emission Units Nos. 10, 13, 14, 25, 26, 27, 60, 61, 62. | |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | 2. Emission Units 34 through 50 and 63 through 77;<br>3. Emission Units 51 through 59.<br>4. Insignificant Activities as listed under Regulation No. 30 Appendix A.<br>*[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>E. The Company shall take immediate corrective actions upon detection of the presence of visible emissions which may include but not be limited to shut down, maintenance, and/or verification of visible emissions per the methodology of Condition 3 Table 1(w)(3)(iv)(B) by a certified smoke reader. The Company shall re-evaluate the emission point for visible emissions within two calendar days after corrective actions have been taken. The presence of visible emissions shall be cause for corrective action in terms of maintenance or conducting visible emissions testing per Condition 3 Table 1(w)(3)(iv)(B) to verify compliance or noncompliance.<br>F. Visible emissions testing utilizing the procedure in Condition 3 Table 1(w)(3)(iv)(B) shall be conducted a minimum of once every six months for Emission Unit No. 18 while the emission unit is in operation and by a certified smoke reader.<br>iv. Testing: | |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | A. 1. "Survey of emission point for the presence or absence of visible emissions" shall be defined as a period of twenty (20) consecutive minutes. The survey of emission units concurrently is acceptable provided all emission points are easily observable from the observer's position. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>2. The detection of the presence or absence of visible emissions shall be in accordance with the procedures of EPA Reference Method 22 paragraphs 4 and 5. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>3. If emissions are observed for three (3) consecutive minutes, the observation may be stopped and corrective actions or visible emissions testing per Condition 3 Table 1(w)(3)(iv)(B) conducted. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>4. This procedure does not require that the opacity of the emissions be determined. Since this procedure requires only the determination of whether a visible emission occurs and does not require the determination of opacity levels, observer certification according to the procedures of EPA Reference Method 9 are not required. However, it is necessary that the | |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | observer is educated on the general procedures for determining the presence of visible emissions. As a minimum, the observer must be trained and knowledgeable regarding the effects on visibility of emissions caused by background contrast, ambient lighting, observer position relative to lighting, wind, and the presence of uncombined water (condensing water vapor). This training can be obtained from the lecture portion of the EPA Reference Method 9 certification course. *(Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93)*<br>B. Conduct visual observations at fifteen second intervals for a period of not less than one hour except that the observations may be discontinued whenever a violation of the standard is recorded. The additional procedures, qualification and testing to be used for visually determining the opacity shall be those specified in Section 2 and 3 (except for Section 2.6 and the second sentence of Section 2.4) of reference Method 9 set forth in Appendix A, 40 CFR Part 60 revised July 1, 1982. *(Reference Regulation No. 20 Section 1.5(c)(1) dated 12/7/88)*<br>v. Recordkeeping: | |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | The Company shall maintain the following records on site and made available to the Department upon request:<br>A. Observation records shall be maintained. *(Reference Regulation No 30 Section 6(a)(3)(i)(B) dated 11/15/93)*<br>B. Records of all corrective actions per Condition 3 Table 1(w)(3)(iii). *(Reference Regulation No 30 Section 6(a)(3)(i)(B) dated 11/15/93)*<br>C. Records of personnel and/or contractor certification per the requirements of EPA Reference Method 9. *(Reference Regulation No 30 Section 6(a)(3)(i)(B) dated 11/15/93)*<br>D. Records of personnel and/or contractor training per the requirements of Condition 3 Table 1(w)(3)(iv)(A). *(Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93)* | |
| 4. Handling, Storage, and Disposal of VOCs<br>i. Work Practice Standards<br>A. The Company shall not cause, allow, or permit the disposal of more than eleven (11) pounds of a Volatile Organic Compound (VOC), or of any materials containing more than eleven (11) pounds of any VOCs, in any one (1) day, in a manner that would permit the evaporation of VOC into the ambient air. This includes but is not limited to the disposal of VOC from any VOC control devices. This provision does not apply to: | ii. Compliance Method:<br>Compliance with the work practice standards of this condition shall be demonstrated by adherence with the VOC handling work practices, and recordkeeping for handling, storage, and disposal of VOCs. *(Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93)*<br>iii. Monitoring/Testing:<br>None in addition to Condition 3(b)(1)(ii) of this permit.<br>iv. Recordkeeping:<br>The Company shall keep a record of postings and employee training related to these work practice standards and handling, storage, and | v. Reporting Requirement:<br>None in addition to Condition 3(c)(2) and Condition 3 Table 1(w)(1)(v) of this permit.<br><br>vi. Compliance Certification:<br>That required by Condition 3(c)(3) and Condition 3 Table 1(w)(1)(vi) of this permit. |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| 1. Any VOC or material containing VOC emitted from a regulated entity that is subject to a VOC standard under Regulation No. 24. *[Reference Regulation No. 24, Section 8(a)(1) dated 11/29/94]*<br>2. Any VOC or material containing VOCs used during process maintenance turnarounds for cleaning purposes, provided that the provisions of paragraph (B), (C), and (D) of this condition are followed. *[Reference Regulation No. 24, Section 8(a)(4) dated 11/29/94]*<br>B. The Company shall not use open containers for the storage or disposal of cloth or paper impregnated with VOCs that are used for surface preparation, cleanup, or coating removal. Containers for the storage or disposal of cloth or paper impregnated with VOCs shall be kept closed, except when adding or removing material. *[Reference Regulation No. 24, Section 8(c) dated 11/29/94]*<br>C. The Company shall not store in open containers spent or fresh VOC to be used for surface preparation, cleanup or coating removal. Containers for the storage of spent or fresh VOCs shall be kept closed, except when adding or removing material. *[Reference Regulation No. 24, Section 8(d) dated 11/29/94]* | disposal of VOCs. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]* | |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| D. The Company shall not use VOC for the cleanup of spray equipment unless equipment is used, to collect the cleaning compounds and to minimize their evaporation to the atmosphere. *(Reference Regulation No. 24, Section 8(e) dated 11/29/94)* | | |
| 5. Odor - State Enforceable Only<br>i. Emission Standard:<br>No person shall cause or allow the emission of an odorous air contaminant such as to cause a condition of air pollution. *(Reference Regulation No. 19 Section 2.1 dated 2/1/81)* | ii. Compliance Method:<br>Compliance with the emission standard of this condition shall be demonstrated in accordance with the monitoring/testing and recordkeeping requirements of this condition. *(Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93)*<br>iii. Monitoring/Testing:<br>A. Includes but is not limited to scentometer tests, air quality monitoring, and affidavits from affected citizens and investigators. *(Reference Regulation No. 19 Section 1.2 dated 2/1/81)*<br>B. Upon receipt of any complaint/comment from the community, or the Department, regarding a potential odor from the facility, a Company representative shall investigate to determine the cause and take appropriate corrective action. *(Reference Regulation No 30 Section 6(a)(3)(i)(B) dated 11/15/93)*<br>C. A Company representative shall survey for odor off site of the facility weekly during vehicle production hours. If the plant is shutdown for seven (7) | v. Reporting Requirement:<br>All records indicating exceedance of the standard in accordance with Condition 3(c)(2) and Condition 3 Table 1(w)(1)(v).<br><br>vi. Compliance Certification:<br>None in addition to condition 3(c)(3) of this permit. |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | consecutive days or longer, the weekly survey need not be conducted unless the facility receives a complaint/comment from the community or the Department regarding a potential odor from the facility. Upon detection of any odor the plant personnel shall investigate to determine the cause and take appropriate corrective action. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>iv. Recordkeeping:<br>A. Records of all monitoring/testing shall be maintained on site. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>B. Records of all odor complaints received at the facility with appropriate corresponding corrective action. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>C. Records of odor surveys including date, time, personnel conducting the survey, results, and any corrective action (if necessary). *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]* | |
| 6. Proper Operation and Maintenance<br>i. Operational Limitation:<br>All structural and mechanical components of the equipment covered by this permit and in use shall be maintained in proper operating condition. *[Reference Regulation No. 1 Section 3 dated 2/1/81, Regulation No. 2 Section 11.6, and Permit APC-95/0569]* | ii. Compliance Method:<br>Compliance with the operational limitation of this condition shall be demonstrated by maintenance records, compliance with permit conditions, and adherence to operating instructions/manuals. *[Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93]*<br>iii. Monitoring/Testing: | v. Reporting Requirement:<br>None in addition to those listed in Condition 3(c)(2) and Condition 3 Table 1(w)(1)(v) of this permit.<br><br>vi. Compliance Certification:<br>None in addition to those listed in Condition 3(c)(3) of this permit. |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | Facility's standard operating procedures, preventive maintenance system and industrial standards. *(Reference Regulation No 30 Section 6(a)(3)(i)(B) dated 11/15/93)*<br>iv. Testing: Applicable maintenance records and standard operating procedures. *(Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93)* | |
| 7. Volatile Organic Compounds (VOCs)<br><br>This condition applies to the pre-approved construction approved in Permit APC-95/0569 for the installation of one additional topcoat booth, flash off zone, and curing oven. This pre-approved booth is subject to the plantwide applicability limits and associated monitoring, testing, and recordkeeping requirements in Condition 3 Table 1(w)(1).<br><br>Topcoat Emission Standard<br>i. The Company shall comply with the topcoat emission limitations in either Condition 3 Table 1 (h)(1)(i)(A) or Table 1(h)(1)(i)(B) depending upon the date installed. *(Reference Permit APC-95/0569)*<br>ii. Operational Limitations:<br><br>That required by Condition 3 Table 1(h)(1)(ii). | iii. Compliance Method:<br>Compliance with the topcoat emission standard in Condition 3 Table 1(w)(7)(i) shall be demonstrated pursuant to the methods and procedures set forth in "*Protocol for Determining the Daily Volatile Organic Compound Emission Rate of Automobile and Light-Duty Truck Topcoat Operations*," EPA-450-3-88-018, dated December 1988, and any subsequent revision approved by the EPA and the State of Delaware Department of Natural Resources and Environmental Control as identified in Condition 3 Table 1(h)(1). *(Reference Regulation No 30 Section 6(a)(3) dated 11/15/93, Regulation no 24 Section 13(g)(2) dated 1/11/93, and Permit APC 95/0569)*<br>iv. Monitoring/Recordkeeping:<br>That required by Condition 3 Table 1(h)(1)(v) and (h)(1)(vi) of this permit.<br>v. Testing:<br>A. Within 60 days after the achieving maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup of such facility and at such other times as | vi. Reporting:<br><br>In addition to that required by Condition 3(c)(2), Condition 3 Table 1(h)(1)(vii), and Condition 3 Table 1(w)(1)(v):<br><br>Notification:<br><br>A. The owner or operator shall furnish the Department written notification as follows:<br><br>I. A notification of the date construction of an affected facility is commenced postmarked no later than 30 days after such date.<br>II. A notification of the anticipated date of initial startup of an affected facility postmarked not more than 60 days nor less than 30 days prior to such date.<br>III. A notification of the actual date of initial startup of an affected |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | may be required by the Administrator under Section 114 of the Act and the Department in accordance with Regulation No. 17, the owner or operator shall conduct a performance test.<br>B. The performance test shall be conducted in accordance with Condition 3 Table 1(h)(1)(iii) and Table 1(h)(1)(iv). | facility postmarked within 15 days after such date. *[Reference 40 CFR 60.7(a) dated 5/17/89]*<br>B. The owner or operator shall follow the performance testing notification requirements of Condition 3 Table 1(h)(1)(vii)(B), (C), (D), and (E).<br>vii. Compliance Certification:<br>A. At least 120 days prior to the initial compliance date, the owner or operator of a coating operation subject to the topcoat limit of Condition 3 Table 1(w)(7)(i) shall submit to the Department a detailed proposal specifying the method of demonstrating how the compliance test will be conducted according to the topcoat protocol. The proposal shall include a comprehensive plan (including a rationale) for determining the transfer efficiency at each booth through the use of in plant or pilot testing; the selection of coatings to be tested (for the purpose of determining transfer efficiency), including the rational for coating groupings; and a method for tracking coating usage during the transfer efficiency test. Upon approval by the Department the owner or operator may proceed with the compliance demonstration. *[Reference Regulation No. 24 Section 13(j)(1)(i) dated 1/11/93]* |

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## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | | B. The Company shall submit to the Department a detailed proposal specifying the method of demonstrating how the compliance test will be conducted according to the topcoat protocol and the requirements listed above. The proposal shall include:<br>1. A comprehensive plan (including a rationale) for determining the transfer efficiency at each booth used in plant or pilot testing.<br>2. The selection of coatings to be tested (to determine transfer efficiency), including a rationale for coating grouping.<br>3. A method for tracking coating usage during transfer efficiency tests.<br>4. Upon approval by the Department the owner or operator may proceed with the compliance demonstration.<br>*[Reference Regulation No. 24 Section 13(j)(1)(i) dated 1/11/93 and Permit APC-95/0569]*<br><br>C. That required by Condition 3(c)(3), Condition 3 Table 1(h)(1)(viii), and Condition 3 Table 1(w)(1)(vi) of this permit. *[Reference Permit APC-95/0569]* |

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## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| 8. Volatile Organic Compounds -Miscellaneous Metal Parts Coating - Complying Coating<br><br>i. A. Applicability:<br>1. Application to metal parts of underbody anti-chip coatings (e.g. underbody plastisol) and coatings other than prime, primer surfacer, topcoat, and final repair shall be subject to the requirements of Regulation No. 24 Section 22 (Miscellaneous Metal Parts). *[Reference Regulation No. 24 Section 13 (a)(4) dated 1/11/93]*<br>2. This condition applies to newly constructed, reconstructed, or modified miscellaneous metal parts coating unit, line, or operation. The plantwide applicability limits and associated monitoring, testing, and recordkeeping requirements in Condition 3 Table 1(w)(1) apply. The operational flexibility requirements as listed in Condition 2(d)(2) shall be adhered to (ie the permitting of Regulation No. 2 shall be followed prior to construction, reconstruction, or modification). *[Reference APC-95/0569, Regulation No. 30 Sections 6(h)(2), 7(e)(1)(vi), and 7(e)(2)(vi) all dated 11/15/93, and Regulation No. 24 Section 4(d)(1), (d)(3)(ii), e(1), e(3)(ii) dated 11/24/94]* | ii. Compliance Method:<br>**Option 1: Compliance Methodology - Compliance through the use of complying coatings.**<br>Compliance with the emission standards shall be demonstrated through the use of complying coatings and the monitoring/recordkeeping and testing requirements of this condition. Compliance shall be demonstrated at any given time through Option 1, Option 2, or Option 3. Compliance with the emission standard through all three options is not required simultaneously. (Option 1 refers to Condition 3 Table 1(w)(8); Option 2 refers to Condition 3 Table 1(w)(9); Option 3 refers to Condition 3 Table 1(w)(10)) *[Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93]*<br>iii. Testing:<br>The test methods found in Regulation No. 24 Appendix "B" shall be used to determine compliance with the applicable emission standard listed in Condition 3 Table 1(w)(9)(i). *[Reference Regulation No. 24 Section 22(f) dated 1/11/93]*<br>iv. Monitoring/Recordkeeping:<br>The owner or operator shall on and after the initial startup date collect and record all of the following information for each calendar month and prorate to each calendar day based upon corresponding production records: | v. Reporting Requirements:<br>In addition to that required by Condition 3(c)(2):<br><br>A. Any record showing use of any non complying coatings shall be reported by sending a copy of such record to the Department within 45 calendar days following that use. *[Reference Regulation No. 24 Section 22(g)(2) dated 1/11/93, Regulation No. 24 Section 4(c)(3)(i) dated 11/24/93, and Permit APC-95/0569]*<br>B. At least thirty (30) calendar days before changing the method of compliance from the use of complying coatings to daily-weighted averaging or control devices, the owner or operator shall comply with all requirements of Regulation No. 24 Section 4(d)(1) or 4(e)(1), respectively, as well as Regulation No. 2. Upon changing the method of compliance from the use of complying coatings to daily-weighted averaging or control devices, the owner or operator shall comply with all requirements of Regulation No. 24 Section 22 as identified in Condition 3 Table 1(w)(9) for compliance through the use of daily weighted averaging and Condition 3 Table 1(w)(10) for compliance through the use of a control device. *[Reference Regulation No 24 Section 22(g)(2) dated 1/11/93 and Regulation No. 24 Section 4(c)(3)(ii) dated 11/29/94]*<br>vi. Compliance Certification: |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| B. Emission Standard:<br>No owner or operator of a miscellaneous metal parts and products unit shall cause or allow the application of any coating with VOC content in excess of the following emission limits:<br>1. Clear Coating: 4.3 lb VOC/gal, excluding water and exempt compounds, as applied.<br>2. Extreme performance coating: 3.5 lb VOC/gal, excluding water and exempt compounds, as applied.<br>3. All Other Coatings: 3.0 lb VOC/gal, excluding water and exempt compounds, as applied.<br>*(Reference Regulation No. 24 Section 22(c)(i), (iv), and (v) dated 1/11/93 and Permit APC-95/0569)* | A. The name and identification number of each coating, as applied, on each coating unit, line, or operation. *(Reference Regulation No. 24 Section 22(g)(2) dated 1/11/93, Regulation No. 24 Section 4(c)(2) dated 11/24/94, and Permit APC-95/0569)*<br>B. The mass of VOC per volume of each coating (excluding water and exempt compounds), as applied, used each day on each coating unit, line, or operation. *(Reference Regulation No 24 Section 22(g)(2) dated 1/11/93, Regulation No. 24 Section 4(c)(2) dated 11/24/94, and Permit APC-95/0569)*<br>C. The volume of each coating applied each day on each coating unit, line, or operation. *(Reference Regulation No. 24 Section 22(g)(2) dated 1/11/93, Regulation No 24 Section 4(c)(2) dated 11/24/94, and Permit APC-95/0569)*<br>D. The VOC content as supplied, and the method utilized to determine the VOC content, shall be provided in documentation from the supplier. Acceptable documentation would include, but is not limited to, a Material Safety Data Sheet, which indicates both the VOC content and method utilized to estimate VOC content, or a MSDS and documentation from the supplier, indicating the method utilized to estimate the VOC content identified on the MSDS. *(Reference Regulation No 30 Section 6(a)(3)(ii)(B) dated 11/15/93)* | A. Upon startup of a new coating unit, line, or operation, or upon changing the method of compliance for an existing subject coating unit, line, or operation from daily weighted averaging or control devices to the use of complying coatings, the owner or operator of a coating unit, line, or operation subject to the emission standard(s) listed in Condition 3 Table 1(w)(9)(i) shall certify to the Department that the coating unit, line, or operation is or will be in compliance with the requirements of Regulation No. 24 Section 22 on and after the initial startup date. Such certification shall include:<br>1. The name and location of the facility.<br>2. The address and telephone number of the person responsible for the facility.<br>3. Identification of subject sources.<br>4. The name and identification number of each coating, as applied, on each coating unit, line, or operation.<br>5. The mass of VOC per volume (excluding water and exempt compounds) and the volume of each coating (excluding water and exempt compounds), as applied per day.<br>6. The time at which the facility's "day" begins if a time other than midnight local time is used to define a "day."<br>*(Reference Regulation No. 24 Section 22(g)(2) dated 1/11/93, Regulation No 24 Section 4(c)(3)(ii) dated 11/24/93, and Permit APC-95/0569)* |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | | B. That required by Condition 3(c)(3) and Condition 3 Table 1(w)(1)(vi) of this permit. *(Reference Permit APC-95/0569)* |
| 9. Volatile Organic Compounds (VOCs) - Miscellaneous Metal Parts Coating - Daily Weighted Average<br>i. A. Applicability:<br>1. Application to metal parts of underbody anti-chip coatings (e.g. underbody plastisol) and coatings other than prime, primer surfacer, topcoat, and final repair shall be subject to the requirements of Regulation No. 24 Section 22 (Miscellaneous Metal Parts). *(Reference Regulation No. 24 Section 13 (a)(4) dated 1/11/93)*<br>2. This condition applies to any newly constructed, reconstructed, or modified miscellaneous metal parts coating unit, line, or operation. The plantwide applicability limits and associated monitoring, testing, and recordkeeping requirements in Condition 3 Table 1(w)(1) apply.<br><br>B. Emission Standard: No owner or operator of a miscellaneous metal parts and products unit shall cause or allow the application of any coating | ii. Compliance Method:<br>**Option 2: Compliance Methodology - Compliance through the use of daily weighted averaging.**<br><br>Compliance shall be demonstrated through the use of daily weighted averaging as demonstrated through the monitoring, testing, and recordkeeping requirements of this condition. Compliance shall be demonstrated at any given time through Option 1, Option 2, or Option 3. Compliance with the emission standard through all three options is not required simultaneously. (Option 1 refers to Condition 3 Table 1(w)(8); Option 2 refers to Condition 3 Table 1(w)(9); Option 3 refers to Condition 3 Table 1(w)(10)) *(Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93 and Regulation No. 24 Section 22(d) dated 1/11/93)*<br>iii. Monitoring:<br>No owner or operator of a miscellaneous metal parts and products coating unit that applies multiple coatings, all of which are subject to the same numerical emission limitation within Condition 3 Table 1(w)(10)(i) shall apply, during any day, coatings on that unit whose daily weighted average VOC | vi. Reporting:<br>A. Any record showing noncompliance with the applicable daily weighted average requirements shall be reported by sending a copy of the record to the Department within 45 calendar days following the completion of the daily weighted average calculation procedure required by this condition. *(Reference Regulation No. 24 Section 22(g)(3) dated 1/11/93, Regulation No. 24 Section 4(d)(3)(i) dated 11/24/94, and Permit APC-95/0569)*<br>B. At least 30 calendar days before changing the method of compliance from daily weighted averaging to the use of complying coatings or control devices, the owner or operator shall comply with the requirements of Condition 3 Table 1(w)(10)(i) as well as Regulation No. 2. Upon changing the method of compliance from daily weighted averaging to the use of complying coatings or control devices, the owner or operator shall comply with all requirements of Regulation No. 24 Section 22. *(Reference Regulation No. 24 Section 22(g)(3) dated 1/11/93, Regulation No. 24 Section 4(d)(3)(ii) dated 11/24/93, and Permit APC-95/0569)*<br><br>viii. Compliance Certification: |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| with VOC content in excess of the following emission limits:<br><br>1. Clear Coating: 4.3 lb VOC/gal, excluding water and exempt compounds, as applied.<br>2. Extreme performance coating: 3.5 lb VOC/gal, excluding water and exempt compounds, as applied.<br>3. All Other Coatings: 3.0 lb VOC/gal, excluding water and exempt compounds, as applied.<br>*[Reference Regulation No. 24 Section 22(c)(i), (iv), and (v) dated 1/11/93 and Permit APC-95/0569* | content calculated in accordance with the procedure in Regulation No. 24 Appendix C which exceeds one or more of the emission standards of this condition. *[Reference Regulation No. 24 Section 22(d) dated 1/11/93]* The calculations pursuant to Regulation No. 24 Appendix C shall be completed within thirty (30) calendar days of the end of each calendar month. The daily weighted average shall utilize information pertaining to the amount of coating applied for each calendar month and prorated to each calendar day based upon production. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br><br>The Company shall utilize the following equation from Regulation No. 24 Appendix C:<br><br>$$VOC_w = \sum_{i=1}^{n} \frac{V_i C_i}{V_T}$$<br><br>where:<br>$VOC_w$ = the daily weighted average VOC content of the coatings, as applied, used in the Miscellaneous Metal Parts Coating Areas in units of pounds of VOC per gallon of coating [lb VOC/gal], excluding water and exempt compounds; | A. Upon startup of a new coating unit, line, or operation or upon changing the method of compliance for an existing subject coating unit, line, or operation from the use of complying coatings or control devices to daily weighted averaging, the owner or operator of the coating unit, line, or operation shall certify to the Department that the coating unit, line, or operation is or will be in compliance with Regulation No. 24 Section 22 on and after the initial startup date. Such certification shall include:<br>1. The name and location of the facility.<br>2. The address and telephone number of the person responsible for the facility.<br>3. Identification of subject sources.<br>4. The name and identification number of each coating, as applied, on each coating unit, line, or operation that will comply by means of daily weighted averaging.<br>5. The instrument or method by which the owner or operator will accurately measure or calculate the volume of each coating (excluding water and exempt compounds), as applied, used each day on each coating unit, line, or operation.<br>6. The method by which the owner or operator will create and maintain records each day. |

Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | n = the number of different coatings, as applied, each day in the Miscellaneous Metal Parts Coating Areas;<br>$V_i$ = the volume of each coating, as applied, each day in the Miscellaneous Metal Parts Coating Areas in units of gallons, excluding water and exempt compounds;<br>$C_i$ = the VOC content of each coating, as applied, each day in the Miscellaneous Metal Parts Coating Areas in units of pounds VOC per gallon, excluding water and exempt compounds; and<br>$V_T$ = the total volume for all coating, as applied, each day in the Miscellaneous Metal Parts Coating Areas in units of gallon, excluding water and exempt compounds.<br>*(Reference Regulation No. 24 Section 22(d) dated 1/11/93, Regulation No. 24 Appendix "C"(a) dated 11/29/94, and Permit APC-95/0569)*<br>iv. Testing:<br>The test methods found in Regulation No. 24 Appendix "B" and "C" shall be used to determine compliance. *(Reference Regulation No. 24 Section 22(l) dated 1/11/93)*<br>v. Recordkeeping:<br>The owner or operator shall on and after the initial startup date collect and record all of | 7. Calculation of the daily weighted average using the procedure in Regulation No. 24 Appendix "C" (a), for a day representative of current or projected maximum production levels.<br>8. The time at which the facility's "day" begins if a time other than midnight local time is used to define a "day".<br>*(Reference Regulation No. 24 Section 22(g)(3) dated 1/11/93 and Regulation No. 24 Section 4(d)(1) dated 11/24/94)*<br><br>B. That required by Condition 3(c)(3) and Condition 3 Table 1(w)(1)(vi) of this permit. *(Reference Permit APC-95/0569)* |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | the following information each calendar month and prorate to each calendar day based upon corresponding production records for each coating unit, line, or operation and maintain the information at the facility for a period of five (5) years:<br>A. The name and identification number of each coating, as applied, in the Miscellaneous Metal Parts Coating Areas. *[Reference Regulation No. 24 Section 4(d)(2)(i) dated 11/29/94, Regulation No. 24 Section 22(g)(3) dated 1/11/93, and Permit APC-95/0569]*<br>B. The mass of VOC per volume of each coating (excluding water and exempt compounds), as applied, used each day in the Miscellaneous Metal Parts Coating Areas. *[Reference Regulation No. 24 Section 4(d)(2)(ii) dated 11/29/94, Regulation No. 24 Section 22(g)(3) dated 1/11/93, and Permit APC 95/0569]*<br>C. The volume of each coating applied each day in the Miscellaneous Metal Parts Coating Areas. *[Reference Regulation No. 24 Section 4(d)(2)(ii) dated 11/29/94, Regulation No 24 Section 22(g)(3) dated 1/11/93, and Permit APC-95/0569]*<br>D. The daily weighted average VOC content of all coatings, as applied, in the Miscellaneous Metal Parts Coating Areas calculated according to the procedure in this condition. *[Reference Regulation No. 24 Section 4(d)(2)(iii) dated 11/29/94, Regulation No 24 Section 22(g)(3) dated 1/11/93, and Permit APC-95/0569]* | |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | E. The VOC content as supplied, and the method utilized to determine the VOC content, shall be provided in documentation from the supplier. Acceptable documentation would include, but is not limited to, a Material Safety Data Sheet, which indicates both the VOC content and method utilized to estimate VOC content, or a MSDS and documentation from the supplier, indicating the method utilized to estimate the VOC content identified on the MSDS. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]* | |
| 10. Volatile Organic Compounds (VOCs) Miscellaneous Metal Parts Coating - Control Device<br>i. A. Applicability:<br>1. Application to metal parts of underbody anti-chip coatings (e.g. underbody plastisol) and coatings other than prime, primer surfacer, topcoat, and final repair shall be subject to the requirements of Regulation No. 24 Section 22 (Miscellaneous Metal Parts). *[Reference Regulation No. 24 Section 13 (a)(4) dated 1/11/93]*<br>2. This condition applies to any newly constructed, reconstructed, | iii. Compliance Method:<br>**Option 3: Compliance Methodology: Compliance through the use of capture and control**<br><br>Compliance shall be demonstrated through the monitoring, recordkeeping, and testing requirements of this condition. Compliance shall be demonstrated at any given time through Option 1, Option 2, or Option 3. Compliance with the emission standard through all three options is not required simultaneously. (Option 1 refers to Condition 3 Table 1(w)(8); Option 2 refers to Condition 3 Table 1(w)(9); Option 3 refers to Condition | vii. Reporting:<br>A. Any record showing noncompliance with the applicable requirements for control devices shall be reported by sending a copy of the record to the Department within 45 calendar days following the occurrence. *[Reference Regulation No. 24 Section 22(g)(4) dated 1/11/93, Regulation No. 24 Section 4(e)(3)(i) dated 11/24/94, and Permit APC-95/0569]*<br>B. At least 30 calendar days before changing the method of compliance from control devices to the use of complying coatings or daily weighted averaging, the owner or operator shall comply with all requirements of Condition 3 Table 1(w)(11)(i) as well as Regulation No. 2. Upon changing the |

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## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| or modified miscellaneous metal parts coating unit, line, or operation. The plantwide applicability limits and associated monitoring, testing, and recordkeeping requirements in Condition 3 Table 1(w)(1) apply.<br><br>B. Emission Standard:<br>No owner or operator of a miscellaneous metal parts and products unit shall cause or allow the application of any coating with VOC content in excess of the following emission limits:<br><br>1. Clear Coating: 4.3 lb VOC/gal, excluding water and exempt compounds, as applied.<br>2. Extreme performance coating: 3.5 lb VOC/gal, excluding water and exempt compounds, as applied.<br>3. All Other Coatings: 3.0 lb VOC/gal, excluding water and exempt compounds, as applied.<br>*(Reference Regulation No. 24 Section 22(c)(i), (iv), and (v) dated 1/11/93 and Permit APC-95/0569)*<br><br>ii. Operational Limitations:<br>An owner or operator of a miscellaneous metal parts and products coating unit shall | 3 Table 1(w)(10)) *(Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93)*<br>iv. Monitoring:<br>The owner or operator shall ensure that:<br>A. A capture system and control device are operated at all times that the unit is in operation, and the owner or operator demonstrates compliance with the emission standard of this condition through the applicable coating analysis and capture system and control device efficiency test methods specified in Regulation No. 24 Appendix "B", Appendix "D", and Appendix "E" and in accordance with the capture efficiency test methods in Regulation No. 24 Appendix "D." *(Reference Regulation No. 24 Section 24 Section 22(e)(2)(i) dated 1/11/93)*<br>B. The control device is equipped with the applicable monitoring equipment specified in Regulation No. 24 Appendix "D"(b) and the monitoring equipment is installed, calibrated, operated, and maintained according to the facility's standard operating procedures and preventive maintenance system at all times the control device is in use. *(Reference Regulation No. 24 Section 22(e)(2)(ii) dated 1/11/93)*<br>v. Testing:<br>A. Upon startup of a new coating unit, line, or operation, or upon changing the method compliance for an existing | method of compliance from control devices to the use of complying coatings or daily weighted averaging, the owner or operator shall comply with all requirements of Regulation No. 24 Section 22.<br>*(Reference Regulation No. 24 Section 22(g)(4) dated 1/11/93, Regulation No 24 Section 4(e)(3)(i) dated 11/24/94, and Permit APC-95/0569)*<br>B. In accordance with the requirements of Condition 3 Table 1(w)(11)(v), the Company shall submit the following:<br>1. A pre-test protocol shall be submitted at least thirty (30) days in advance of the test date. The tests shall be conducted in accordance with the State of Delaware and Federal requirements.<br>2. The owner or operator shall provide the Department at least thirty (30) days prior notice of any performance test to afford the Department the opportunity to have an observer present. Upon written approval by the Department, the Company may proceed with the compliance demonstration.<br>3. The results of the testing shall be submitted to the Department within ninety (90) days of the test completion.<br>*(Reference Permit APC 95/0569)*<br><br>viii. Compliance Certification: |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| comply with the emission standard of this condition by:<br>A. Installing and operating a capture system on that unit. *[Reference Regulation No. 24 Section 22(e)(1)(i) dated 1/11/93]*<br>B. Installing and operating a control device on that unit. *[Reference Regulation No. 24 Section 22(e)(1)(ii) dated 1/11/93]*<br>C. Determining for each day the overall emission reduction efficiency needed to demonstrate compliance. The overall emission reduction needed for a day is the lesser of the value calculated according to the procedure in Regulation No. 24 Appendix "C"(c) or 95 percent. *[Reference Regulation No. 24 Section 22(e)(1)(iii) dated 1/11/93]*<br>D. Demonstrating each day that the overall emission reduction efficiency achieved for that day, as determined in Regulation No. 24 Appendix "D"(c) is greater than or equal to the overall emission reduction efficiency required for that day. *[Reference Regulation No. 24 Section 22(e)(1)(iv) dated 1/11/93]*<br>E. The combustion chamber set-point temperature shall be no less than that during the most recent performance test that demonstrated that the facility was in compliance. *[Reference Regulation No. 24 Section 22(g)(4) dated 1/11/93, Regulation No. 24 Section 4(e)(2)(ix), and Permit APC-95/0569]* | coating unit, line, or operation from the use of complying coatings or daily weighted averaging to control devices, the owner or operator shall perform a compliance test. Testing shall be performed within ninety (90) days of startup. *[Reference Regulation No. 24 Section 22(g)(4) dated 1/11/93, Regulation No. 24 Section 4(e)(1) dated 11/24/94, and Permit APC-95/0569]*<br>B. The test methods found in Regulation No. 24 Appendix "A" through "D" shall be used to determine compliance. *[Reference Regulation No. 24 Section 22(l) dated 1/11/93 and Regulation No. 24 Section 4(e)(1) dated 11/24/94]*<br>vi. Recordkeeping:<br><br>On and after the initial startup date, the owner or operator shall collect and record all of the following information for each coating unit, line, or operation and maintain the information at the facility for a period of five (5) years:<br>A. Control device monitoring data. *[Reference Regulation No. 24 Section 13(j)(4) dated 1/11/93, Regulation No. 24 Section 4(e)(2)(vi) dated 11/24/94, and Permit APC-95/0569]*<br>B. A log of operating time for the capture system, control device, monitoring equipment, and the associated coating unit, line, or operation. *[Reference Regulation No. 24 Section 13(j)(4) dated 1/11/93, Regulation No. 24 Section 4(e)(2)(vii) dated 11/24/94, and Permit APC-95/0569]* | A. The owner or operator shall submit to the Department the results of all tests and calculations required by Condition 3 Table 1(w)(11)(v) of this permit necessary to demonstrate that the subject coating unit, line, or operation is or will be in compliance with the emission standard of this condition on and after the initial startup date in accordance with Regulation No. 24 Appendix A. *[Reference Regulation No. 24 Section 22(g)(4) dated 1/11/93 and Regulation No. 24 Section 4(e)(3)(i) dated 11/24/94]*<br><br>B. That required by Condition 3(c)(3) and Condition 3 Table 1(w)(1)(vi) of this permit. *[Reference Permit APC-95/0569]* |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| F. The owner or operator shall ensure that a capture system and control device are operated at all times that the unit is in operation and the owner or operator demonstrates compliance with Regulation No. 24 Section 22 and this condition through the applicable coating analysis and capture system and control device efficiency test methods specified in Regulation No. 24 Appendix B, Appendix D, Appendix E and in accordance with the capture efficiency test methods in Regulation No. 24 Appendix D. *[Reference Regulation No. 24 Section 22 (e)(2)(i) dated 1/11/93]* | C. A maintenance log for the capture system, control device, and monitoring equipment detailing all routine and non routine maintenance performed including dates and duration of any outages. *[Reference Regulation No. 24 Section 13(j)(4) dated 1/11/93, Regulation No. 24 Section 4(e)(2)(viii) dated 11/24/94, and Permit APC-95/0569]*<br>D. For the RTO, all 3 hour periods of operation in which the average combustion temperature was more than 50°F below the average combustion temperature during the most recent performance test that demonstrated that the facility was in compliance. *[Reference Regulation No. 24 Section 13(j)(4) dated 1/11/93, Regulation No. 24 Section 4(e)(2)(ix) dated 11/24/94, and Permit APC 95/0569]*<br>E. The VOC content as supplied, and the method utilized to determine the VOC content, shall be provided in documentation from the supplier. Acceptable documentation would include, but is not limited to, a Material Safety Data Sheet, which indicates both the VOC content and method utilized to estimate VOC content, or a MSDS and documentation from the supplier, indicating the method utilized to estimate the VOC content identified on the MSDS. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>The Company shall collect and record this information for each calendar month and | |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | prorate to each calendar day based upon corresponding production records.<br>F. The name and identification number of each coating used on each coating unit, line, or operation. *(Reference Regulation No. 24 Section 13(j)(4) dated 1/11/93, Regulation No. 24 Section 4(e)(2)(i) dated 11/24/94, and Permit APC-95/0569)*<br>G. The mass of VOC per unit volume of coating solids, as applied, the volume solids content, as applied, and the volume, as applied, of each coating used each day on each coating unit, line, or operation. *(Reference Regulation No. 24 Section 13(j)(4) dated 1/11/93, Regulation No. 24 Section 4(e)(2)(ii) dated 11/24/94, and Permit APC-95/0569)*<br>H. The maximum VOC content (mass of VOC per unit volume of coating solids, as applied) or the daily weighted average VOC content (mass of VOC per unit volume of coating solids, as applied) of the coatings used each day on each coating unit, line, or operation. *(Reference Regulation No. 24 Section 13(j)(4) dated 1/11/93, Regulation No. 24 Section 4(e)(2)(iii) dated 11/24/94, and Permit APC-95/0569)*<br>I. The required overall emission reduction efficiency for each day for each coating unit, line, or operation as determined in Regulation No. 24 Section 22(e)(1)(iii). *(Reference Regulation No. 24 Section 13(j)(4) dated 1/11/93, Regulation No. 24 Section 4(e)(2)(iv) dated 11/24/94, and Permit APC-95/0569)* | |

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## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | J. The actual overall emission reduction efficiency achieved for each day for each coating unit, line, or operation as determined in Regulation No. 24 Appendix "D"(c). *[Reference Regulation No. 24 Section 13(j)(4) dated 1/11/93, Regulation No. 24 Section 4(e)(2)(v) dated 11/24/94, and Permit APC-95/0569]* | |
| 11. Hazardous Air Pollutants<br>i. This facility has the potential to emit greater than 10 tons per year of a single hazardous air pollutant and greater than 25 tons per year of hazardous air pollutants (HAPs) aggregated as defined under Section 112b of the Clean Air Act. The Company shall identify and calculate the individual and aggregate HAP(s) emitted. *[Reference Regulation No. 30 Section 6(a)(1) dated 11/15/93]* | ii. Compliance Method:<br>Compliance shall be demonstrated through the monitoring/recordkeeping and testing requirements of this condition. *[Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93]*<br>iii. Monitoring/Recordkeeping:<br>A. The Company shall obtain from the manufacturer (for each coating or cleaner) a listing of the constituents which are hazardous air pollutants per Section 112b of the Clean Air Act and the corresponding constituent percentage within each coating or cleaner. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>B. The Company shall, once each calendar year, calculate the hazardous air pollutant emission rate. Records shall document the calculations, assumptions, and any test data used or referenced in the annual emission calculation. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]*<br>iv. Testing: | v. Reporting Requirement:<br>None in addition to Condition 3(c)(2) and Condition 3 Table 1(w)(1)(v) of this permit.<br><br>vi. Compliance Certification:<br>None in addition to Condition 3(c)(3) of this permit. |

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## Condition 3 - Table 1 (Specific Requirements)

<table>
<tr><th>Emission Limitations/Standards and/or Operational Limitations/Standards</th><th>Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping)</th><th>Reporting/Compliance Certification</th></tr>
<tr><td></td><td>Formulation data or other as approved by the Department. [Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]</td><td></td></tr>
<tr><td>12. Particulate - State Enforceable Only<br><br>i. Emission Limitation:<br>Particulate emissions shall not exceed the following rates (expressed in ton per twelve (12) consecutive rolling calendar months) for the following emission units:<br><br>
<table>
<tr><th>Emission Unit/Description</th><th>Emission Rate Limitation (ton/yr)</th></tr>
<tr><td>Emission Unit No. 6<br>Dinamec</td><td>2.1</td></tr>
<tr><td>Emission Unit No.7<br>Finish Welding<br>Emission Unit No. 8<br>Inspection and Grinding<br>Emission Unit No. 12 E-Coat Sanding<br>Emission Unit No. 16<br>Main Sand Booth<br>Emission Unit No. 17<br>Repair Sand Booth</td><td>2.8 tons per twelve (12) consecutive rolling calendar months.</td></tr>
<tr><td>Emission Unit No. 9<br>Maintenance Paint Spray Booth</td><td>0.09</td></tr>
<tr><td>Emission Unit No. 15<br>Powder Anti Chip</td><td>0.36</td></tr>
</table>
</td><td>ii. Compliance Method:<br>Compliance with the emission limitations shall be demonstrated through adherence to the operational limitation and the monitoring/recordkeeping, and testing requirements of this condition. [Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93]<br>iii. Monitoring/Recordkeeping:<br>A. Emission Unit No. 6: that required by Condition 3 Table 1 (b)(1)(iv) of this permit.<br>B. Emission Units Nos. 7, 8, 12, 16, and 17:<br>1. Records of hours of operation and units produced updated monthly.<br>2. Records in accordance with the facility's standard operating procedures and preventive maintenance system.<br>[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]<br>C. Emission Units Nos. 9, 15, 18, 20, 22, and 23:<br>1. Record of monthly paint usage within each emission unit.<br>2. Records of transfer efficiency and test data.<br>[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]</td><td>v. Reporting Requirement:<br>None in addition to that required by Condition 3(c)(2) and Condition 3 Table 1(w)(1)(v) of this permit.<br><br>vi. Compliance Certification:<br>None in addition to that required by Condition 3(c)(3) of this permit.</td></tr>
</table>

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| <table><tr><td>Emission Unit No. 18 Topcoat System</td><td>26.33</td></tr><tr><td>Emission Unit No. 20 Blackout Application</td><td>0.96</td></tr><tr><td>Emission Unit No. 22 Low Bake Repair</td><td>0.86</td></tr><tr><td>Emission Unit No. 23 Touch Up Booth</td><td>0.07</td></tr></table> *(Reference Regulation No. 30 Section 6(a)(1) dated 11/15/93 and Regulation No. 1 Section 3 2/1/81)* | iv. Testing:<br>None in addition to that required by Condition 3(b)(1)(ii). | |
| **x. Insignificant Activities - Diesel Storage Tanks & Diesel Fired Generators** | | |
| 1. Sulfur Fuel Limit:<br>i. Emission Standard:<br>No person shall offer for sale, sell, deliver or purchase, or use in any fuel burning equipment, distillate fuel oil having a sulfur content greater than 0.3 percent by weight. *(Reference: Regulation No. 8, Section 2.2 dated 5/9/85).* | ii. Compliance Method:<br>Compliance shall be demonstrated by sampling and analysis of fuel burned in the equipment using ASTM methods and fuel supplier certification and/or record keeping of this condition. *(Reference: Regulation No. 30, Section 6(a)(3) dated 11/15/93.)*<br>iii. Monitoring/Testing:<br>The method used to determine the sulfur content must be one of the following ASTM methods: D129-91, D1552-90, D2622-92, D4294-90. *(Reference Regulation No. 8, Section 2.4 dated 5/9/85 and DAWM Policy for Alternate Testing Methods).*<br>iv. Record Keeping:<br>The Company shall maintain all of the following records: Fuel supplier certification | v. Reporting Requirement:<br>All exceedances in accordance with Condition 3(c)(2) and Condition 3 Table 1(w)(1)(v) of this permit.<br><br>vi. Compliance Certification:<br>None in addition to those listed in Condition 3(c)(3) of this permit. |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| | for each distillate oil shipment received at the facility. Such certification shall indicate:<br>A. The name of the fuel supplier.<br>B. Date delivered.<br>C. Amount delivered.<br>D. Oil sampling method.<br>E. The sulfur content of the No. 6 fuel oil.<br>F. The method used to determine the sulfur content.<br>*(Reference: Regulation No. 30, Section 6(a)(3) dated 11/15/93 and Regulation No 8, Section 2.3 dated 5/9/85).* | |
| 2. Volatile Organic Compounds:<br>i. Emission Standard:<br>None. *(Reference Regulation No. 24, Section 31(e)(2) dated 11/29/94)*<br>ii. Operational Limitation:<br>The Company shall not store material in the storage tanks with a maximum true vapor pressure of 1.0 pound per square inch pressure of 1.0 pound per square inch atmospheric (psia) or greater. *(Reference Regulation No. 30 Section 6(a)(1) dated 11/15/93)* | iii. Compliance Method:<br>Compliance with the emission standard and operational limitation of this permit shall be demonstrated by the monitoring/testing and recordkeeping requirements of this condition. *(Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93)*<br>iv. Monitoring/Testing:<br>No additional testing requirement to that in Condition 3(b)(1)(ii).<br>v. Recordkeeping:<br>The Company shall, for each storage vessel, maintain records documenting the maximum true vapor pressure of the material stored. *(Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93)* | vi. Reporting Requirement:<br>None in addition to those listed in Condition 3(c)(2) and Condition 3 Table 1(w)(1)(v) of this permit.<br>vii. Compliance Certification:<br>That required by Condition 3(c)(3) and Condition 3 Table 1(w)(1)(vi) of this permit. *(Reference Permit APC-95/0569)* |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| 3. Nitrogen Oxides<br>Nitrogen Oxides - Fuel Burning Equipment with a total rated heat input capacity of less than 15 mmbtu/hr - State Enforceable Only<br><br>This state enforceable section shall become federally enforceable upon approval of the State Implementation Plan containing this regulation by the administrator of the EPA.<br><br>i. Fuel burning equipment with a rated heat input capacity of less than 15 mmbtu/hr is exempt from the demonstration of reasonably available control technology requirement. *[Reference Regulation No. 12 Section 4.1(c) dated 11/24/93]* | ii. Compliance Method:<br>Compliance shall be demonstrated through the monitoring/recordkeeping and testing requirements of this condition. *[Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93]*<br>iii. Monitoring/Recordkeeping:<br>The Company shall maintain records of the manufacturer's rated heat input capacity of the equipment. *[Reference Regulation No. 30 Section 6(a)(3)(ii)(B) dated 11/15/93]*<br>iv. Testing:<br>None in addition to that listed in Condition 3(b)(1)(ii) of this permit. | v. Reporting Requirement:<br>The Company shall, for each occurrence of excess emissions, within thirty (30) calendar days of becoming aware of such occurrence, supply the Department in writing with the following information, in addition to complying with any other reporting requirement mandated by the State of Delaware:<br>A. The name and location of the facility.<br>B. The subject source(s) that caused the excess emissions.<br>C. The time and date of first observation of the excess emissions.<br>D. The cause and expected duration of the excess emissions.<br>E. The proposed corrective action(s) and schedule to correct the condition(s) causing the excess emissions.<br>*[Reference Regulation No. 12 Section 7.3 paragraphs a, b, c, d, and f dated 11/24/93 and Permit APC-95/0569]*<br><br>vi. Compliance Certification: That required by Condition 3(c)(3) and Condition 3 Table 1(w)(1)(vi) of this permit. *[Reference Permit APC-95/0569]* |
| 4. Nitrogen Oxides - Stationary Internal Combustion Engines - State Enforceable Only<br><br>This state enforceable section shall become federally enforceable upon approval of the State Implementation Plan containing this regulation by the administrator of the EPA. | ii. Compliance Method:<br>Compliance shall be demonstrated through the monitoring/recordkeeping and testing requirements of this condition. *[Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93]*<br>iii. Monitoring/Recordkeeping: | v. Reporting Requirement:<br>The Company shall, for each occurrence of excess emissions, within thirty (30) calendar days of becoming aware of such occurrence, supply the Department in writing with the following information, in addition to complying |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| i. Any stationary internal combustion engine with a rated capacity of less than 450 hp of output power is exempt from the demonstration of reasonably available control technology. *(Reference Regulation No. 12 Section 4.1(d) dated 1124/93)* | The Company shall maintain records of the manufacturer's rated capacity of the stationary internal combustion engines. *(Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93)*<br>iv. Testing:<br>None in addition to that listed in Condition 3(b)(1)(ii) of this permit. | with any other reporting requirement mandated by the State of Delaware:<br>A. The name and location of the facility.<br>B. The subject source(s) that caused the excess emissions.<br>C. The time and date of first observation of the excess emissions.<br>D. The cause and expected duration of the excess emissions.<br>E. The proposed corrective action(s) and schedule to correct the condition(s) causing the excess emissions.<br>*(Reference Regulation No. 12 Section 7.3 paragraphs a, b, c, d, and f dated 11/24/93 and Permit APC-95.0569)*<br>vi. Compliance Certification: That required by Condition 3(c)(3) and Condition 3 Table 1(w)(1)(vi) of this permit. *(Reference Permit APC-95/0569)* |
| 5. Nitrogen Oxides - Fuel Burning Equipment with a total rated heat input capacity of less than 15 mmbtu/hr and Stationary Internal Combustion Engines - State Enforceable Only<br><br>This state enforceable section shall become federally enforceable upon approval of the State Implementation Plan containing this regulation by the administrator of the EPA.<br><br>i. Fuel burning equipment or internal combustion engine with an annual capacity factor of less than five (5) | iii. Compliance Method:<br>Compliance shall be demonstrated through adherence to the operational limitation and the monitoring/recordkeeping and testing requirements of this condition. *(Reference Regulation No. 30 Section 6(a)(3) dated 11/15/93)*<br>iv. Monitoring/Recordkeeping:<br>The Company shall maintain records of the manufacturer's rated heat input capacity of the equipment and a monthly log of the hours of operation. *(Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93)*<br>v. Testing: | vi. Reporting Requirement:<br><br>The Company shall, for each occurrence of excess emissions, within thirty (30) calendar days of becoming aware of such occurrence, supply the Department in writing with the following information, in addition to complying with any other reporting requirement mandated by the State of Delaware:<br>A. The name and location of the facility.<br>B. The subject source(s) that caused the excess emissions. |

## Condition 3 - Table 1 (Specific Requirements)

| Emission Limitations/Standards and/or Operational Limitations/Standards | Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures (as applicable) and Record Keeping) | Reporting/Compliance Certification |
|---|---|---|
| percent shall be exempt from the demonstration of reasonably available control technology. *[Reference Regulation No. 12 Section 4.1(f) dated 11/24/93]*<br>ii. Operational Limitation:<br>Fuel burning equipment covered by this condition or internal combustion engines shall operate less than 438 hours per year. *[Reference Regulation No. 30 Section 6(a)(3)(i)(B) dated 11/15/93]* | None in addition to that listed in Condition 3(b)(1)(ii) of this permit. | C. The time and date of first observation of the excess emissions.<br>D. The cause and expected duration of the excess emissions.<br>E. The proposed corrective action(s) and schedule to correct the condition(s) causing the excess emissions.<br>*[Reference Regulation No. 12 Section 7.3 paragraphs a, b, c, d, and f dated 11/24/93 and Permit APC-95/0569]*<br><br>vii. Compliance Certification: That required by Condition 3(c)(3) and Condition 3 Table 1(w)(1)(vi) of this permit. *[Reference Permit APC-95/0569]* |

## Condition 4. Operational Flexibility.

a. In addition to the operational flexibility specifically provided in the terms and conditions detailed in Condition 3 - Table 1 of this permit, the Company is authorized to make any change within the facility which contravenes the terms and conditions of this permit without a permit revision if the change:

1. Is not a modification or otherwise prohibited under any provision of Title I of the Act or the State Implementation Plan (SIP); and *[Reference Regulation No. 30 Section 6(h), dated 11/15/93]*

2. Does not involve a change in any compliance schedule date; and *[Reference Regulation No. 30 Section 6(h), dated 11/15/93]*

3. Does not result in a level of emissions exceeding the emissions allowable under this permit, whether expressed herein as a rate of emissions or in terms of total emissions. *[Reference Regulation No. 30 Section 6(h), dated 11/15/93]*

b. Before making a change under the provisions of Condition 4(a) of this permit, the Company shall provide advance written notice to the Department and to the EPA in accordance with Condition 3(c)(2)(iii) of this permit. *[Reference Regulation No. 30 Section 6(h)(1), dated 11/15/93]*

c. The Company shall keep records of any change made under Condition 4(a) of this permit in accordance with Condition 3(b)(2)(iv) of this permit. *[Reference Regulation No. 30 Section 6(h)(1), dated 11/15/93]*

## Condition 5. Compliance Schedule.

This permit does not contain a compliance schedule. *[Reference Regulation No. 30, Section (6)(c)(3), dated 11/15/93]*

## Condition 6. Permit Shield.

a. Compliance with the terms and conditions of this permit shall be deemed compliance with the applicable requirements as provided in Condition 6 - Table 1 as of the effective date of this permit. *[Reference Regulation No. 30 Section 6(f)] 11/15/93]*

| Condition 6 - Table 1 | |
|---|---|
| **Emission Unit** | **Applicable Requirement** |
| Emission Unit 1 | Regulation No. 12, Section 3.6<br>Regulation No. 8, Section 2.1<br>Regulation No. 4, Section 2.1 |
| Emission Unit 2 | Regulation No. 12, Section 3.6<br>Regulation No. 8, Section 2.1<br>Regulation No. 4, Section 2.1 |
| Emission Unit 3 | Regulation No. 12, Section 3.6<br>Regulation No. 8, Section 2.1<br>Regulation No. 4, Section 2.1 |
| Emission Unit 4 | Regulation No. 12, Section 3.6<br>Regulation No. 8, Section 2.1<br>Regulation No. 4, Section 2.1 |
| Emission Unit 5 | Regulation No. 12, Section 3.6<br>Regulation No. 8, Section 2.1<br>Regulation No. 4, Section 2.1 |
| Emission Unit 6 | Regulation No. 5, Section 2.1 |
| Emission Unit 7 | Regulation No. 5, Section 2.1 |
| Emission Unit 8 | Regulation No. 5, Section 2.1 |
| Emission Unit 9 | Regulation No. 5, Section 2.1<br>Regulation No. 24 Section 22(c)(1)(iii), (d), (g),<br>Regulation No. 24 Section 4(c)(1), (c)(2), (c)(3), (d)(1), (d)(2), (d)(3) |
| Emission Unit 11 | Regulation No. 4 Section 2.1<br>Regulation No. 12 Section 3.3(b) |
| Emission Unit 11 Streamlined Condition 3 Table 1(d) | Compliance with the streamlined limit assures compliance with the listed applicable requirements<br>Regulation No. 24 Section 4(e)(2)(i-ix), 4(e)(1), 4(e)(3),<br>Regulation No. 24 Section 13(c)(4)(i), 13(i)(2)(i-iii),<br>40 CFR Part 60.392(a); 60.393(b); 60.393(c)(2); 60.394(a), (b), (c); 60.395(a); 60.395(c)(1); 60.395(b); 60.395(c)(3) |
| Emission Unit 12 | Regulation No. 5 Section 2.1 |

| Condition 6 - Table 1 | |
|---|---|
| **Emission Unit** | **Applicable Requirement** |
| Emission Unit 13 | Regulation No. 24 Section 22(c)(1)(iv), (d), (g) |
| Emission Unit 14 | Regulation No. 24 Section 45 |
| Emission Unit 15 | Compliance with the streamlined limit assures compliance with the listed applicable requirements<br><br>Regulation No. 24 Section 13(c)(3)<br>Regulation No. 24 Section 4(e)(1), (e)(2)(i-ix), (e)(3)<br>40 CFR 60.392(b) |
| Emission Unit 15 | Regulation No. 5 Section 2.1<br>Regulation No. 12 Section 3.3(b) |
| Emission Unit 16 | Regulation No. 5 Section 2.1 |
| Emission Unit 17 | Regulation No. 5 Section 2.1 |
| Emission Unit 18<br>Emission Unit 25 (activities related to topcoat) | Regulation No. 5 Section 2.1<br>Regulation No. 12 Section 3.3(b) |
| Emission Unit 18<br>Emission Unit 25 (activities related to topcoat) | Compliance with the streamlined limit assures compliance with the listed applicable requirements<br>Regulation No. 24 Section 13(c)(2)(ii), (d), (e)(1), (e)(2), (h)(4), (j)(4)<br>Regulation No. 24 Section 4(e)(2), (e)(3)<br>40 CFR 60.392(c), 60.393(c)(2), 60.394(a-c), 60.395(a - c) |
| Emission Unit 19 | Regulation No. 5 Section 2.1 |
| Emission Unit 20 | Regulation No. 24 Section 22(c)(1)(iii), (d), (g),<br>Regulation No. 24 Section 4(c)(1), (c)(2), (c)(3), (d)(1), (d)(2), (d)(3)<br>Regulation No. 5 Section 2.1<br>Regulation No. 12 Section 3.3(b) |
| Emission Unit 22 | Regulation No. 5, Section 2.1<br>Regulation No. 24 Section 13(c)(1)(ii-iii), (h)(2), (h)(3)<br>Regulation No. 24 Section 4(c)(1), (c)(2), (c)(3), (d)(1), (d)(2), (d)(3) |
| Emission Unit 23 | Regulation No. 5, Section 2.1<br>Regulation No. 24 Section 13(c)(1)(ii-iii), (h)<br>Regulation No. 24 Section 4(c)(1), (c)(2), (c)(3), (d)(1), (d)(2), (d)(3) |

| Condition 6 - Table 1 | |
|---|---|
| **Emission Unit** | **Applicable Requirement** |
| Emission Unit 24 | Regulation No. 5 Section 2.1<br>Regulation No. 12 Section 4<br>Regulation No. 24 Section 50 |
| Emission Unit 26 | Regulation No. 24 Section 50 |
| Emission Unit 27 | Regulation No. 24 Section 5, (c)(1)<br>Regulation No. 24 Section 26(c)(1)(i-iv), (d)<br>Regulation No. 24 Section 36(c)(1),(f), (g), (h), (i)(1), (i)(2), (i)(3), (j)<br>Regulation No. 24 Appendix J, J2, J3 |
| Emission Unit 28 | Regulation No. 5, Section 2.1 |
| Emission Unit 29 | Regulation No. 4 Section 2.1<br>Regulation No. 12 Section 3.3(b) |
| Emission Unit 30 | Regulation No. 4 Section 2.1<br>Regulation No. 12 Section 3.3(b) |
| Emission Unit 60 | Regulation No. 24 Section 22(c), (d), (g) |
| Emission Unit 61<br>Emission Unit 62<br>Emission Unit 25 (solvent cleaning activities only) | Regulation No. 24 Section 33(c)(1), (f)<br>Regulation No. 24 Section 45(e) |
| Facilitywide | Regulation No. 14 Section 2.1<br>Regulation No. 19<br>Regulation No. 24 Section 8 |

b. The permit shield granted in Condition 6 of this permit shall not extend to any changes made pursuant to Condition 2(m)(3), Minor Permit Modifications, or Condition 4, Operational Flexibility, of this permit. *[Reference Regulation No. 30 Sections 6(h)(2) dated 11/15/93, 7(e)(1)(vi) dated 11/15/93, and 7(e)(2)(vi) dated 11/15/93]*

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Ali Mirzakhalili
Andrea Danucalov