

**STATE OF MISSISSIPPI  
AIR POLLUTION CONTROL  
TITLE V PERMIT**

**TO OPERATE AIR EMISSIONS EQUIPMENT**

**THIS CERTIFIES THAT**

Auto Parts Manufacturing Mississippi Inc  
100 TAB Way  
Lee, County

has been granted permission to operate air emissions equipment in accordance with emission limitations, monitoring requirements and conditions set forth herein. This permit is issued in accordance with Title V of the Federal Clean Air Act (42 U.S.C.A. § 7401 - 7671) and the provisions of the Mississippi Air and Water Pollution Control Law (Section 49-17-1 et. seq., Mississippi Code of 1972), and the regulations and standards adopted and promulgated thereunder.

**Permit Issued: August 1, 2013**

**Effective Date: As specified herein.**

**MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD**



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**AUTHORIZED SIGNATURE**

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Expires: July 31, 2018**

**Permit No.: 1540-00132**

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**APPENDIX A LIST OF ABBREVIATIONS USED IN THIS PERMIT**

## **SECTION 1. GENERAL CONDITIONS**

- 1.1 The permittee shall comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Federal Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. (Ref.: APC-S-6, Section III.A.6.a.)
- 1.2 It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. (Ref.: APC-S-6, Section III.A.6.b.)
- 1.3 This permit and/or any part thereof may be modified, revoked, reopened, and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. (Ref.: APC-S-6, Section III.A.6.c.)
- 1.4 This permit does not convey any property rights of any sort, or any exclusive privilege. (Ref.: APC-S-6, Section III.A.6.d.)
- 1.5 The permittee shall furnish to the DEQ within a reasonable time any information the DEQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the DEQ copies of records required to be kept by the permittee or, for information to be confidential, the permittee shall furnish such records to DEQ along with a claim of confidentiality. The permittee may furnish such records directly to the Administrator along with a claim of confidentiality. (Ref.: APC-S-6, Section III.A.6.e.)
- 1.6 The provisions of this permit are severable. If any provision of this permit, or the application of any provision of this permit to any circumstances, is challenged or held invalid, the validity of the remaining permit provisions and/or portions thereof or their application to other persons or sets of circumstances, shall not be affected thereby. (Ref.: APC-S-6, Section III.A.5.)
- 1.7 The permittee shall pay to the DEQ an annual permit fee. The amount of fee shall be determined each year based on the provisions of regulated pollutants for fee purposes and the fee schedule specified in the Commission on Environmental Quality's order which shall be issued in accordance with the procedure outlined in Regulation APC-S-6.
  - (a) For purposes of fee assessment and collection, the permittee shall elect for actual or allowable emissions to be used in determining the annual quantity of emissions unless the Commission determines by order that the method chosen by the applicant for calculating actual emissions fails to reasonably represent actual emissions. Actual

emissions shall be calculated using emission monitoring data or direct emissions measurements for the pollutant(s); mass balance calculations such as the amounts of the pollutant(s) entering and leaving process equipment and where mass balance calculations can be supported by direct measurement of process parameters, such direct measurement data shall be supplied; published emission factors such as those relating release quantities to throughput or equipment type (e.g., air emission factors); or other approaches such as engineering calculations (e.g., estimating volatilization using published mathematical formulas) or best engineering judgments where such judgments are derived from process and/or emission data which supports the estimates of maximum actual emission. (Ref.: APC-S-6, Section VI.A.2.)

- (b) If the Commission determines that there is not sufficient information available on a facility's emissions, the determination of the fee shall be based upon the permitted allowable emissions until such time as an adequate determination of actual emissions is made. Such determination may be made anytime within one year of the submittal of actual emissions data by the permittee. (Ref.: APC-S-6, Section VI.A.2.) If at any time within the year the Commission determines that the information submitted by the permittee on actual emissions is insufficient or incorrect, the permittee will be notified of the deficiencies and the adjusted fee schedule. Past due fees from the adjusted fee schedule will be paid on the next scheduled quarterly payment time. (Ref.: APC-S-6, Section VI.D.2.)
  - (c) The fee shall be due September 1 of each year. By July 1 of each year the permittee shall submit an inventory of emissions for the previous year on which the fee is to be assessed. The permittee may elect a quarterly payment method of four (4) equal payments; notification of the election of quarterly payments shall be made to the DEQ by the first payment date of September 1. The permittee shall be liable for penalty as prescribed by State Law for failure to pay the fee or quarterly portion thereof by the date due. (Ref.: APC-S-6, Section VI.D.)
  - (d) If in disagreement with the calculation or applicability of the Title V permit fee, the permittee may petition the Commission in writing for a hearing in accordance with State Law. Any disputed portion of the fee for which a hearing has been requested will not incur any penalty or interest from and after the receipt by the Commission of the hearing petition. (Ref.: APC-S-6, Section VI.C.)
- 1.8 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 this permit. (Ref.: APC-S-6, Section III.A.8.)
- 1.9 Any document required by this permit to be submitted to the DEQ shall contain a certification by a responsible official that states that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. (Ref.: APC-S-6, Section II.E.)

- 1.10 The permittee shall allow the DEQ, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to perform the following:
- (a) enter upon the permittee's premises where a Title V source is located or emissions-related activity is conducted, or where records shall be kept under the conditions of this permit;
  - (b) have access to and copy, at reasonable times, any records that shall be kept under the conditions of this permit;
  - (c) inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
  - (d) as authorized by the Federal Act, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. (Ref.: APC-S-6, Section III.C.2.)
- 1.11 Except as otherwise specified or limited herein, the permittee shall have necessary sampling ports and ease of accessibility for any new air pollution control equipment, obtained after May 8, 1970, and vented to the atmosphere. (Ref.: APC-S-1, Section 3.9(a))
- 1.12 Except as otherwise specified or limited herein, the permittee shall provide the necessary sampling ports and ease of accessibility when deemed necessary by the Permit Board for air pollution control equipment that was in existence prior to May 8, 1970. (Ref.: APC-S-1, Section 3.9(b))
- 1.13 Compliance with the conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance where such applicable requirements are included and are specifically identified in the permit or where the permit contains a determination, or summary thereof, by the Permit Board that requirements specifically identified previously are not applicable to the source. (Ref.: APC-S-6, Section III.F.1.)
- 1.14 Nothing in this permit shall alter or affect the following:
- (a) the provisions of Section 303 of the Federal Act (emergency orders), including the authority of the Administrator under that section;
  - (b) the liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;
  - (c) the applicable requirements of the acid rain program, consistent with Section 408(a) of the Federal Act.
  - (d) the ability of EPA to obtain information from a source pursuant to Section 114 of the

Federal Act. (Ref.: APC-S-6, Section III.F.2.)

- 1.15 The permittee shall comply with the requirement to register a Risk Management Plan if permittee's facility is required pursuant to Section 112(r) of the Act to register such a plan. (Ref.: APC-S-6, Section III.H.)
- 1.16 Expiration of this permit terminates the permittee's right to operate unless a timely and complete renewal application has been submitted. A timely application is one which is submitted at least six (6) months prior to expiration of the Title V permit. If the permittee submits a timely and complete application, the failure to have a Title V permit is not a violation of regulations until the Permit Board takes final action on the permit application. This protection shall cease to apply if, subsequent to the completeness determination, the permittee fails to submit by the deadline specified in writing by the DEQ any additional information identified as being needed to process the application. (Ref.: APC-S-6, Section IV.C.2., Section IV.B., and Section II.A.1.c.)
- 1.17 The permittee is authorized to make changes within their facility without requiring a permit revision (ref: Section 502(b)(10) of the Act) if:
- (a) the changes are not modifications under any provision of Title I of the Act;
  - (b) the changes do not exceed the emissions allowable under this permit;
  - (c) the permittee provides the Administrator and the Department with written notification in advance of the proposed changes (at least seven (7) days, or such other time frame as provided in other regulations for emergencies) and the notification includes:
    - (1) a brief description of the change(s),
    - (2) the date on which the change will occur,
    - (3) any change in emissions, and
    - (4) any permit term or condition that is no longer applicable as a result of the change;
  - (d) the permit shield shall not apply to any Section 502(b)(10) change. (Ref.: APC-S-6, Section IV.F.)
- 1.18 Should the Executive Director of the Mississippi Department of Environmental Quality declare an Air Pollution Emergency Episode, the permittee will be required to operate in accordance with the permittee's previously approved Emissions Reduction Schedule or, in the absence of an approved schedule, with the appropriate requirements specified in Regulation APC-S-3, "Regulations for the Prevention of Air Pollution Emergency Episodes" for the level of emergency declared. (Ref.: APC-S-3)

- 1.19 Except as otherwise provided herein, a modification of the facility may require a Permit to Construct in accordance with the provisions of Regulations APC-S-2, "Permit Regulations for the Construction and/or Operation of Air Emissions Equipment", and may require modification of this permit in accordance with Regulations APC-S-6, "Air Emissions Operating Permit Regulations for the Purposes of Title V of the Federal Clean Air Act". Modification is defined as "[a]ny physical change in or change in the method of operation of a facility which increases the actual emissions or the potential uncontrolled emissions of any air pollutant subject to regulation under the Federal Act emitted into the atmosphere by that facility or which results in the emission of any air pollutant subject to regulation under the Federal Act into the atmosphere not previously emitted. A physical change or change in the method of operation shall not include:
- (a) routine maintenance, repair, and replacement;
  - (b) use of an alternative fuel or raw material by reason of an order under Sections 2 (a) and (b) of the Federal Energy Supply and Environmental Coordination Act of 1974 (or any superseding legislation) or by reason of a natural gas curtailment plan pursuant to the Federal Power Act;
  - (c) use of an alternative fuel by reason of an order or rule under Section 125 of the Federal Act;
  - (d) use of an alternative fuel or raw material by a stationary source which:
    - (1) the source was capable of accommodating before January 6, 1975, unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR 51.166; or
    - (2) the source is approved to use under any permit issued under 40 CFR 52.21 or under regulations approved pursuant to 40 CFR 51.166;
  - (e) an increase in the hours of operation or in the production rate unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR Subpart I or 40 CFR 51.166; or
  - (f) any change in ownership of the stationary source."
- 1.20 Any change in ownership or operational control shall be approved by the Permit Board. (Ref.: APC-S-6, Section IV.D.4.)
- 1.21 This permit is a Federally approved operating permit under Title V of the Federal Clean Air Act as amended in 1990. All terms and conditions, including any designed to limit the

source's potential to emit, are enforceable by the Administrator and citizens under the Federal Act as well as the Commission. (Ref.: APC-S-6, Section III.B.1)

- 1.22 Except as otherwise specified or limited herein, the open burning of residential, commercial, institutional, or industrial solid waste, is prohibited. This prohibition does not apply to infrequent burning of agricultural wastes in the field, silvicultural wastes for forest management purposes, land-clearing debris, debris from emergency clean-up operations, and ordinance. Open burning of land-clearing debris shall not use starter or auxiliary fuels which cause excessive smoke (rubber tires, plastics, etc.); shall not be performed if prohibited by local ordinances; shall not cause a traffic hazard; shall not take place where there is a High Fire Danger Alert declared by the Mississippi Forestry Commission or Emergency Air Pollution Episode Alert imposed by the Executive Director and shall meet the following buffer zones.
- (a) Open burning without a forced-draft air system shall not occur within 500 yards of an occupied dwelling.
  - (b) Open burning utilizing a forced-draft air system on all fires to improve the combustion rate and reduce smoke may be done within 500 yards of but not within 50 yards of an occupied dwelling.
  - (c) Burning shall not occur within 500 yards of commercial airport property, private air fields, or marked off-runway aircraft approach corridors unless written approval to conduct burning is secured from the proper airport authority, owner or operator. (Ref.: APC-S-1, Section 3.7)
- 1.23 Except as otherwise specified herein, the permittee shall be subject to the following provision with respect to emergencies.
- (a) Except as otherwise specified herein, an "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 the 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.
  - (b) An emergency constitutes an affirmative defense to an action brought for noncompliance with such technology-based emission limitations if the conditions specified in (c) following are met.
  - (c) The affirmative defense of emergency shall be demonstrated through properly signed contemporaneous operating logs, or other relevant evidence that include information as follows:



- (1) an emergency occurred and that the permittee can identify the cause(s) of the emergency;
  - (2) the permitted facility was at the time being properly operated;
  - (3) during the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
  - (4) the permittee submitted notice of the emergency to the DEQ within 2 working days of the time when emission limitations were exceeded due to the emergency. This notice shall contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.
- (d) In any enforcement proceeding, the permittee seeking to establish the occurrence of an emergency has the burden of proof.
- (e) This provision is in addition to any emergency or upset provision contained in any applicable requirement specified elsewhere herein. (Ref.: APC-S-6, Section III.G.)

1.24 Except as otherwise specified herein, the permittee shall be subject to the following provisions with respect to upsets, startups, shutdowns and maintenance.

- (a) Upsets (as defined by APC-S-1, Section 2.37)
- (1) The occurrence of an upset constitutes an affirmative defense to an enforcement action brought for noncompliance with emission standards or other requirements of Applicable Rules and Regulations or any applicable permit if the permittee demonstrates through properly signed contemporaneous operating logs, or other relevant evidence that include information as follows:
    - (i) an upset occurred and that the permittee can identify the cause(s) of the upset;
    - (ii) the source was at the time being properly operated;
    - (iii) during the upset the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements of Applicable Rules and Regulations or any applicable permit;
    - (iv) the permittee submitted notice of the upset to the DEQ within 5 working days of the time the upset began; and
    - (v) the notice of the upset shall contain a description of the upset, any steps

taken to mitigate emissions, and corrective actions taken.

- (2) In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.
- (3) This provision is in addition to any upset provision contained in any applicable requirement.

(b) Startups and Shutdowns (as defined by APC-S-1, Sections 2.34 & 2.29)

- (1) Startups and shutdowns are part of normal source operation. Emissions limitations applicable to normal operation apply during startups and shutdowns except as follows:
  - (i) when sudden, unavoidable breakdowns occur during a startup or shutdown, the event may be classified as an upset subject to the requirements above;
  - (ii) when a startup or shutdown is infrequent, the duration of excess emissions is brief in each event, and the design of the source is such that the period of excess emissions cannot be avoided without causing damage to equipment or persons; or
  - (iii) when the emissions standards applicable during a startup or shutdown are defined by other requirements of Applicable Rules and Regulations or any applicable permit.
- (2) In any enforcement proceeding, the permittee seeking to establish the applicability of any exception during a startup or shutdown has the burden of proof.
- (3) In the event this startup and shutdown provision conflicts with another applicable requirement, the more stringent requirement shall apply.

(c) Maintenance.

- (1) Maintenance should be performed during planned shutdown or repair of process equipment such that excess emissions are avoided. Unavoidable maintenance that results in brief periods of excess emissions and that is necessary to prevent or minimize emergency conditions or equipment malfunctions constitutes an affirmative defense to an enforcement action brought for noncompliance with emission standards, or other regulatory requirements if the permittee can demonstrate the following:

- (i) the permittee can identify the need for the maintenance;
  - (ii) the source was at the time being properly operated;
  - (iii) during the maintenance the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements of Applicable Rules and Regulations or any applicable permit;
  - (iv) the permittee submitted notice of the maintenance to the DEQ within 5 working days of the time the maintenance began or such other times as allowed by DEQ; and
  - (v) the notice shall contain a description of the maintenance, any steps taken to mitigate emissions, and corrective actions taken.
- (2) In any enforcement proceeding, the permittee seeking to establish the applicability of this section has the burden of proof.
- (3) In the event this maintenance provision conflicts with another applicable requirement, the more stringent requirement shall apply. (Ref.: APC-S-1, Section 10)

1.25 The permittee shall comply with all applicable standards for demolition and renovation activities pursuant to the requirements of 40 CFR Part 61, Subpart M, as adopted by reference in Regulation APC-S-1, Section 8. The permittee shall not be required to obtain a modification of this permit in order to perform the referenced activities.

## SECTION 2. EMISSION POINTS & POLLUTION CONTROL DEVICES

Emission Point	Description
<b>AA-000</b>	<b>Automobile and Light Duty Truck Parts Manufacturing Facility</b>
<b>AA-100 (Ref. S-1)</b>	<b>Plantwide Natural Gas Combustion Equipment</b>
<b>AA-101a (Ref. S-1-1-1)</b>	<b>Administration Area #1 HVAC equipped with a 0.60 MMBTU/HR Burner.</b>
<b>AA-102a (Ref. S-1-1-2a)</b>	<b>Stamping Shop #1 HVAC equipped with a 36.00 MMBTU/HR Burner.</b>
<i>AA-102b (Ref. S-1-1-2b)</i>	<i>Stamping Shop #2 HVAC equipped with an 36.00 MMBTU/HR Burner.</i>
<b>AA-103a (Ref. S-1-1-3a)</b>	<b>Welding Shop #1 HVAC equipped with a 18.00 MMBTU/HR Burner.</b>
<i>AA-103b (Ref. S-1-1-3b)</i>	<i>Welding Shop #2 HVAC equipped with a 18.00 MMBTU/HR Burner.</i>
<b>AA-104a (Ref. S-1-1-4a)</b>	<b>Plastic Shop #1 HVAC equipped with a 20.11 MMBTU/HR Burner.</b>
<i>AA-104b (Ref. S-1-1-4b)</i>	<i>Plastic Shop #2 HVAC equipped with a 20.11 MMBTU/HR Burner.</i>
<b>AA-105a(Ref. S-1-2-5a)</b>	<b>Plastic Shop Primer Booth #1 equipped with a 6.15 MMBTU/Hr Burner.</b>
<i>AA-105b (Ref. S-1-2-5b)</i>	<i>Plastic Shop Primer Booth #2 equipped with a 6.15 MMBTU/Hr Burner.</i>
<b>AA-106a (Ref. S-1-2-6a)</b>	<b>Plastic Shop Basecoat Booth #1 equipped with a 6.15 MMBTU/HR Burner.</b>
<i>AA-106b (Ref. S-1-2-6b)</i>	<i>Plastic Shop Basecoat Booth #2 equipped with a 6.15 MMBTU/HR Burner.</i>
<b>AA-107a (Ref. S-1-2-7a)</b>	<b>Plastic Shop Clearcoat Booth #1 equipped with a 6.15 MMBUT/HR Burner.</b>
<i>AA-107b (Ref. S-1-2-7b)</i>	<i>Plastic Shop Clearcoat Booth #2 equipped with a 6.15 MMBUT/HR Burner.</i>
<b>AA-108a (Ref. S-1-2-8a)</b>	<b>Plastic Shop Interior Parts Booth #1 equipped with an 1.99 MMBTU/HR Burner.</b>
<i>AA-108b (Ref. S-1-2-8b)</i>	<i>Plastic Shop Interior Parts Booth #2 equipped with an 1.99 MMBTU/HR Burner.</i>
<b>AA-109a (Ref. S-1-2-9a)</b>	<b>Plastic Shop #1 equipped with a 4.00 MMBTU/HR Burner.</b>
<i>AA-109b (Ref. S-1-2-9b)</i>	<i>Plastic Shop #2 equipped with a 4.00 MMBTU/HR Burner.</i>
<b>AA-110a (Ref. S-1-3-10a)</b>	<b>Plastic Shop #1 Topcoat Oven equipped with a 3.40 MMBTU/HR Burner.</b>
<i>AA-110b (Ref. S-1-3-10b)</i>	<i>Plastic Shop #2 Topcoat Oven equipped with a 3.40 MMBTU/HR Burner.</i>
<b>AA-111a (Ref. S-1-3-11a)</b>	<b>Welding Shop #1 Small Parts E-Coat Tank and Oven equipped with a 1.23 MMBTU/HR Burner.</b>
<i>AA-111b (Ref. S-1-3-11b)</i>	<i>Welding Shop #2 Small Parts E-Coat Tank and Oven equipped with a 1.23 MMBTU/HR Burner.</i>
<b>AA-112a (Ref. S-1-4-12a)</b>	<b>Plant #1 equipped with Three (3) Boilers combusting natural gas only. Boiler #1 and Boiler #2 have a 12.0 MMBTU/Hr rated capacity and Boiler #3 has a 8.3 MMBTU/Hr rated capacity.</b>
<i>AA-112b (Ref. S-1-4-12b)</i>	<i>Plant #2 equipped with Four (4) 11.824 MMBTU/HR Boilers capable of combusting natural gas only.</i>
<b>AA-113a</b>	<b>Plant #1 equipped with Four (4) Miscellaneous Vertical Supply Units (VSU) with a total heat input rating of 29.0 MMBtu/hr</b>
<i>AA-113b</i>	<i>Plant #2 equipped with Four (4) Miscellaneous Vertical Supply Units (VSU) with a total heat input rating of 29.0 MMBtu/hr</i>

<b>AA-114a</b>	<b>Plant #1 equipped with Ten (10) Miscellaneous Gas Heater Units (GHU) with a total heat input rating of 1.0 MMBtu/hr</b>
<i>AA-114b</i>	<i>Plant #1 equipped with Ten (10) Miscellaneous Gas Heater Units (GHU) with a total heat input rating of 1.0 MMBtu/hr</i>
<b>AA-115a</b>	<b>Plant #1 equipped with One (1) Exterior Parts Paint Shop (AHB) with heat input rating of 0.88 MMBtu/hr</b>
<i>AA-115b</i>	<i>Plant #2 equipped with One (1) Exterior Parts Paint Shop (AHB) with heat input rating of 0.88 MMBtu/hr</i>
<b>AA-200 (Ref. S-2)</b>	<b>Plantwide Emergency Support Equipment</b>
<b>AA-201</b>	<b>Emergency Generators</b>
<b>AA-201a (Ref. S-2-1-1a)</b>	<b>Plant #1 equipped with One (1) 150 kW Emergency Generator</b>
<i>AA-201b (Ref. S-2-1-1b)</i>	<i>Plant #2 equipped with One (1) 150 kW Emergency Generator</i>
<b>AA-202</b>	<b>Emergency Fire Water Pumps</b>
<b>AA-202a(Ref. S-2-2-1a)</b>	<b>Plant #1 equipped with One (1) 215 kW Emergency Fire Water Pump</b>
<i>AA-202b (Ref. S-2-2-1b)</i>	<i>Plant #2 equipped with One (1) 215 kW Emergency Fire Water Pump</i>
<b>AA-300 (Ref. S-3)</b>	<b>Plantwide Bulk Liquid Storage Tanks</b>
<i>AA-301 (Ref. S-3-1-1)</i>	<i>Four (4) 13,200 Gallon Tanks for storing Waste Paint/Solvent (Tanks T-1 thru T-4) - Tank Farm</i>
<i>AA-302(Ref. S-3-1-2)</i>	<i>One (1) 5,000 Gallon Gasoline Tank – Tank Farm</i>
<i>AA-303 (Ref. S-3-1-3)</i>	<i>Four (4) 13,200 Gallon Tanks for storing Purge Thinner (Tanks T-5 thru T-8) - Tank Farm</i>
<b>AA-400 (Ref. S-4)</b>	<b>Emission Sources for Stamping and Welding Shop</b>
<b>AA-401a (Ref. S-4-1-1a)</b>	<b>Plant #1 Drawing Oil - Stamping Shop</b>
<i>AA-401b (Ref. S-4-1-1b)</i>	<i>Plant #2 Drawing Oil - Stamping Shop</i>
<b>AA-402a (Ref. S-4-2-1a)</b>	<b>Plant #1 Metal Part Components (Mig Welding and Brazing) - Welding Shop</b>
<i>AA-402b (Ref. S-4-2-1b)</i>	<i>Plant #2 Metal Part Components (Mig Welding and Brazing) - Welding Shop</i>
<b>AA-500 (Ref. S-5)</b>	<b>Emission Sources for Plastic Shop</b>
<b>AA-501a (Ref. S-5-1-1a)</b>	<b>Plant #1 Interior Parts Spray Booth and Curing Oven - Application of Waterborne Materials and Plant #1 Interior Parts Touch Up Booth - Application of Solventborne Materials</b>
<i>AA-501b (Ref. S-5-1-1b)</i>	<i>Plant #2 Interior Parts Spray Booth and Curing Oven - Application of Waterborne Materials and Plant #2 Interior Parts Touch Up Booth – Application of Solventborne Materials</i>
<b>AA-502a (Ref. S-5-2-1a).</b>	<b>Plant #1 Exterior Spray Booth and Curing Oven – Application of Waterborne/Solventborne Primers, Waterborne Basecoat and Solventborne Clearcoat</b>
<i>AA-502b (Ref. S-5-2-1b)</i>	<i>Plant #2 Exterior Parts Booth and Curing Oven – Application of Waterborne/Solventborne Primers, Waterborne Basecoat and Solventborne Clearcoat</i>
<b>AA-503a (Ref. S-5-3-1a)</b>	<b>Plant #1 Injection Molding (use of Mold Release Material)</b>
<i>AA-503b (Ref. S-5-3-1b)</i>	<i>Plant #2 Injection Molding (use of Mold Release Material)</i>
<i>AA-504a (Ref. S-5-4-1a)</i>	<i>Plant #1 Slush Molding/Monoform Operations</i>

<i>AA-504b (Ref. S-5-4-1b)</i>	<i>Plant #2 Slush Molding/Monoform Operations</i>
<b>AA-600 (Ref. S-6)</b>	<b>Emission Sources for Miscellaneous Metal Coating Process</b>
<b>AA-601a (Ref. S-6-1-1a)</b>	<b>Plant #1 Small Parts E-Coat Dip Tank and Curing Oven – Weld Shop</b>
<i>AA-601b (Ref. S-6-1-1b)</i>	<i>Plant #2 Small Parts E-Coat Dip Tank and Curing Oven – Weld Shop</i>
<b>AA-700 (Ref. S-7)</b>	<b>Emission Sources for Miscellaneous Process Cleanings</b>
<b>AA-701a (Ref. S-7-1-1a)</b>	<b>Plant #1 Booth, Application and General Cleanup Materials</b>
<i>AA-701b (Ref. S-7-1-1b)</i>	<i>Plant #2 Booth, Application and General Cleanup Materials</i>
<b>AA-702a (Ref. S-7-2-1a)</b>	<b>Plant #1 Paint Line Cleaning Materials</b>
<i>AA-702b (Ref. S-7-2-1b)</i>	<i>Plant #2 Paint Line Cleaning Materials</i>
<b>AA-703a (Ref. S-7-3-1a)</b>	<b>Plant #1 Wiping Solvents</b>
<i>AA-703b (Ref. S-7-3-1b)</i>	<i>Plant #2 Wiping Solvents</i>
<b>AA-800</b>	<b>Emission Sources for Miscellaneous Adhesive Usage</b>
<b>AA-801a (Ref. S-8-1-1a)</b>	<b>Plant #1 Adhesive Application</b>
<i>AA-801b (Ref. S-8-1-1b)</i>	<i>Plant #2 Adhesive Application</i>
<b>AA-900</b>	<b>Plantwide Fugitive Emission including Paved Roads</b>
<b>AA-1000</b>	<b>Wastewater Treatment Plant including associated Storage Tanks.</b>
<b>AA-1100</b>	<b>Miscellaneous Support Activities/Operations as defined by MS APC-S-6, Section VII</b>

*Italics represent non-constructed emission points at the time of Title V Issuance.....*

## SECTION 3. EMISSION LIMITATIONS & STANDARDS

### A. Facility-Wide and Emission Point Specific Limitations & Standards

Emission Point	Applicable Requirement	Condition Number	Pollutant/Parameter	Limit/Standard
AA-000 (Plantwide)	40 CFR 60, Subpart IIII, specifically 40 CFR 60.4200(a)(2)	3.A.1	Applicability	NSPS for Stationary Compression Ignition Internal Combustion Engines
	40 CFR 63, Subpart MMMM, specifically 40 CFR 63.3881(b)	3.A.2		NESHAP for Surface Coating of Miscellaneous Metal Parts and Products
	40 CFR 63, Subpart PPPP, specifically 40 CFR 63.4481(a)	3.A.3		NESHAP for Surface Coating of Plastic Parts and Products
	40 CFR 60, Subpart JJJJ, specifically 40 CFR 60.4230(a)(4)(iv)	3.A.4		NSPS for Stationary Spark Ignition Internal Combustion Engines
	40 CFR 60, Subpart Dc, specifically 40 CFR 60.40c(a)	3.A.66		NSPS for Small Industrial-Commercial-Institutional Steam Generating Units
	Section 112(j) Case-by-Case MACT Determination	3.A.5		Industrial Boilers (AA-112)
	PSD Construction Permit Issued December 11, 2007	3.A.6	Opacity	Not to exceed 10% at any time
AA-100 (Natural Gas Combustion)	PSD Construction Permit Issued December 11, 2007 and Title V Permit to Operate Issued ***** for PM2.5 limitation	3.A.7	PM/PM10 (Filterable)	BACT: Combustion of Natural Gas and Good Combustion Practices
			VOC	
			NOx	
			CO	
		3.A.8	PM/PM10 (Filterable)	11.3 tpy
		3.A.9	VOC	8.2 tpy
		3.A.10	NOx	128.5 tpy
		3.A.11	CO	124.5 tpy
		3.A.12	SO2	0.9 tpy

Emission Point	Applicable Requirement	Condition Number	Pollutant/Parameter	Limit/Standard
AA-112 (Boilers)	40 CFR 63.9(b)(4)(v)	3.A.13	HAPs	Initial Notification
	1990 CAA Amendments - Section 112(j)(5)	3.A.14		Combustion of Natural Gas Only
	PSD Construction Permit Issued December 11, 2007	3.A.15	NOx	BACT: 0.10 lbs/MMBTU and Low NOx Combustion Techniques
	40 CFR 60.40c(a)	3.A.67	NSPS	Applicability
AA-200 (Emergency Support Equipment)	PSD Construction Permit Issued December 11, 2007 and Title V Permit to Operate Issued ***** for PM2.5 limitation	3.A.16	PM/PM10 (Filterable)	BACT: Use of Low Sulfur Fuel Oil (Sulfur content equal to or less than 0.05%)
			VOC	
			NOx	
			CO	
		3.A.17	PM/PM10 (Filterable)	0.004 tpy
		3.A.18	VOC	0.02 tpy
		3.A.19	NOx	0.7 tpy
		3.A.20	CO	0.5 tpy
		3.A.21	SO2	0.3 tpy
AA-202 (Fire Pumps)	40 CFR 60.4205(c)	3.A.22	Emission Limitations	Compliance with 40 CFR 60.4202(d)
	40 CFR 60.4205(c) via 60.4202(a)(2)	3.A.23		Emission Standard Certification
	40 CFR 60.4206	3.A.24		Lifetime Emission Standard
	40 CFR 60.4207(b), and (c)	3.A.25		Diesel Fuel Standard
	40 CFR 60.4208(b)	3.A.26		Installation Deadlines
	40 CFR 60.4217	3.A.27		Special Fuels/ Optional Standards
AA-201 (Generators)	40 CFR 60.4233(e)	3.A.28		Table 1 Emission Limitations



Emission Point	Applicable Requirement	Condition Number	Pollutant/Parameter	Limit/Standard
AA-300 <i>(Bulk Liquid Storage Tanks)</i>	PSD Construction Permit Issued December 11, 2007	3.A.29	VOC	Submerged Filled Pipes, Conservation Vents, Fixed Roof Tank Design.
		3.A.30		2.2 tpy
AA-302 <i>(Gasoline Tank)</i>	PSD Construction Permit Issued December 11, 2007	3.A.31		BACT: Use of Good Work Practices to minimize emissions during Gasoline Filling Operations; and Gasoline Tanks equipped with Submerged Fill Pipes and Stage I Vapor Control
AA-400 <i>(Stamping and Welding Shop)</i>	PSD Construction Permit Issued December 11, 2007 and Title V Permit to Operate Issued ***** for PM2.5 limitation	3.A.32	PM/PM10 (Filterable)	11.1 tpy
		3.A.33	VOC	19.4 tpy
AA-401 <i>(Stamping Shop)</i>	PSD Construction Permit Issued December 11, 2007	3.A.34	VOC	BACT: Use of Low VOC content materials when technically feasible
AA-402 <i>(Welding Shop)</i>	PSD Construction Permit Issued December 11, 2007	3.A.35	PM/PM10	BACT: Incorporation of Dust Minimization Techniques and Good Operating, Work and Maintenance Practices
AA-500 <i>(Plastic Shop)</i>	PSD Construction Permit Issued December 11, 2007 and Title V Permit to Operate Issued ***** for PM2.5 limitation	3.A.36	PM/PM10 (Filterable)	12.9 tpy
		3.A.37	VOC	605.1 tpy
		3.A.38		BACT: Use of Waterborne Primers and Topcoat Materials when technically feasible
AA-501 <i>(Interior Parts)</i>	PSD Construction Permit Issued December 11, 2007	3.A.39	PM/PM10 (Filterable)	BACT: Use of Dry Filter or Wet Scrubber System for Spray Application Areas
AA-502 <i>(Exterior Parts)</i>	PSD Construction Permit Issued December 11, 2007	3.A.40	PM/PM10 (Filterable)	BACT: Use of Wet Scrubber or Dry Filter System for Spray Application Areas
AA-501 and AA-502 <i>(Interior and Exterior Parts)</i>	PSD Construction Permit Issued December 11, 2007	3.A.41	VOC	BACT: 3.2 lbs/gallon combined

Emission Point	Applicable Requirement	Condition Number	Pollutant/Parameter	Limit/Standard
AA-503 (Injection Molding)	PSD Construction Permit Issued December 11, 2007	3.A.42	VOC	BACT: Good Operating/Work Parameters for minimizing Mold Release
AA-500 (Plastic Shop)	40 CFR 63.4490(a)	3.A.43	HAPs	Emission Limitations
	40 CFR 63.4491(a) and (b)	3.A.44	Emission Limit Options	Compliant Material Option
				Emission Rate without Add-On Controls Option
	40 CFR 63.4500(a)(1)	3.A.45	General Requirements	General Compliance Requirements
	40 CFR 63.4501	3.A.46	General Provisions	General Provision Requirements defined in Table 2
	40 CFR 63.4542	3.A.47	Compliant Material Option	Continuous Compliance Demonstration with Emission Limitations
	40 CFR 63.4552	3.A.48	Emission Rate without Add-on Controls	Continuous Compliance Demonstration with Emission Limitations
AA-600 (Miscellaneous Metal Coating)	PSD Construction Permit Issued December 11, 2007	3.A.49	VOC	BACT: Use of Low VOC Content Material when technically feasible and Good Operating/Work Practices
		3.A.50		81.4 tpy
	40 CFR 63.3890(a)	3.A.51	HAPs	Emission Limitations
	40 CFR 63.3891 (a and b)	3.A.52	Emission Limit Options	Compliant Material Option
				Emission Rate without Add-On Controls Option
	40 CFR 63.3900(a and b)	3.A.53	General Requirements	General Compliance Requirements
	40 CFR 63.3901	3.A.54	General Provisions	General Provision Requirements defined in Table 2

Emission Point	Applicable Requirement	Condition Number	Pollutant/Parameter	Limit/Standard
AA-600 (Miscellaneous Metal Coating)	40 CFR 63.3942	3.A.55	Compliant Material Option	Continuous Compliance Demonstration with Emission Limitations
	40 CFR 63.3952	3.A.56	Emission Rate without Add-on Controls	Continuous Compliance Demonstration with Emission Limitations
AA-700 (Miscellaneous Process Cleaning)	PSD Construction Permit Issued December 11, 2007	3.A.57	VOC	BACT: Good Work Practices to Minimize Purge and Cleanup Solvent Emissions and Installation and Operation of a Purge Solvent Recovery System on Solventborne Systems.
		3.A.58		267.7 tpy
AA-800 (Adhesive Application)	PSD Construction Permit Issued December 11, 2007	3.A.59	VOC	0.3 tpy
		3.A.60		BACT: Use of Low VOC content materials when technically feasible; and Good Operating Practices.
AA-1100 (Miscellaneous Insignificant Support Activities/Operations)	PSD Construction Permit Issued December 11, 2007	3.A.61	VOC	2.71 tpy
	APC-S-1, Section 3.4(a)(1)	3.A.62	PM (Filterable)	0.6 lbs/MMBTU or as otherwise limited by facility modification restrictions
	APC-S-1, Section 3.4(a)(2)	3.A.63		$E = 0.8808 \cdot T^{-0.1667}$ or as otherwise limited by facility modification restrictions.
	APC-S-1, Section 3.8(a)	3.A.64	PM (Filterable)	0.2 grains/dscf of flue gas calculated to 12% CO <sub>2</sub> by volume
	APC-S-1, Section 4.1(a)	3.A.65	SO <sub>2</sub>	4.8 lbs/MMBTU per hour or as otherwise limited by facility modification restrictions

- 3.A.1 For Emission Point AA-000, the permittee is subject to, and shall comply with all applicable provisions of, 40 CFR 60, Subpart IIII – Standards of Performance for Stationary Compression Ignition Internal Combustion Engines. (Ref. 40 CFR 60.4200(a)(2))
- 3.A.2 For Emission Point AA-000, the permittee is subject to 40 CFR 63, Subpart MMMM – National Emission Standards for Hazardous Air Pollutants from the Surface Coating of Miscellaneous Metal Parts and Products. (Ref. 40 CFR 63.3881(b))
- 3.A.3 For Emission Point AA-000, the permittee is subject to 40 CFR 63, Subpart PPPP - National Emission Standards for Hazardous Air Pollutants from the Surface Coating of Plastic Parts and Products. (Ref. 40 CFR 63.4481(a))
- 3.A.4 For Emission Point AA-000, the permittee is subject to 40 CFR 60, Subpart JJJJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines. (Ref.: 40 CFR 60.4230(a)(4)(iv))
- 3.A.5 For Emission Point AA-000, the permittee is subject to 40 CFR 63, National Emission Standards for Hazardous Air Pollutants, Subpart A as required by Section 112(j) of the 1990 Amendments to the Clean Air Act for the Industrial Boilers located at Emission Point AA-112. (Ref. Case-by Case Maximum Available Control Technology Determination)
- 3.A.6 For Emission Point AA-000, the permittee shall not cause emissions of Opacity to exceed 10% at any time as determined by EPA Test Method 9, 40 CFR 60, Appendix A. (Ref.: PSD Construction Permit Issued December 11, 2007)
- 3.A.7 For Emission Point AA-100, the Permittee shall Combust Natural Gas Only and Use Good Combustion Practices for reducing emissions of Filterable Particulate Matter/Particulate Matter-10 micrometers (PM/PM10), Volatile Organic Compounds (VOC), Nitrogen Oxides (NOx), and Carbon Monoxide (CO). (Ref. PSD Construction Permit Issued December 11, 2007 - BACT for PM/PM10, VOC, NOx, and CO)
- 3.A.8 For Emission Point AA-100, the permittee shall limit emissions of Filterable PM/PM10 to 11.3 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)
- 3.A.9 For Emission Point AA-100, the permittee shall limit emissions of VOCs to 8.2 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)
- 3.A.10 For Emission Point AA-100, the permittee shall limit emissions of NOx to 128.5 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)
- 3.A.11 For Emission Point AA-100, the permittee shall limit emissions of CO to 124.5 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)

- 3.A.12 For Emission Points AA-100, the permittee shall limit emissions of Sulfur Dioxide (SO<sub>2</sub>) to 0.9 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)
- 3.A.13 For Emission Point AA-112, the permittee is subject to 40 CFR 63.9(b)(4) and is required to submit an Initial Notification within 15 calendar days of the actual date of startup. (40 CFR 63.9(b)(4)(v) and Case-by-Case MACT Determination)
- 3.A.14 For Emission Points AA-112, the permittee shall combust natural gas only.(Ref. 1990 CAA Amendments - Section 112(j)(5))
- 3.A.15 For Emission Points AA-112, the permittee shall limit emissions of NO<sub>x</sub> to 0.1 pound per MMBTU per hour heat input and utilize Low NO<sub>x</sub> Combustion Techniques. (PSD Construction Permit Issued December 11, 2007-BACT for NO<sub>x</sub>)
- 3.A.16 For Emission Point AA-200, the Permittee shall Use Low Sulfur Fuel Oil with a Sulfur content less than or equal to 0.050% for reducing emissions of Filterable PM/PM<sub>10</sub>, VOC, NO<sub>x</sub>, and CO. (Ref. PSD Construction Permit Issued December 11, 2007 - BACT for PM/PM<sub>10</sub>, VOC, NO<sub>x</sub>, and CO)
- 3.A.17 For Emission Point AA-200, the permittee shall limit during emissions of Filterable PM/PM<sub>10</sub> to 0.004 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)
- 3.A.18 For Emission Point AA-200, the permittee shall limit emissions of VOCs to 0.02 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)
- 3.A.19 For Emission Point AA-200, the permittee shall limit emissions of NO<sub>x</sub> to 0.7 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)
- 3.A.20 For Emission Point AA-200, the permittee shall limit emissions of CO to 0.5 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)
- 3.A.21 For Emission Point AA-200, the permittee shall limit emissions of SO<sub>2</sub> to 0.3 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)
- 3.A.22 For Emission Point AA-202, the permittee is subject to 40 CFR 60.4205(c) and shall comply with the Emission Standards identified in Table 4 of 40 CFR 60, Subpart IIII(a). (Ref. 40 CFR 60.4205(c))
- 3.A.23 For Emission Point AA-202, the permittee shall shall comply with the emission standards in Table 4 to Subpart IIII of Part 60 for all applicable air pollutants. (Ref. 40 CFR 60.4205(c) via 40 CFR 60.4202(a)(2), Table 4, and 40 CFR 89.112 and 89.113)

3.A.24 For Emission Point AA-202, the permittee shall operate and maintain the emission points that achieve the emission standards required by (40 CFR 60.4205) according to the manufacturer's written instructions or procedures developed by the permittee, that are approved by the engine manufacturer, over the entire life of the engine. (Ref. 40 CFR 60.4206)

3.A.25 For Emission Point AA-202, the permittee shall comply with the following:

- (a) Beginning June 1, 2010, if the permittee uses diesel fuel, then the permittee shall use diesel fuel that meets the requirements of 40 CFR 80.510(b) for nonroad diesel fuel.
- (b) If the permittee operates a pre-2011 model emission unit, the permittee may petition the DEQ for approval to use remaining non-compliant fuel that does not meet the fuel requirements of paragraphs (a) and (b) of this section beyond the dates required for the purpose of using up existing fuel inventories. If approved, the petition will be valid for a period of up to 6 months. If additional time is needed, the permittee is required to submit a new petition to the DEQ.

(Ref. 40 CFR 4207(b) thru (c))

3.A.26 For Emission Point AA-202, in addition to the requirements specified in (40 CFR 60.4202 and 60.4205), it is prohibited to import a unit with a displacement of less than 30 liters per cylinder that does not meet the applicable requirements specified in 40 CFR 60.4208 (a) through (f) after the dates specified in 40 CFR 4208 (a) through (f). (Ref. 40 CFR 60.4208(b))

3.A.27 For Emission Point AA-202, if the permittee does not use diesel fuel, the permittee may petition the DEQ for approval of alternative emission standards, if the permittee can demonstrate that the permittee uses a fuel that is not the fuel on which the manufacturer of the engine certified the engine and that the engine cannot meet the applicable standards required in (40 CFR 60.4202) using such fuels. (Ref. 40 CFR 60.4217)

3.A.28 For Emission Point AA-201, the permittee shall comply with the following emission standards from Table 1 of 40 CFR 60, Subpart JJJJ. If the engine (generator) was manufactured prior to January 1, 2011 and certified to the certification standards in 40 CFR part 1048 applicable to engines that are not severe duty engines, and if the engine (generator) was certified to a carbon monoxide (CO) standard above the standard in Table 1 to 40 CFR 60, Subpart JJJJ, then the permittee may meet the CO certification (not field testing) standard for which the engine was certified.

Emission standards <sup>a</sup>					
g/HP-hr			ppmvd at 15% O <sub>2</sub>		
NO <sub>x</sub>	CO	VOC <sup>d</sup>	NO <sub>x</sub>	CO	VOC <sup>b</sup>
2.0	4.0	1.0	160	540	86

<sup>a</sup>Owners and operators of stationary non-certified SI engines may choose to comply with the emission standards in units of either g/HP-hr or ppmvd at 15 percent O<sub>2</sub>.

<sup>b</sup>For purposes of this subpart, when calculating emissions of volatile organic compounds, emissions of formaldehyde should not be included.

(Ref.: 40 CFR 60.4233(e) and 40 CFR 60, Subpart JJJJ - Table 1)

- 3.A.29 For Emission Point AA-300, the permittee shall either Install Submerged Filled Pipes, Conservation Vents, or Fixed Rood Above Ground Tanks with Pressure Relief Valves, for minimizing emissions of VOC. (PSD Construction Permit Issued December 11, 2007)
- 3.A.30 For Emission Point AA-300, the permittee shall limit emissions of VOC to 2.2 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)
- 3.A.31 For Emission Point AA-302, the permittee shall utilize Stage I Vapor Control for Gasoline Tank Truck Unloading for minimizing emissions of VOC. (PSD Construction Permit Issued on December 11, 2007 - BACT for VOC)
- 3.A.32 For Emission Point AA-400, the permittee shall limit emissions of Filterable PM/PM10 to 11.1 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)
- 3.A.33 For Emission Point AA-400, the permittee shall limit emissions of VOC to 19.4 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)
- 3.A.34 For Emission Point AA-401, the permittee shall use Low VOC Content Material when technically feasible for minimizing VOC Emissions. The permittee may use alternative VOC Content Materials that are technically feasible; however, this does not exempt the permittee from complying with Condition 3.A. 34 of the Federally Enforceable Permit Herein. (Ref. PSD Construction Permit Issued December 11, 2007 - BACT VOC)
- 3.A.35 For Emission Point AA-402, the permittee shall incorporate Dry Filtration or Dust Minimization Techniques and Good Operating/Work and Maintenance Practices for minimizing PM/PM10 Emissions. (PSD Construction Permit Issued December 11, 2007 - BACT PM/PM10)
- 3.A.36 For Emission Point AA-500, the permittee shall limit emissions of Filterable PM/PM10 to 12.9 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)
- 3.A.37 For Emission Point AA-500, the permittee shall limit emissions of VOC to 605.1 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)
- 3.A.38 For Emission Point AA-501, the permittee shall use Waterborne Primers and Topcoat Material for minimizing VOC materials when technically feasible. The permittee may use alternative VOC Content Materials that are technically feasible; however, this does not

exempt the permittee from complying with Conditions 3.A. 38 and 42 of the Federally Enforceable Permit Herein. (Ref. PSD Construction Permit Issued December 11, 2007 - BACT for VOC)

3.A.39 For Emission Points AA-501, the permittee shall utilize a Dry Filter or Wet Scrubber System for the Spray Application Areas for minimizing Filterable PM/PM10 emissions. (Ref. PSD Construction Permit Issued December 11, 2007)

3.A.40 For Emission Points AA-502, the permittee shall utilize a Wet Scrubber or Dry Filter System for the Spray Application Areas for minimizing Filterable PM/PM10 emissions. (Ref. PSD Construction Permit Issued December 11, 2007)

3.A.41 For Emission Points AA-501, the permittee shall limit emissions of VOC to 3.2 pounds per gallon for minimizing VOC emissions. (Ref. PSD Construction Permit Issued December 11, 2007)

3.A.42 For Emission Points AA-503, the permittee shall utilize Good Operating/Work Parameters for minimizing Mold Release. (Ref. PSD Construction Permit Issued December 11, 2007 - BACT for VOC)

3.A.43 For Emission Point AA-500, the permittee shall comply with the following for demonstrating compliance with the Emission Limitations as described by 40 CFR 63.4490:

(a) the permittee shall limit organic HAP emissions according to paragraphs (a)(1) through (4), determined according to the requirements of the initial compliance demonstration as described in 40 CFR 63.4541, 40 CFR 63.4551 and 40 CFR 63.4561, where applicable.

(1) For each general use coating affected source, limit organic HAP emissions to no more than 0.16 lb organic HAP emitted per lb coating solids used during each 12-month compliance period.

(2) For each automotive lamp coating affected source, limit organic HAP emissions to no more than 0.26 lb organic HAP emitted per lb coating solids used during each 12-month compliance period.

(3) For each TPO coating affected source, limit organic HAP emissions to no more than 0.22 lb organic HAP emitted per lb coating solids used during each 12-month compliance period.

(4) For each assembled on-road vehicle coating affected source, limit organic HAP emissions to no more than 1.34 lb organic HAP emitted per lb coating solids used during each 12-month compliance period.

(Ref. 40 CFR 63.4490(a))

3.A.44 For Emission Point AA-500, the permittee shall comply with the Compliant Material Option or the Emission Rate without Add-On Controls Option of the Emission Limit Options of 40 CFR 63.63.4491(a) and (b)) and include all coatings thinners and/or other



additives, and cleaning materials used when determining whether the organic HAP emission rate is equal to or less than the applicable emission limit in Condition 3.A.44 (40 CFR 63.4490). To make this determination, the permittee shall use at least use one of the two compliance options listed in paragraphs (a) through (b) of this condition. The permittee may apply any of the compliance options to an individual coating operation, or to multiple coating operations as a group, or to the entire affected source. The permittee may use different compliance options for different coating operations, or at different times on the same coating operation. The permittee may employ different compliance options when different coatings are applied to the same part, or when the same coating is applied to different parts. However, the permittee may not use different compliance options at the same time on the same coating operation. If the permittee switches between compliance options for any coating operation or group of coating operations, the permittee shall document this switch as required by Condition 5.C.13 (40 CFR 63.4530(c)), and shall report it in the next semiannual compliance report required in Condition 5.C.12 (40 CFR 63.4520).

- (a) *Compliant material option.* Demonstrate that the organic HAP content of each coating used in the coating operation(s) is less than or equal to the applicable emission limit in Condition 3.A.44 (40 CFR 63.4490), and that each thinner and/or other additive, and cleaning material used contains no organic HAP determined according to the requirements of the initial compliance demonstration according to 40 CFR 63.4540, 63.4541, and 63.4542
- (b) *Emission rate without add-on controls option.* Demonstrate that, based on the coatings, thinners and/or other additives, and cleaning materials used in the coating operation(s), the organic HAP emission rate for the coating operation(s) is less than or equal to the applicable emission limit in 40 CFR 63.4490, calculated as a rolling 12-month emission rate and determined on a monthly basis, according to the requirements of the initial compliance demonstration according to 40 CFR 63.4550, 63.4551, and 63.4552.

(Ref. 40 CFR 63.4491(a) and (b))

3.A.45 For Emission Point AA-500, the permittee is subject to the General Compliance Requirements and shall be in compliance with the emission limitations of Condition 3.A.44 (40 CFR 63.4490(a) at all times. (Ref. 40 CFR 63.4500(a)(1))

3.A.46 For Emission Point AA-500, the permittee shall comply with the General Provisions as defined in Table 2 of 40 CFR 63, Subpart PPPP. (Ref. 40 CFR 63.4501)

3.A.47 For Emission Point AA-500, the permittee shall comply with the following for demonstrating compliance with the Continuous Compliance Demonstration with Emission Limitations for demonstrating compliance with the Compliant Material Option:

- (a) For each compliance period to demonstrate continuous compliance, the permittee shall use no coating for which the organic HAP content (determined using Equation 1 of 40 CFR 63.4541) exceeds the applicable emission limit in Condition

3.A.44 (40 CFR 63.4490), and use no thinner and/or other additive, or cleaning material that contains organic HAP, determined according to 40 CFR 63.4541(a). A compliance period consists of 12 months. Each month, after the end of the initial compliance period described in 40 CFR 63.4540, is the end of a compliance period consisting of that month and the preceding 11 months. If the permittee is complying with a facility-specific emission limit under Condition 3.A.44 (40 CFR 63.4490(c)), the permittee shall also perform the calculation using Equation 1 in 40 CFR 63.4490(c)(2) on a monthly basis using the data from the previous 12 months of operation.

- (b) If the permittee chooses to comply with the emission limitations by using the compliant material option, the use of any coating, thinner and/or other additive, or cleaning material that does not meet the criteria specified in paragraph (a) of this section is a deviation from the emission limitations that shall be reported as specified in 40 CFF 63.4510(c)(6) and Condition 5.C.12 (63.4520(a)(5)).
- (c) As part of each semiannual compliance report required by Condition 5.C.12 (40 CFR 63.4520), the permittee shall identify the coating operation(s) for which the permittee used the compliant material option. If there were no deviations from the applicable emission limit in 40 CFR 63.4490, submit a statement that the coating operation(s) was (were) in compliance with the emission limitations during the reporting period because the permittee used no coatings for which the organic HAP content exceeded the applicable emission limit in 40 CFR 63.4490, and the permittee used no thinner and/or other additive, or cleaning material that contained organic HAP, determined according to 40 CFR 63.4541(a).
- (d) The permittee shall maintain records as specified in 40 CFR 63.4530 and 63.4531.  
(Ref. 40 CFR 63.4542)

3.A.48 For Emission Point AA-500, the permittee shall comply with the following for demonstrating compliance with the Continuous Compliance Demonstration with Emission Limitations for demonstrating compliance with the Emission Rate without Add-on Controls Option:

- (a) To demonstrate continuous compliance, the organic HAP emission rate for each compliance period, determined according to the initial compliance demonstration shall be less than or equal to the applicable emission limit in Condition 3.A.44 (40 CFR 63.4490). A compliance period consists of 12 months. Each month after the end of the initial compliance period described in 40 CFR 63.4550 is the end of a compliance period consisting of that month and the preceding 11 months. The permittee shall perform the calculations in 40 CFR 63.4551(a) through (g) on a monthly basis using data from the previous 12 months of operation.
- (b) If the organic HAP emission rate for any 12-month compliance period exceeded the applicable emission limit in Condition 3.A.44 (40 CFR 63.4490), this is a deviation from the emission limitation for that compliance period and shall be

reported as specified in 40 CFR 63.4510(c)(6) and Condition 5.C.12 (40 CFR 63.4520(a)(6)).

- (c) As part of each semiannual compliance report required by Condition 5.C.12 (40 CFR 63.4520), the permittee shall identify the coating operation(s) for which the permittee used the emission rate without add-on controls option. If there were no deviations from the emission limitations, the permittee shall submit a statement that the coating operation(s) was (were) in compliance with the emission limitations during the reporting period because the organic HAP emission rate for each compliance period was less than or equal to the applicable emission limit in 40 CFR 63.4490, determined according to 40 CFR 63.4551(a) through (g).
- (d) The permittee shall maintain records as specified in Conditions 5.C.13 and 5.C.14 (40 CFR 63.4530 and 63.4531).

(Ref. 40 CFR 63.4552)

3.A.49 For Emission Point AA-600, the permittee shall use Low VOC Content Material and utilize Good Operating/Work Practices for minimizing VOC Emissions when technically feasible. The permittee may use alternative VOC Content Materials that are technically feasible; however, this does not exempt the permittee from complying with Condition 3.A. 56 of the Federally Enforceable Permit Herein. (Ref. PSD Construction Permit Issued December 11, 2007 - BACT for VOC)

3.A.50 For Emission Point AA-600, the permittee shall limit emissions of VOC to 81.4 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)

3.A.51 For Emission Point AA-600, the permittee shall comply with the Emission Limitations as described by 40 CFR 63.3890(a).

- (a) the permittee shall limit organic HAP emissions as specified in paragraphs (a)(1) through (5), determined according to the initial compliance demonstration as described by 40 CFR 63.3941, 63.3951, or 63.3961.
  - (1) For each new general use coating affected source, limit organic HAP emissions to no more than 1.9 pound lb organic HAP per gal coating solids used during each 12-month compliance period.
  - (2) For each new high performance coating affected source, limit organic HAP emissions to no more than 27.5 lb organic HAP per gal coating solids used during each 12-month compliance period.
  - (3) For each new magnet wire coating affected source, limit organic HAP emissions to no more than 0.44 lb organic HAP per gal coating solids used during each 12-month compliance period.

- (4) For each new rubber-to-metal coating affected source, limit organic HAP emissions to no more than 6.8 lb organic HAP per gal coating solids used during each 12-month compliance period.
- (5) For each new extreme performance fluoropolymer coating affected source, limit organic HAP emissions to no more than 12.4 lb organic HAP per gal coating solids used during each 12-month compliance period.

(Ref. 40 CFR 63.3890(a))

3.A.52 For Emission Point AA-600, the permittee shall comply with the Compliant Material Option or the Emission Rate without Add-On Controls Option of the Emission Limit Options of 40 CFR 63.3891. The permittee shall include all coatings (as defined in 40 CFR 63.3981), thinners and/or other additives, and cleaning materials used in the affected source when determining whether the organic HAP emission rate is equal to or less than the applicable emission limit in Condition 3.A.52 (40 CFR 63.3890). To make this determination, the permittee shall use at least one of the two compliance options listed in paragraphs (a) through (b) of this section. The permittee shall apply any of the compliance options to an individual coating operation, or to multiple coating operations as a group, or to the entire affected source. The permittee may use different compliance options for different coating operations, or at different times on the same coating operation. The permittee may employ different compliance options when different coatings are applied to the same part, or when the same coating is applied to different parts. However, the permittee may not use different compliance options at the same time on the same coating operation. If the permittee switches between compliance options for any coating operation or group of coating operations, the permittee shall document this switch as required by Condition 5.C.17 (40 CFR 63.3930(c)), and the permittee shall report it in the next semiannual compliance report required in Condition 5.C.17 (40 CFR 63.3920).

- (a) *Compliant material option.* Demonstrate that the organic HAP content of each coating used in the coating operation(s) is less than or equal to the applicable emission limit in Condition 3.A.52 (40 CFR 63.3890), and that each thinner and/or other additive, and cleaning material used contains no organic HAP. The permittee shall meet all the requirements of the initial compliance demonstration as described by 40 CFR 63.3940, 63.3941, and 63.3942 to demonstrate compliance with the applicable emission limit using this option.
- (b) *Emission rate without add-on controls option.* Demonstrate that, based on the coatings, thinners and/or other additives, and cleaning materials used in the coating operation(s), the organic HAP emission rate for the coating operation(s) is less than or equal to the applicable emission limit in § 63.3890, calculated as a rolling 12-month emission rate and determined on a monthly basis. The permittee shall meet all the requirements of the initial compliance demonstration as described by 40 CFR 63.3950, 63.3951, and 63.3952 to demonstrate compliance with the emission limit using this option.

(Ref.: 40 CFR 63.3891(a and b))

- 3.A.53 For Emission Point AA-600, the permittee is subject to the General Compliance Requirements of the General Requirements as described by 40 CFR 63.3900 and shall be in compliance with the emission limitations at all times. (Ref. 40 CFR 63.3900 (a and b))
- 3.A.54 For Emission Point AA-600, the permittee shall comply with the General Provisions as defined in Table 2 of 40 CFR 63, Subpart MMMM. (Ref. 40 CFR 63.3901)
- 3.A.55 For Emission Point AA-600, the permittee shall comply with the following for demonstrating Continuous Compliance with the Emission Limitations for demonstrating compliance with the Compliant Material Option as described by 40 CFR 63.3942:
- (a) For each compliance period to demonstrate continuous compliance, the permittee shall use no coating for which the organic HAP content (determined using Equation 2 of 40 CFR 63.3941) exceeds the applicable emission limit in § 63.3890, and use no thinner and/or other additive, or cleaning material that contains organic HAP, determined according to 40 CFR 63.3941(a). A compliance period consists of 12 months. Each month, after the end of the initial compliance period described in 40 CFR 63.3940, is the end of a compliance period consisting of that month and the preceding 11 months. If the permittee are complying with a facility-specific emission limit under Condition 3.A.52 (40 CFR 63.3890(c)), the permittee shall also perform the calculation using Equation 1 in 40 CFR 63.3890(c)(2) on a monthly basis using the data from the previous 12 months of operation.
  - (b) If the permittee chooses to comply with the emission limitations by using the compliant material option, the use of any coating, thinner and/or other additive, or cleaning material that does not meet the criteria specified in paragraph (a) of this section is a deviation from the emission limitations that shall be reported as specified in 40 CFR 63.3910(c)(6) and Condition 5.C.17 (63.3920(a)(5)).
  - (c) As part of each semiannual compliance report required by Condition 5.C.17 (40 CFR 63.3920), the permittee shall identify the coating operation(s) for which the permittee used the compliant material option. If there were no deviations from the applicable emission limit in Condition 3.A.52 (40 CFR 63.3890), submit a statement that the coating operation(s) was (were) in compliance with the emission limitations during the reporting period because the permittee used no coatings for which the organic HAP content exceeded the applicable emission limit in Condition 3.A.52 (40 CFR 63.3890), and the permittee used no thinner and/or other additive, or cleaning material that contained organic HAP, determined according to 40 CFR 63.3941(a).
  - (d) The permittee shall maintain records as specified in 40 CFR 63.3930 and 63.3931. (Ref. 40 CFR 63.3942)
- 3.A.56 For Emission Point AA-600, the permittee shall comply with the following for demonstrating Continuous Compliance with the Emission Limitations for demonstrating compliance with the Emission Rate without Add-on Controls Option as described by 40 CFR 63.3942:

- (a) To demonstrate continuous compliance, the organic HAP emission rate for each compliance period, determined according to 40 CFR 63.3951(a) through (g), shall be less than or equal to the applicable emission limit in Condition 3.A.52 (40 CFR 63.3890). A compliance period consists of 12 months. Each month after the end of the initial compliance period described in 40 CFR 63.3950 is the end of a compliance period consisting of that month and the preceding 11 months. The permittee shall perform the calculations in 40 CFR 63.3951(a) through (g) on a monthly basis using data from the previous 12 months of operation. If the permittee is complying with a facility-specific emission limit under Condition 3.A.52 (40 CFR 63.3890(c)), the permittee shall also perform the calculation using Equation 1 in Condition 3.A.52 (40 CFR 63.3890(c)(2)) on a monthly basis using the data from the previous 12 months of operation.
- (b) If the organic HAP emission rate for any 12-month compliance period exceeded the applicable emission limit in Condition 3.A.52 (40 CFR 63.3890), this is a deviation from the emission limitation for that compliance period and shall be reported as specified in 40 CFR 63.3910(c)(6) and 63.3920(a)(6).
- (c) As part of each semiannual compliance report required by 40 CFR 63.3920, the permittee shall identify the coating operation(s) for which the permittee used the emission rate without add-on controls option. If there were no deviations from the emission limitations, the permittee shall submit a statement that the coating operation(s) was (were) in compliance with the emission limitations during the reporting period because the organic HAP emission rate for each compliance period was less than or equal to the applicable emission limit in 40 CFR 63.3890, determined according to 40 CFR 63.3951(a) through (g).
- (d) The permittee shall maintain records as specified in 40 CFR 63.3930 and 63.3931.  
(Ref. 40 CFR 63.3952)

3.A.57 For Emission Point AA-700, the permittee shall Install and Operate a Purge Solvent Recovery System on Solventborne Systems and utilize Good Work Practices to minimize Purge and Cleanup Solvent Emissions and. (Ref. PSD Construction Permit Issued December 11, 2007 - BACT for VOC)

3.A.58 For Emission Points AA-700, the permittee shall limit emissions of VOC to 267.7 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)

3.A.59 For Emission Points AA-800, the permittee shall limit emissions of VOC to 0.3 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)

3.A.60 For Emission Point AA-800, the permittee shall use Low VOC Content Material and utilize Good Operating/Work Practices for minimizing VOC Emissions when technically feasible. The permittee may use alternative VOC Content Materials that are technically

feasible; however, this does not exempt the permittee from complying with Condition 3.A. 69 of the Federally Enforceable Permit Herein. (Ref. PSD Construction Permit Issued December 11, 2007 - BACT for VOC)

3.A.61 For Emission Points AA-1100, the permittee shall limit emissions of VOC to 2.71 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)

3.A.62 For Emission Point AA-1100, the maximum permissible emission of ash and/or filterable particulate matter from each fossil fuel burning installations of less than 10 million BTU per hour heat input shall not exceed 0.6 pounds per million BTU per hour heat input. (Ref.: APC-S-1. Section 3. 4(a)1.)

3.A.63 For Emission Point AA-1100, the maximum permissible emission of ash and/or particulate matter from fossil fuel burning installations equal to or greater than 10 million BTU per hour heat input but less than 10,000 million BTU per hour heat input shall not exceed an emission rate as determined by the relationship

$$E = 0.8808 * I^{-0.1667}$$

where E is the emission rate in pounds per million BTU per hour heat input and I is the heat input in millions of BTU per hour. (Ref.: APC-S-1, Section 3.4(a)(2))

3.A.64 For Emission Point AA-1100, the permittee shall not cause the maximum discharge of filterable particulate matter to exceed 0.2 grains per standard dry cubic foot of flue gas calculated to twelve percent (12%) carbon dioxide by volume for products of combustion. (Ref. APC-S-1, Section 3.8(a))

3.A.65 For Emission Point AA-1100, the permittee shall not cause the maximum discharge of sulfur oxides from any fuel burning installations in which the fuel is burned primarily to produce heat or power by indirect heat transfer to exceed 4.8 pounds (measured as sulfur dioxide) per million BTU heat input. (Ref.: APC-S-1, Section 4.1(a))

3.A.66 For Emission Point AA-000, the permittee is subject to 40 CFR 60, Subpart Dc - Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units and shall keep records that the permittee uses natural gas only. (Ref.: 40 CFR 60.40c(a))

**B. Insignificant and Trivial Activity Emission Limitations & Standards**

Applicable Requirement	Condition Number(s)	Pollutant/ Parameter	Limit/Standard
APC-S-1, Section 3.4(a)(1)	3.A.65	PM (filterable)	0.6 lbs/MMBTU

Applicable Requirement	Condition Number(s)	Pollutant/ Parameter	Limit/Standard
APC-S-1, Section 4.1(a)	3.A.68	SO <sub>2</sub>	4.8 lbs/MMBTU



## **SECTION 4. COMPLIANCE SCHEDULE**

- 4.1 Unless otherwise specified herein, the permittee shall be in compliance with all requirements contained herein upon issuance of this permit.
- 4.2 Except as otherwise specified herein, the permittee shall submit to the Permit Board and to the Administrator of EPA Region IV a certification of compliance with permit terms and conditions, including emission limitations, standards, or work practices, by January 31 for the preceding calendar year. Each compliance certification shall include the following:
- (a) the identification of each term or condition of the permit that is the basis of the certification;
  - (b) the compliance status;
  - (c) whether compliance was continuous or intermittent;
  - (d) the method(s) used for determining the compliance status of the source, currently and over the applicable reporting period;
  - (e) such other facts as may be specified as pertinent in specific conditions elsewhere in this permit. (Ref.: APC-S-6, Section III.C.5.a.,c.,&d.)
- 4.3 The permittee shall submit progress reports consistent with an applicable schedule of compliance and Section II.C.8. of Regulation APC-S-6 semiannually, or at such other frequency as is specified in an applicable requirement or by the Permit Board. Such progress reports shall contain the following:
- (a) dates for achieving the activities, milestone(s), or compliance required in the schedule of compliance, and dates when such activities, milestone(s) or compliance were achieved; and
  - (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.

## SECTION 5. MONITORING, RECORDKEEPING & REPORTING REQUIREMENTS

### A. General Monitoring, Recordkeeping and Reporting Requirements

- 5.A.1 The permittee shall install, maintain, and operate equipment and/or institute procedures as necessary to perform the monitoring and recordkeeping specified below.
- 5.A.2 In addition to the recordkeeping specified below, the permittee shall include with all records of required monitoring information the following:
- (a) the date, place as defined in the permit, and time of sampling or measurements;
  - (b) the date(s) analyses were performed;
  - (c) the company or entity that performed the analyses;
  - (d) the analytical techniques or methods used;
  - (e) the results of such analyses; and
  - (f) the operating conditions existing at the time of sampling or measurement. (Ref.: APC-S-6, Section III.A.3.b.(1)(a)-(f))
- 5.A.3 Except where a longer duration is specified in an applicable requirement, the permittee shall retain records of all required monitoring data and support information for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records, all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit. (Ref.: APC-S-6, Section III.A.3.b.(2))
- 5.A.4 Except as otherwise specified herein, the permittee shall submit reports of any required monitoring by July 31 and January 31 for the preceding six-month period. All instances of deviations from permit requirements shall be clearly identified in such reports and all required reports shall be certified by a responsible official consistent with APC-S-6, Section II.E. (Ref.: APC-S-6, Section III.A.3.c.(1))
- 5.A.5 Except as otherwise specified herein, the permittee shall report all deviations from permit requirements, including those attributable to upsets, the probable cause of such deviations, and any corrective actions or preventive measures taken. Said report shall be made within five (5) days of the time the deviation began. (Ref.: APC-S-6, Section III.A.3.c.(2))

- 5.A.6 Except as otherwise specified herein, the permittee shall perform emissions sampling and analysis in accordance with EPA Test Methods and with any continuous emission monitoring requirements, if applicable. All test methods shall be those versions or their equivalents approved by the DEQ and the EPA.
- 5.A.7 The permittee shall maintain records of any alterations, additions, or changes in equipment or operation.

**B. Specific Monitoring and Recordkeeping Requirements**

Emission Point	Pollutant/ Parameter Monitored	Monitoring/Recordkeeping Requirement	Condition Number	Applicable Requirement
AA-000  (Plantwide)	Opacity	Monitoring and Monthly Recordkeeping of weekly Visual Emission Monitoring (VEM) Observations	5.B.1	PSD Construction Permit Issued December 11, 2007
	Preventative Maintenance	Monitoring and Monthly Recordkeeping of Regular Maintenance	5.B.2	
	CAM	Compliance through NSPS, BACT, and MACT Monitoring Requirements	5.B.3	40 CFR 64.3(a) and (b), 64.6, 64.7, 64.8, and 64.9,
AA-100  (Natural Gas Fired Combustion)	PM/PM10	Monitoring and Monthly Recordkeeping of PM/PM10 Emissions	5.B.4	PSD Construction Permit Issued December 11, 2007
	VOC	Monitoring and Monthly Recordkeeping of VOC Emissions	5.B.5	
	NOx	Monitoring and Monthly Recordkeeping of NOx Emissions	5.B.6	
	CO	Monitoring and Monthly Recordkeeping of CO Emissions	5.B.7	
	SO2	Monitoring and Monthly Recordkeeping of SO2 Emissions	5.B.8	
	BACT PM/PM10	Monitoring of Good Combustion Practices and Monthly Recordkeeping of Fuel Quality and Quantity	5.B.9	
	BACT VOC			
	BACT NOx			
	BACT CO			
AA-112 (Boilers)	HAPs	Monitoring and Monthly Recordkeeping Certifying that only Natural Gas was combusted	5.B.10	40 CFR 63.8 and 40 CFR 63.10(b)(1) via Case-by-Case MACT
AA-202 (Fire Pumps)	Monitoring	Monitoring Requirements	5.B.11	40 CFR 60.4209
AA-202 (Fire Pumps)	Compliance	Monitoring for Demonstrating Compliance Requirements	5.B.12	40 CFR 60.4211(a), (b)(1), (c), and (e)
AA-201 (Emergency Generators)			5.B.19	40 CFR 60.4243(b)(2)(i)

Emission Point	Pollutant/ Parameter Monitored	Monitoring/Recordkeeping Requirement	Condition Number	Applicable Requirement
<b>AA-200</b> <i>(Emergency Support Equipment)</i>	<b>BACT PM/PM10</b>	Monitoring and Monthly Recordkeeping of PM/PM10 Emissions	<b>5.B.4</b>	<b>PSD Construction Permit Issued December 11, 2007</b>
	<b>BACT VOC</b>	Monitoring and Monthly Recordkeeping of VOC Emissions	<b>5.B.5</b>	
	<b>BACT NO<sub>x</sub></b>	Monitoring and Monthly Recordkeeping of NO <sub>x</sub> Emissions	<b>5.B.6</b>	
	<b>CO</b>	Monitoring and Monthly Recordkeeping of CO Emissions	<b>5.B.7</b>	
	<b>BACT SO<sub>2</sub></b>	Monitoring and Monthly Recordkeeping of SO <sub>2</sub> Emissions	<b>5.B.8</b>	
<b>AA-300</b> <i>(Bulk Liquid Storage Tanks)</i>	<b>VOC BACT</b>	Monitoring and Monthly Recordkeeping of Certification of Vapor Control Usage and Good Operating/Work Practices	<b>5.B.13</b>	<b>PSD Construction Permit Issued December 11, 2007</b>
	<b>Stage I Vapor Control (Gasoline Tank Only)</b>			
	<b>VOC</b>	Monitoring and Monthly Recordkeeping of VOC Emissions	<b>5.B.5</b>	
<b>AA-400</b> <i>(Stamping Plant and Welding Shop)</i>	<b>PM/PM10</b>	Monitoring and Monthly Recordkeeping of PM/PM10 Emissions	<b>5.B.4</b>	<b>PSD Construction Permit Issued December 11, 2007</b>
	<b>VOC</b>	Monitoring and Monthly Recordkeeping of VOC Emissions	<b>5.B.5</b>	
<b>AA-401</b> <i>(Stamping Plant)</i>	<b>BACT VOC</b>	Monitoring and Monthly Recordkeeping Certification of Low VOC Content Materials	<b>5.B.14</b>	<b>PSD Construction Permit Issued December 11, 2007</b>
<b>AA-402</b> <i>(Welding Shop)</i>	<b>PM/PM10 BACT</b>	Monitoring and Monthly Recordkeeping of Certification of Baghouse/Dry Filter Maintenance and Good Operating/Work Practices	<b>5.B.15</b>	<b>PSD Construction Permit Issued December 11, 2007</b>
<b>AA-500</b> <i>(Plastic Shop)</i>	<b>BACT VOC</b>	Monitoring and Monthly Recordkeeping Certification of Low VOC Content Materials	<b>5.B.14</b>	<b>PSD Construction Permit Issued December 11, 2007</b>
	<b>VOC</b>	Monitoring and Monthly Recordkeeping of VOC Emissions	<b>5.B.5</b>	

Emission Point	Pollutant/ Parameter Monitored	Monitoring/Recordkeeping Requirement	Condition Number	Applicable Requirement
<b>AA-500</b> <i>(Plastic Shop)</i>	<b>PM/PM10</b>	Monitoring and Monthly Recordkeeping of PM/PM10 Emissions	<b>5.B.4</b>	PSD Construction Permit Issued December 11, 2007
<b>AA-501</b> <i>(Interior Parts) and</i> <b>AA-502</b> <i>(Exterior Parts)</i>	<b>PM/PM10 BACT</b>	Monitoring and Monthly Recordkeeping of Certification Dry Filtration System and/or Wet Scrubber System, and Good Operating/Work Practices	<b>5.B.15</b>	PSD Construction Permit Issued December 11, 2007
	<b>VOC BACT</b>	Monitoring and Monthly Recordkeeping of VOC Quality and Quantity	<b>5.B.16</b>	
	<b>VOC</b>	Monitoring and Monthly Recordkeeping of VOC Emissions	<b>5.B.5</b>	
<b>AA-503</b> <i>(Injection and Slush Molding)</i>	<b>VOC BACT</b>	Monitoring and Monthly Recordkeeping of Certification of Good Operating/Work Practices for minimizing Mold Release	<b>5.B.17</b>	PSD Construction Permit Issued December 11, 2007
	<b>VOC</b>	Monitoring and Monthly Recordkeeping of VOC Emissions	<b>5.B.5</b>	
<b>AA-600</b> <i>(Miscellaneous Metal Coating)</i>	<b>VOC BACT</b>	Monitoring and Monthly Recordkeeping Certification of Low VOC Content Materials	<b>5.B.14</b>	PSD Construction Permit Issued December 11, 2007
	<b>VOC</b>	Monitoring and Monthly Recordkeeping of VOC Emissions	<b>5.B.5</b>	
<b>AA-700</b> <i>(Misc. Process Cleaning)</i>	<b>VOC BACT</b>	Monitoring and Monthly Recordkeeping of Certification of Good Operating/Work Practices	<b>5.B.18</b>	PSD Construction Permit Issued December 11, 2007
	<b>VOC</b>	Monitoring and Monthly Recordkeeping of VOC Emissions	<b>5.B.5</b>	
<b>AA-800</b> <i>(Adhesive Application)</i>	<b>VOC BACT</b>	Monitoring and Monthly Recordkeeping Certification of Low VOC Content Materials	<b>5.B.14</b>	PSD Construction Permit Issued December 11, 2007
	<b>VOC</b>	Monitoring and Monthly Recordkeeping of VOC Emissions	<b>5.B.5</b>	
<b>AA-1100</b> <i>(Miscellaneous Insignificant Support Activities/ Operations)</i>	<b>VOC</b>	Monitoring and Monthly Recordkeeping of VOC Emissions	<b>5.B.5</b>	PSD Construction Permit Issued December 11, 2007

- 5.B.1 For Emission Point AA-000, the permittee shall perform and maintain sufficient records to document weekly Visual Emission Evaluations (VEEs/Observations) for demonstrating compliance with Condition III.1 of the permit herein. If visible emissions are observed from any stack, excluding uncombined water droplets, the permittee shall perform EPA Method 9 on that emission point for determining compliance with the aforementioned Condition. (Ref.: PSD Construction Permit Issued December 11, 2007)
- 5.B.2 For Emission Point AA-000, the permittee shall perform and maintain sufficient monthly records to document preventative maintenance, inspections of air pollution control equipment, and calibrations performed as necessary to maintain proper operation of equipment and monitoring devices. These records shall be kept in log form and made available for review upon request during any inspection visit by DEQ personnel. (PSD Construction Permit Issued December 11, 2007)
- 5.B.3 For Emission Point AA-000, the permittee is subject to the Compliance Assurance Monitoring Provisions of 40 CFR 64.3(a) and (b), 64.6, 64.7, 64.8, and 64.9, and shall demonstrate compliance through the Emission Point Specific New Source Performance Standards (NSPS), Best Available Control Technology (BACT) determinations, and Maximum Available Control Technology (MACT) requirements. (PSD Construction Permit Issued December 11, 2007)
- 5.B.4 For Emission Point AA-100, AA-200, AA-400, AA-500, the permittee shall determine compliance with PM/PM<sub>10</sub> emissions and maintain sufficient monthly records to document:
- (a) The permittee may utilize data supplied by the manufacturer, an approved EPA Test Method, an approved EPA AP-42 Emission Factor, or by utilizing the following Formula Calculation for analysis of emissions:  $\text{PM Emissions (lbs/hr)} = \text{Paint Usage (gal/hr)} \times \text{Paint Density (lbs/gal)} \times \text{Solids Content (weight fraction)} \times (1 - \text{Transfer Efficiency in percent}/100) \times (1 - \text{Control Efficiency in percent}/100)$
  - (b) The permittee shall also calculate the PM emissions from the use of one or more of these methods each month and compare the emissions to those allowed Conditions 3.A.8, 3.A.17, 3.A.32, and 3.A.36 of the permit herein.
  - (c) If the permittee chooses to comply with this requirement by utilizing the PM Formula Calculation, the permittee shall also maintain the following data to support these calculations:
    - (1) The type and quantity in gallons and weight in pounds of each coating material during each calendar month
    - (2) The density of coating (lbs/gal)
    - (3) The solids content (weight fraction)

If the permittee is able to demonstrate compliance with the above requirements utilizing data obtained from demonstrating compliance with one or more of the applicable NSPS and/or MACT standards, then the permittee may utilize said data in lieu of the above requirements as long as the permittee can demonstrate all of the pollutant specific emission limitations/requirements described in Conditions 3.A.8, 3.A.17, 3.A.32, and 3.A.36 have been met.

(Ref.: PSD Construction Permit Issued December 11, 2007)

- 5.B.5 For Emission Point AA-100, AA-200, AA-300, AA-400, AA-500, AA-501, AA-502, AA-503, AA-600, AA-700, AA-800, and AA-1100, the permittee shall determine for each coating, adhesive, solvent or other Volatile Organic Compound (VOC) and Hazardous Air Pollutant (HAP) containing material and/or compound used. The permittee may utilize data supplied by the manufacturer, or analysis of VOC and HAP content by EPA Test Method 24 and/or 311, 40 CFR 60, Appendix A. The permittee shall maintain sufficient monthly records to document:

- (a) Quantity used (gal or lbs)
- (b) The percentage of VOC's and HAP's by weight
- (c) The density (lbs/gal), unless material usages are measured in lbs
- (e) The permittee shall calculate the VOC and HAP emissions from the use of these materials each month and compare the VOC emissions to those allowed under Conditions 3.A.9, 3.A.18, 3.A.30, 3.A.33, 3.A.37, 3.A.50, 3.A.58, and 3.A.59, and 3.A.61 of the permit herein.

If the permittee is able to demonstrate compliance with the above requirements utilizing data obtained from demonstrating compliance with one or more of the applicable NSPS and/or MACT standards, then the permittee may utilize said data in lieu of the above requirements as long as the permittee can demonstrate all of the pollutant specific emission limitations/requirements described in Conditions 3.A.9, 3.A.18, 3.A.30, 3.A.33, 3.A.37, 3.A.50, 3.A.58, and 3.A.59, and 3.A.61 have been met.

(Ref.: PSD Construction Permit Issued December 11, 2007)

- 5.B.6 For Emission Point AA-100 and AA-200, the permittee shall determine the following for NO<sub>x</sub> emissions and maintain sufficient monthly records to document:

- (a) The permittee may utilize data supplied by the manufacturer, an approved EPA Test Method, or an approved EPA AP-42 Emission Factor for analysis of emissions and;
- (b) The permittee shall calculate the NO<sub>x</sub> emissions from the use of one or more of these methods each month and compare the emissions to those allowed under Conditions



3.A.10, 3.A.15, and 3.A.19, of the permit herein.

If the permittee is able to demonstrate compliance with the above requirements utilizing data obtained from demonstrating compliance with one or more of the applicable NSPS and/or MACT standards, then the permittee may utilize said data in lieu of the above requirements as long as the permittee can demonstrate all of the pollutant specific emission limitations/requirements described in Conditions 3.A.10, 3.A.15, and 3.A.19 have been met.

(Ref.: PSD Construction Permit Issued December 11, 2007)

- 5.B.7 For Emission Point AA-100 and AA-200, the permittee shall determine the CO Emission Rate by utilizing data obtained from either Stack/Performance Testing, Natural Gas Usage Records, or any other data necessary to determine the Emission Rate as determined for each consecutive 12-month period. If the permittee is able to demonstrate compliance with these requirements utilizing data obtained from demonstrating compliance with one or more of the applicable NSPS and/or MACT standards, then the permittee may utilize said data in lieu of the above requirements as long as the permittee can demonstrate all of the pollutant specific emission limitations/requirements described in Conditions 3.A.11 and 3.A.20 have been met. (PSD Construction Permit Issued December 11, 2007)
- 5.B.8 For Emission Point AA-100 and AA-200, the permittee shall determine the SO<sub>2</sub> Emission Rate by utilizing data obtained from Stack/Performance Testing, Natural Gas Usage Records, and any other data necessary to determine the Emission Rate as determined for each consecutive 12-month period. If the permittee is able to demonstrate compliance with the these requirements utilizing data obtained from demonstrating compliance with one or more of the applicable NSPS and/or MACT standards, then the permittee may utilize said data in lieu of the above requirements as long as the permittee can demonstrate all of the pollutant specific emission limitations/requirements described in Conditions 3.A.12 and 3.A.21 have been met. (PSD Construction Permit Issued December 11, 2007)
- 5.B.9 For Emission Point AA-100, the permittee shall monitor and maintain sufficient monthly records indicating that the Good Combustion Practices were utilized for demonstrating compliance with Condition 3.A.7 (BACT Limits for PM/PM<sub>10</sub>, VOC, NO<sub>x</sub>, and CO) of the permit herein. (Ref. PSD Construction Permit Issued December 11, 2007)
- 5.B.10 For Emission Point AA-112, the permittee shall monitor and maintain sufficient monthly records Certifying that only Natural Gas was combusted. (40 CFR 63.8 and 63.10(b)(1) via Case-by-Case MACT)
- 5.B.11 For Emission Point AA-202, the permittee shall install a non-resettable hour meter prior to startup of the engine. In addition, the permittee shall also meet the monitoring requirements specified in 40 CFR 60.4211. (Ref. 40 CFR 60.4209(a))
- 5.B.12 For Emission Point AA-202, the permittee shall comply with the following for demonstrating compliance with 40 CFR 60, Subpart III:

- (a) The permittee shall operate and maintain the stationary CI internal combustion engine and control device according to the manufacturer's written instructions or procedures developed by the permittee that are approved by the engine manufacturer. In addition, the permittee may only change those settings that are permitted by the manufacturer. The permittee shall also meet the requirements of 40 CFR parts 89, 94 and/or 1068, as they apply.
- (b) The permittee shall purchase an engine certified to the emission standards in 40 CFR 60.4205(b) or (c), as applicable, for the same model year and maximum (or in the case of fire pumps, NFPA nameplate) engine power. The engine shall be installed and configured according to the manufacturer's specifications.
- (c) Emergency stationary ICE may be operated for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State, or local government, the manufacturer, the vendor, or the insurance company associated with the engine. Maintenance checks and readiness testing of such units is limited to 100 hours per year. There is no time limit on the use of emergency stationary ICE in emergency situations. The permittee may petition the DEQ for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the permittee maintains records indicating that Federal, State, or local standards require maintenance and testing of emergency ICE beyond 100 hours per year. For owners and operators of emergency engines meeting standards under 40 CFR 60.4205, any operation other than emergency operation, and maintenance and testing as permitted in this section, is prohibited.

(Ref. 40 CFR 60.4211(a), (b)(1), (c), and (e))

5.B.13 For Emission Point AA-300, the permittee shall maintain sufficient monthly records to document the usage of a Stage I Vapor Control and Good Operating/Work Practices for demonstrating compliance with Condition 3.A.30 of the permit herein. (PSD Construction Permit Issued December 11, 2007)

5.B.14 For Emission Point AA-401, AA-500, AA-503, AA-600, and AA-800, the permittee shall perform and maintain sufficient monthly records to document that Low VOC Content Material and/or Low VOC Rust Preventative Oil was utilized when technically feasible, along with Good Operating/Work Practices for minimizing VOC Emissions. These records shall be in the form of the following Good Work Practice Certification Statement which may be developed by the Facility and certified by the Responsible Official in the semi-annual report submittals:

"Based upon my inquiry of the person or persons directly responsible for managing compliance with the permit limitations described in Conditions 3.A.34, 3.A.38, 3.A.42, 3.A.49, and 3.A.60, of the PSD Construct Permit Issued on December 11, 2007 for Emission Points AA-401a, AA-401b, AA-500, AA-600, and AA-800, I certify that, to the best of my knowledge and belief, Good Work Practices have been utilized for the usage Low VOC Content Material and/or Low VOC Rust Preventative Oil was utilized when technically feasible for minimizing VOC Emissions. I further certify that this facility is maintaining

sufficient records to demonstrate this upon a site inspection visit or request by any DEQ personnel."

(Ref.: PSD Construction Permit Issued December 11, 2007)

- 5.B.15 For Emission Point AA-402, AA-501, and AA-502, the permittee shall perform and maintain sufficient records to document Baghouse, Dry Filter Pressure Drop, Dry Filter System, Dry Filtration, Wet Filtration, and/or Wet Scrubber Usage, along with Good Operating/Work Practices that the control equipment is being operated in a manner consistent with vendor certification and manufacturer design and specifications for minimizing PM/PM10 Emissions. These records shall be in the form of the following Good Work Practice Certification Statement which may be developed by the facility and certified by the Responsible Official in the semi-annual report submittals:

"Based upon my inquiry of the person or persons directly responsible for managing compliance with the permit limitations described in Conditions 3.A.35, 3.A.39, and 3.A.40 of the PSD Permit to Construct Issued on December 11, 2007 for Emission Points AA-402, I certify that, to the best of my knowledge and belief, Preventative Maintenance of the control equipment is being performed in a manner consistent with vendor certification and manufacturer design and specifications. I further certify that this facility is maintaining sufficient records to demonstrate this upon a site inspection visit or request by any DEQ personnel."

(Ref.: PSD Construction Permit Issued December 11, 2007)

- 5.B.16 For Emission Point AA-501 and AA-502, the permittee shall determine for each coating, adhesive, solvent or other Volatile Organic Compound (VOC) containing material used and maintain sufficient monthly records to document:

- (a) Quantity used (gal or lbs)
- (b) The percentage of VOC's by weight
- (c) The density (lbs/gal), unless material usages are measured in lbs
- (d) The permittee may utilize data supplied by the manufacturer, or analysis of VOC content by EPA Test Method 24 and/or 311, 40 CFR 60, Appendix A.
- (e) The permittee shall calculate the VOC emissions from the use of these materials each month and compare the VOC emissions to those allowed under Condition 3.A.41 of the permit herein.

(Ref.: PSD Construction Permit Issued December 11, 2007)

- 5.B.17 For Emission Point AA-503, the permittee shall perform and maintain sufficient monthly records to document that Good Operating/Work Practices for minimizing Mold Release.

These records shall be in the form of the following Good Work Practice Certification Statement which may be developed by the facility and certified by the Responsible Official in the semi-annual report submittals:

"Based upon my inquiry of the person or persons directly responsible for managing compliance with the permit limitations described in Condition 3.A.42 of the PSD Construct Permit Issued on December 11, 2007 for Emission Points AA-503, I certify that, to the best of my knowledge and belief, Good Work Practices have been utilized for minimizing Mold Release. I further certify that this facility is maintaining sufficient records to demonstrate this upon a site inspection visit or request by any DEQ personnel."

(Ref.: PSD Construction Permit Issued December 11, 2007)

- 5.B.18 For Emission Point AA-700, the permittee shall perform and maintain sufficient records to document Good Operating/Work Practices have been utilized for minimizing VOC emissions. These records shall be in the form of the following Good Work Practice Certification Statement which may be developed by the facility and certified by the Responsible Official in the semi-annual report submittals:

"Based upon my inquiry of the person or persons directly responsible for managing compliance with the permit limitations described in Condition 3.A.57 of the PSD Construction Permit Issued on December 11, 2007, for Emission AA-700, I certify that, to the best of my knowledge and belief, Good Operating/Work Practices have been utilized for minimizing VOC emissions. I further certify that this facility is maintaining sufficient records to demonstrate this upon a site inspection visit or request by any DEQ personnel."

(Ref.: PSD Construction Permit Issued December 11, 2007)

- 5.B.19 For Emission Point AA-201, the permittee shall comply with the emission standards specified in 40 CFR 4233(e) and shall demonstrate compliance by complying with the emission standards specified in 40 CFR 60.4233(e) according to the requirements specified in 40 CFR 60.4244. The permittee shall also keep a maintenance plan and records of conducted maintenance and shall, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions. In addition, the permittee shall conduct an initial performance test to demonstrate compliance. (Ref.: 40 CFR 60.4243(b)(2)(i))

C. Specific Recordkeeping and Reporting Requirements

Emission Point	Pollutant/Parameter Monitored	Recordkeeping/Reporting Requirement	Condition Number	Applicable Requirement
AA-000 (Plantwide)	Opacity	Semi-Annual Reports providing exceedances of weekly VEMs.	5.C.1	PSD Construction Permit Issued December 11, 2007
AA-100 (Natural Gas Fired Combustion)	PM/PM10	Semi-Annual Reports providing the Emission Rate	5.C.2	PSD Construction Permit Issued December 11, 2007
	VOC		5.C.3	
	NOx		5.C.4	
	CO		5.C.5	
	SO2		5.C.6	
	PM/PM10 BACT	Semi-Annual Reports providing the Fuel Quality and Quantity	5.C.7	
	VOC BACT			
	NOx BACT			
	CO BACT			
AA-112 (Boilers)	HAPs	Semi-Annual Reports providing Certification that only Natural Gas was combusted.	5.C.8	40 CFR 63.10(d)(1) via Case-by-Case MACT
	NSPS	Recordkeeping and Reporting Requirements	5.C.19	40 CFR 60.48c(a)(1), (g)(2), (i), and (j)
AA-202 (Fire Pumps)	Initial and Continuous	Notification, Recordkeeping, and Reporting Requirements	5.C.9	40 CFR 60.4214(b) and (c)
AA-201 (Generators)			5.C.10	40 CFR 60.4245
AA-200 (Emergency Support Equipment)	PM/PM10 BACT	Semi-Annual Reports providing the Emission Rate	5.C.2	PSD Construction Permit Issued December 11, 2007
	VOC BACT		5.C.3	
	NOx BACT		5.C.4	
	CO		5.C.5	
	SO <sub>2</sub> BACT		5.C.6	

Emission Point	Pollutant/Parameter Monitored	Recordkeeping/Reporting Requirement	Condition Number	Applicable Requirement
AA-300 (Bulk Liquid Storage Tanks)	Records	Accessibility of Records	5.C.11	PSD Construction
	VOC	Semi-Annual Reports providing the Emission Rate	5.C.3	Permit Issued December 11, 2007
AA-400 (Stamping and Welding Shops)	PM/PM10	Semi-Annual Reports providing the Emission Rate	5.C.2	PSD Construction Permit Issued December 11, 2007
	VOC	Semi-Annual Reports providing the Emission Rate	5.C.3	
AA-500 (Plastic Shop)	VOC	Semi-Annual Reports providing the Emission Rate	5.C.3	PSD Construction Permit Issued December 11, 2007
	PM/PM10	Semi-Annual Reports providing the Emission Rate	5.C.2	
	Semi-Annual Performance Testing	Reporting Requirements	5.C.12	40 CFR 63.4520(a)(1 thru 6)
	Records	Recordkeeping Requirements	5.C.13	40 CFR 63.4530 (a thru h)
		Form and Duration	5.C.14	40 CFR 63.4531
AA-501 (Interior Parts) and AA-502 (Exterior Parts)	VOC	Semi-Annual Reports providing the Emission Rate	5.C.3	PSD Construction Permit Issued December 11, 2007
	VOC BACT	Semi-Annual Reports providing the VOC Quality and Quantity	5.C.15	
AA-503 (Injection and Slush Molding)	VOC	Semi-Annual Reports providing the Emission Rate	5.C.3	PSD Construction Permit Issued December 11, 2007
AA-600 (Miscellaneous Metal Coating)	VOC	Semi-Annual Reports providing the Emission Rate	5.C.3	PSD Construction Permit Issued December 11, 2007
	Semi-Annual Performance Testing	Reporting Requirements	5.C.16	40 CFR 63.3920(a)
	Records	Recordkeeping Requirements	5.C.17	40 CFR 63.3930 (a thru j)
		Form and Duration	5.C.18	40 CFR 63.3931
AA-700 (Miscellaneous Process Cleaning)	VOC	Semi-Annual Reports providing the Emission Rate	5.C.3	PSD Construction Permit Issued December 11, 2007

Emission Point	Pollutant/Parameter Monitored	Recordkeeping/Reporting Requirement	Condition Number	Applicable Requirement
AA-800 (Adhesive Operation)	VOC	Semi-Annual Reports providing the Emission Rate	5.C.3	PSD Construction Permit Issued December 11, 2007
AA-1100 (Miscellaneous Insignificant Support Activities /Operations)	VOC	Semi-Annual Reports providing the Emission Rate	5.C.3	PSD Construction Permit Issued December 11, 2007

- 5.C.1 For Emission Point AA-000, the permittee shall submit semi-annual reports providing exceedances of weekly Visual Emission Evaluations. The report shall be submitted no later than 30 days from the semi-annual periods ending June 30 and December 31. (Ref.: PSD Construction Permit Issued December 11, 2007)
- 5.C.2 For Emission Point AA-100, AA-200, AA-400, and AA-500, the permittee shall submit semi-annual reports providing the Particulate Matter/Particulate Matter-10 (PM/PM10) Emission Rates in accordance with the requirements of Condition 5.B.4 or demonstrating compliance with the emissions limitations of Conditions 3.A.8, 3.A.17, 3.A.32, and 3.A.36 of the permit herein. These reports shall be submitted no later than 30 days from the semi-annual periods ending June 30 and December 31. (Ref.: PSD Construction Permit Issued June 5, 2007)
- 5.C.3 For Emission Point AA-100, AA-200, AA-300, AA-400, AA-500, AA-501, AA-502, AA-503, AA-600, AA-700, AA-800, and AA-1100, the permittee shall submit semi-annual reports providing the Volatile Organic Compound (VOC) emission rates in accordance with the requirements of Condition 5.B.5, 5.B.13, 5.B.14, 5.B.16, and 5.B.17 for demonstrating compliance with the emissions limitations of Conditions 3.A.9, 3.A.18, 3.A.31, 3.A.33, 3.A.34, 3.A.37, 3.A.38, 3.A.39, 3.A.41, 3.A.42, 3.A.49, 3.A.50, 3.A.57, 3.A.58, 3.A.59, 3.A.60, and 3.A.61, of the permit herein. These reports shall be submitted no later than 30 days from the semi-annual periods ending June 30 and December 31. (Ref.: PSD Construction Permit Issued December 11, 2007)
- 5.C.4 For Emission Point AA-100 and AA-200, the permittee shall submit semi-annual reports providing the Nitrogen Oxide (NO<sub>x</sub>) emission rates in accordance with the requirements of Condition 5.B.6 for demonstrating compliance with the emissions limitations of Condition 3.A.10 and 3.A.19 of the permit herein. These reports shall be submitted no later than 30 days from the semi-annual periods ending June 30 and December 31. (Ref.: PSD Construction Permit Issued December 11, 2007)
- 5.C.5 For Emission Point AA-100 and AA-200, the permittee shall submit semi-annual reports providing the Carbon Monoxide (CO) emission rates in accordance with the requirements of Condition 5.B.7 for demonstrating compliance with the emissions limitations of Conditions 3.A.11 and 3.A.20 of the permit herein. These reports shall be submitted no later than 30 days from the semi-annual periods ending June 30 and December 31. (Ref.: PSD Construction Permit Issued December 11, 2007)
- 5.C.6 For Emission Point AA-100 and AA-200, the permittee shall submit semi-annual reports providing the Sulfur Dioxide (SO<sub>2</sub>) emission rates in accordance with the requirements of Condition 5.B.8 for demonstrating compliance with the emissions limitations of Conditions 3.A.12 and 3.A.21 of the permit herein. These reports shall be submitted no later than 30 days from the semi-annual periods ending June 30 and December 31. (Ref.: PSD Construction Permit Issued December 11, 2007)



- 5.C.7 For Emission Point AA-100, the permittee shall submit semi-annual reports providing the Quality and Quantity of Fuel Combusted in accordance with Condition 5.B.9 of the permit herein. These reports shall be submitted no later than 30 days from the semi-annual periods ending June 30 and December 31. (PSD Construction Permit Issued December 11, 2007)
- 5.C.8 For Emission Point AA-112, the permittee shall submit semi-annual reports certifying that only Natural Gas was combusted. (Ref. 40 CFR 63.10(d)(1) via Case- by-Case MACT)
- 5.C.9 For Emission Point AA-202, the permittee shall keep records of any corrective action taken after the backpressure monitor has notified the permittee that the high backpressure limit of the engine is approached since the engine has been equipped with a diesel particulate filter. (Ref. 40 CFR 60.4214(b) and (c))
- 5.C.10 For Emission Point AA-201, the permittee shall comply with the following notification, recordkeeping and reporting requirements:
- (a) The permittee shall maintain records of the information in paragraphs (a)(1) through (3).
    - (1) All notifications submitted to comply with this 40 CFR 60, Subpart JJJJ and all documentation supporting any notification.
    - (2) Maintenance conducted on the engine.
    - (3) Documentation that the engine meets the emission standards.
  - (b) The permittee shall submit a copy of the initial performance test as conducted in 40 CFR 60.4244 within 60 days after the test has been completed.
- (Ref.: 40 CFR 60.4245(a)(1), (a)(2), and (a)(4) and (d))
- 5.C.11 For Emission Point AA-300, the permittee shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel as well as any additional controls installed by the permittee. (Ref.: PSD Construction Permit Issued December 11, 2007)
- 5.C.12 For Emission Points AA-500, the permittee shall comply with the following Semi-Annual Reporting Requirements and Performance Testing Reporting Requirements as described by 40 CFR 63.4520:
- (a) *Semiannual compliance reports.* The permittee shall submit semiannual compliance reports for each affected source according to the requirements of paragraphs (a)(1) through (7) of this section. The semiannual compliance reporting requirements may be satisfied by reports required under other parts of the Clean Air Act (CAA), as specified in paragraph (a)(2) of this section.

- (1) *Dates.* The permittee shall prepare and submit each semiannual compliance report according to the dates specified in paragraphs (a)(1)(i) through (iv) of this section. Note that the information reported for each of the months in the reporting period will be based on the last 12 months of data prior to the date of each monthly calculation.
  - (i) The first semiannual compliance report shall cover the first semiannual reporting period which begins the day after the end of the initial compliance period described in the initial compliance demonstration (40 CFR 63.4540, 63.4550, or 63.4560) that applies to the affected source and ends on June 30 or December 31, whichever date is the first date following the end of the initial compliance period.
  - (ii) Each subsequent semiannual compliance report shall cover the subsequent semiannual reporting period from January 1 through June 30 or the semiannual reporting period from July 1 through December 31.
  - (iii) Each semiannual compliance report shall be postmarked or delivered no later than July 31 or January 31, whichever date is the first date following the end of the semiannual reporting period.
  - (iv) The permittee shall submit semiannual reports according to the semiannual reports of the Title V Operating Permit pursuant to 40 CFR 70.6(a)(3)(iii)(A) according to the dates the permitting authority has established herein.
- (2) *Inclusion with title V report.* Each affected source shall report all deviations as defined in this subpart in the semiannual monitoring report required by 40 CFR 70.6(a)(3)(iii)(A) according to the dates the permitting authority has established herein. If an affected source submits a semiannual compliance report pursuant to this section along with, or as part of, the semiannual monitoring report required by 40 CFR 70.6(a)(3)(iii)(A) and the semiannual compliance report includes all required information concerning deviations from any emission limitation in this subpart, its submission will be deemed to satisfy any obligation to report the same deviations in the semiannual monitoring report. However, submission of a semiannual compliance report shall not otherwise affect any obligation the affected source may have to report deviations from permit requirements to the permitting authority.
- (3) *General requirements.* The semiannual compliance report shall contain the information specified in paragraphs (a)(3)(i) through (vii) of this section, and the information specified in paragraphs (a)(4) through (7) and (c)(1) of this section that is applicable to the affected source.
  - (i) Company name and address.

- (ii) Statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report.
  - (iii) Date of report and beginning and ending dates of the reporting period. The reporting period is the 6-month period ending on June 30 or December 31. Note that the information reported for each of the 6 months in the reporting period will be based on the last 12 months of data prior to the date of each monthly calculation.
  - (iv) Identification of the compliance option or options specified in 40 CFR 63.4491 that the permittee used on each coating operation during the reporting period. If the permittee switched between compliance options during the reporting period, the permittee shall report the beginning and ending dates for each option the permittee used.
  - (v) If the permittee used the emission rate without add-on controls compliance option (40 CFR 63.4491(b)), the calculation results for each rolling 12-month organic HAP emission rate during the 6-month reporting period.
  - (vi) If the permittee used the predominant activity alternative (40 CFR 63.4490(c)(1)), include the annual determination of predominant activity if it was not included in the previous semi-annual compliance report.
  - (vii) If the permittee used the facility-specific emission limit alternative (40 CFR 63.4490(c)(2)), include the calculation of the facility-specific emission limit for each 12-month compliance period during the 6-month reporting period.
- (4) *No deviations.* If there were no deviations from the emission limitations in Condition 3.A.44 (40 CFR 63.4490) that apply to the permittee, the semiannual compliance report shall include a statement that there were no deviations from the emission limitations during the reporting period. If the permittee used the emission rate with add-on controls option and there were no periods during which the continuous parameter monitoring systems (CPMS) were out-of-control as specified in 40 CFR 63.8(c)(7), the semiannual compliance report shall include a statement that there were no periods during which the CPMS were out-of-control during the reporting period.
- (5) *Deviations: Compliant material option.* If the permittee used the compliant material option and there was a deviation from the applicable organic HAP content requirements in Condition 3.A.44 (40 CFR 63.4490), the semiannual compliance report shall contain the information in paragraphs (a)(5)(i) through (iv) of this section.

- (i) Identification of each coating used that deviated from the applicable emission limit, and each thinner and/or other additive, and cleaning material used that contained organic HAP, and the dates and time periods each was used.
  - (ii) The calculation of the organic HAP content (using Equation 1 of 40 CFR 63.4541) for each coating identified in paragraph (a)(5)(i) of this section. The permittee does not need to submit background data supporting this calculation ( *e.g.*, information provided by coating suppliers or manufacturers, or test reports).
  - (iii) The determination of mass fraction of organic HAP for each thinner and/or other additive, and cleaning material identified in paragraph (a)(5)(i) of this section. The permittee does not need to submit background data supporting this calculation ( *e.g.*, information provided by material suppliers or manufacturers, or test reports).
  - (iv) A statement of the cause of each deviation.
- (6) *Deviations: Emission rate without add-on controls option.* If the permittee used the emission rate without add-on controls option and there was a deviation from the applicable emission limit in Condition 3.A.44 (40 CFR 63.4490), the semiannual compliance report shall contain the information in paragraphs (a)(6)(i) through (iii) of this section.
- (i) The beginning and ending dates of each compliance period during which the 12-month organic HAP emission rate exceeded the applicable emission limit in Condition 3.A.44 (40 CFR 63.4490).
  - (ii) The calculations used to determine the 12-month organic HAP emission rate for the compliance period in which the deviation occurred. The permittee shall submit the calculations for Equations 1, 1A through 1C, 2, and 3 of 40 CFR 63.4551; and if applicable, the calculation used to determine mass of organic HAP in waste materials according to 40 CFR 63.4551(e)(4). The permittee does not need to submit background data supporting these calculations ( *e.g.*, information provided by materials suppliers or manufacturers, or test reports).
  - (iii) A statement of the cause of each deviation.

(Ref. 40 CFR 63.4520(a)(1-6))

5.C.13 For Emission Points AA-500, the permittee shall comply with the following Recordkeeping Requirements as described by 40 CFR 63.4530 by maintaining records of the data and information specified in this section. Failure to collect and keep these records is a deviation from the applicable standard.

- (a) A copy of each notification and report that the permittee submitted to comply with 40 CFR Subpart PPPP, and the documentation supporting each notification and report.
- (b) A current copy of information provided by materials suppliers or manufacturers, such as manufacturer's formulation data, or test data used to determine the mass fraction of organic HAP and density for each coating, thinner and/or other additive, and cleaning material, and the mass fraction of coating solids for each coating. If the permittee conducted testing to determine mass fraction of organic HAP, density, or mass fraction of coating solids, the permittee shall keep a copy of the complete test report. If the permittee uses information provided to the permittee by the manufacturer or supplier of the material that was based on testing, the permittee shall keep the summary sheet of results provided to the permittee by the manufacturer or supplier. The permittee is not required to obtain the test report or other supporting documentation from the manufacturer or supplier.
- (c) For each compliance period, the records specified in paragraphs (c)(1) through (4) of this section.
  - (1) A record of the coating operations on which the permittee used each compliance option and the time periods (beginning and ending dates and times) for each option the permittee used.
  - (2) For the compliant material option, a record of the calculation of the organic HAP content for each coating, using Equation 1 of 40 CFR 63.4541.
  - (3) For the emission rate without add-on controls option, a record of the calculation of the total mass of organic HAP emissions for the coatings, thinners and/or other additives, and cleaning materials used each month using Equations 1, 1A through 1C, and 2 of 40 CFR 63.4551 and, if applicable, the calculation used to determine mass of organic HAP in waste materials according to 40 CFR 63.4551(e)(4); the calculation of the total mass of coating solids used each month using Equation 2 of 40 CFR 63.4551; and the calculation of each 12-month organic HAP emission rate using Equation 3 of 40 CFR 63.4551.
- (d) A record of the name and mass of each coating, thinner and/or other additive, and cleaning material used during each compliance period. If the permittee is using the compliant material option for all coatings at the source, the permittee may maintain purchase records for each material used rather than a record of the mass used.
- (e) A record of the mass fraction of organic HAP for each coating, thinner and/or other additive, and cleaning material used during each compliance period.
- (f) A record of the mass fraction of coating solids for each coating used during each compliance period.
- (g) If the permittee uses an allowance in Equation 1 of 40 CFR 63.4551 for organic HAP contained in waste materials sent to or designated for shipment to a

treatment, storage, and disposal facility (TSDF) according to 40 CFR 63.4551(e)(4), the permittee shall keep records of the information specified in paragraphs (g)(1) through (3) of this section.

- (1) The name and address of each TSDF to which the permittee sent waste materials for which the permittee uses an allowance in Equation 1 of 40 CFR 63.4551, a statement of which subparts under 40 CFR parts 262, 264, 265, and 266 apply to the facility; and the date of each shipment.
- (2) Identification of the coating operations producing waste materials included in each shipment and the month or months in which the permittee used the allowance for these materials in Equation 1 of 40 CFR 63.4551.
- (3) The methodology used in accordance with 40 CFR 63.4551(e)(4) to determine the total amount of waste materials sent to or the amount collected, stored, and designated for transport to a TSDF each month; and the methodology to determine the mass of organic HAP contained in these waste materials. This shall include the sources for all data used in the determination, methods used to generate the data, frequency of testing or monitoring, and supporting calculations and documentation, including the waste manifest for each shipment.

- (h) The permittee shall keep records of the date, time, and duration of each deviation.

**5.C.14 For Emission Points AA-500, the permittee shall comply with the following Recordkeeping Requirements:**

- (a) The records shall be in a form suitable and readily available for expeditious review, and where appropriate, may be maintained as electronic spreadsheets or as a database.
- (b) The permittee shall keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.
- (c) The permittee shall keep each record on-site for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record. The permittee may keep the records off-site for the remaining 3 years.

(Ref. 40 CFR 63.4530 (a) thru (h) and 40 CFR 63.10(b)(1))

**5.C.15 For Emission Point AA-501 and AA-502, the permittee shall submit semi-annual reports providing the following in accordance with Section IV of the permit herein.**

- (a) Quantity of VOC(s) used (gal or lbs)
- (b) The percentage of VOC's by weight
- (c) The density (lbs/gal), unless material usages are measured in lbs

- (d) The permittee may utilize data supplied by the manufacturer, or analysis of VOC and HAP content by EPA Test Method 24 and/or EPA Test Method 311 40 CFR 60, Appendix A.

The report shall be submitted no later than 30 days from the semi-annual periods ending June 30 and December 31.

(Ref.: PSD Construction Permit Issued December 11, 2007)

5.C.16 For Emission Points AA-600, the permittee shall comply 40 CFR 63.3920 and submit semi-annual reports in accordance with 40 CFR 70.6(a)(3)(iii)(A) and Condition 5.A.4 of the permit herein. The report shall include all deviations as required by 40 CFR 63.3920(a)(2) and Condition 5.A.5 of the permit herein. The semi-annual report shall include the following:

- (a) Company name and address.
- (b) Statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report.
- (c) Date of report and beginning and ending dates of the reporting period. The reporting period is the 6-month period ending on June 30 or December 31. Note that the information reported for each of the 6 months in the reporting period will be based on the last 12 months of data prior to the date of each monthly calculation.
- (c) Identification of the compliance option or options specified in 40 CFR 63.3891 that the permittee used on each coating operation during the reporting period. If the permittee switched between compliance options during the reporting period, the permittee shall report the beginning and ending dates for each option the permittee used.
- (d) If the permittee used the emission rate without add-on controls or the emission rate with add-on controls compliance option (40 CFR 63.3891(b) or (c)), the calculation results for each rolling 12-month organic HAP emission rate during the 6-month reporting period.
- (e) *No deviations.* If there were no deviations from the emission limitations in 40 CFR 63.3890 that apply to the permittee, the semiannual compliance report shall include a statement that there were no deviations from the emission limitations during the reporting period. If the permittee used the emission rate with add-on controls option and there were no periods during which the continuous parameter monitoring systems (CPMS) were out-of-control as specified in 40 CFR 63.8(c)(7), the semiannual compliance report shall include a statement that there were no periods during which the CPMS were out-of-control during the reporting period.
- (f) *Deviations: Compliant material option.* If the permittee used the compliant material option and there was a deviation from the applicable organic HAP content

requirements in § 63.3890, the semiannual compliance report shall contain the information in paragraphs (a)(5)(i) through (iv) of this section.

- (1) Identification of each coating used that deviated from the applicable emission limit, and each thinner and/or other additive, and cleaning material used that contained organic HAP, and the dates and time periods each was used.
  - (2) The calculation of the organic HAP content (using Equation 2 of 40 CFR 63.3941) for each coating identified in paragraph (a)(5)(i) of this section. The permittee do not need to submit background data supporting this calculation ( *e.g.*, information provided by coating suppliers or manufacturers, or test reports).
  - (3) The determination of mass fraction of organic HAP for each thinner and/or other additive, and cleaning material identified in paragraph (a)(5)(i) of this section. The permittee do not need to submit background data supporting this calculation ( *e.g.*, information provided by material suppliers or manufacturers, or test reports).
  - (4) A statement of the cause of each deviation.
- (g) *Deviations: Emission rate without add-on controls option.* If the permittee used the emission rate without add-on controls option and there was a deviation from the applicable emission limit in § 63.3890, the semiannual compliance report shall contain the information in paragraphs (a)(6)(i) through (iii) of this section.
- (1) The beginning and ending dates of each compliance period during which the 12-month organic HAP emission rate exceeded the applicable emission limit in 40 CFR 63.3890.
  - (2) The calculations used to determine the 12-month organic HAP emission rate for the compliance period in which the deviation occurred. The permittee shall submit the calculations for Equations 1, 1A through 1C, 2, and 3 of 40 CFR 63.3951; and if applicable, the calculation used to determine mass of organic HAP in waste materials according to 40 CFR 63.3951(e)(4). The permittee do not need to submit background data supporting these calculations ( *e.g.*, information provided by materials suppliers or manufacturers, or test reports).
  - (3) A statement of the cause of each deviation.

(Ref. 40 CFR 63.3920(a))

5.C.17 For Emission Points AA-600, the permittee shall comply with the following Recordkeeping Requirements as described by 40 CFR 63.3930 by maintaining records of the data and information specified in this section. Failure to collect and keep these records is a deviation from the applicable standard.



- (a) A copy of each notification and report that the permittee submitted to comply with this subpart, and the documentation supporting each notification and report. If the permittee is using the predominant activity alternative under 40 CFR 63.3890(c), the permittee shall keep records of the data and calculations used to determine the predominant activity. If the permittee is using the facility-specific emission limit alternative under 40 CFR 63.3890(c), the permittee shall keep records of the data used to calculate the facility-specific emission limit for the initial compliance demonstration. The permittee shall also keep records of any data used in each annual predominant activity determination and in the calculation of the facility-specific emission limit for each 12-month compliance period included in the semi-annual compliance reports.
- (b) A current copy of information provided by materials suppliers or manufacturers, such as manufacturer's formulation data, or test data used to determine the mass fraction of organic HAP and density for each coating, thinner and/or other additive, and cleaning material, and the volume fraction of coating solids for each coating. If the permittee conducted testing to determine mass fraction of organic HAP, density, or volume fraction of coating solids, the permittee shall keep a copy of the complete test report. If the permittee use information provided to the permittee by the manufacturer or supplier of the material that was based on testing, the permittee shall keep the summary sheet of results provided to the permittee by the manufacturer or supplier. The permittee are not required to obtain the test report or other supporting documentation from the manufacturer or supplier.
- (c) For each compliance period, the records specified in paragraphs (c)(1) through (4) of this section.
  - (1) A record of the coating operations on which the permittee used each compliance option and the time periods (beginning and ending dates and times) for each option the permittee used.
  - (2) For the compliant material option, a record of the calculation of the organic HAP content for each coating, using Equation 2 of § 63.3941.
  - (3) For the emission rate without add-on controls option, a record of the calculation of the total mass of organic HAP emissions for the coatings, thinners and/or other additives, and cleaning materials used each month using Equations 1, 1A through 1C, and 2 of 40 CFR 63.3951; and, if applicable, the calculation used to determine mass of organic HAP in waste materials according to 40 CFR 63.3951(e)(4); the calculation of the total volume of coating solids used each month using Equation 2 of 40 CFR 63.3951; and the calculation of each 12-month organic HAP emission rate using Equation 3 of 40 CFR 63.3951.
  - (4) For the emission rate with add-on controls option, records of the calculations specified in paragraphs (c)(4)(i) through (v) of this section.

- (i) The calculation of the total mass of organic HAP emissions for the coatings, thinners and/or other additives, and cleaning materials used each month using Equations 1 and 1A through 1C of 40 CFR 63.3951 and, if applicable, the calculation used to determine mass of organic HAP in waste materials according to 40 CFR 63.3951(e)(4);
  - (ii) The calculation of the total volume of coating solids used each month using Equation 2 of 40 CFR 63.3951;
  - (iii) The calculation of the mass of organic HAP emission reduction by emission capture systems and add-on control devices using Equations 1 and 1A through 1D of 40 CFR 63.3961 and Equations 2, 3, and 3A through 3C of 40 CFR 63.3961, as applicable;
  - (iv) The calculation of each month's organic HAP emission rate using Equation 4 of 40 CFR 63.3961; and
  - (v) The calculation of each 12-month organic HAP emission rate using Equation 5 of 40 CFR 63.3961.
- (d) A record of the name and volume of each coating, thinner and/or other additive, and cleaning material used during each compliance period. If the permittee are using the compliant material option for all coatings at the source, the permittee may maintain purchase records for each material used rather than a record of the volume used.
- (e) A record of the mass fraction of organic HAP for each coating, thinner and/or other additive, and cleaning material used during each compliance period unless the material is tracked by weight.
- (f) A record of the volume fraction of coating solids for each coating used during each compliance period.
- (g) If the permittee use either the emission rate without add-on controls or the emission rate with add-on controls compliance option, the density for each coating, thinner and/or other additive, and cleaning material used during each compliance period.
- (h) If the permittee use an allowance in Equation 1 of 40 CFR 63.3951 for organic HAP contained in waste materials sent to or designated for shipment to a treatment, storage, and disposal facility (TSDF) according to 40 CFR 63.3951(e)(4), the permittee shall keep records of the information specified in paragraphs (h)(1) through (3) of this section.
  - (1) The name and address of each TSDF to which the permittee sent waste materials for which the permittee use an allowance in Equation 1 of 40 CFR 63.3951; a statement of which subparts under 40 CFR parts 262, 264, 265, and 266 apply to the facility; and the date of each shipment.

- (2) Identification of the coating operations producing waste materials included in each shipment and the month or months in which the permittee used the allowance for these materials in Equation 1 of 40 CFR 63.3951.
- (3) The methodology used in accordance with 40 CFR 63.3951(e)(4) to determine the total amount of waste materials sent to or the amount collected, stored, and designated for transport to a TSDF each month; and the methodology to determine the mass of organic HAP contained in these waste materials. This shall include the sources for all data used in the determination, methods used to generate the data, frequency of testing or monitoring, and supporting calculations and documentation, including the waste manifest for each shipment.

(j) The permittee shall keep records of the date, time, and duration of each deviation.  
(Ref. 40 CFR 63.3930)

5.C.18 For Emission Points AA-600, the permittee shall comply with the following Recordkeeping Requirements:

- (a) The records shall be in a form suitable and readily available for expeditious review, and where appropriate, may be maintained as electronic spreadsheets or as a database.
- (b) The permittee shall keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.
- (c) The permittee shall keep each record on-site for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record. The permittee may keep the records off-site for the remaining 3 years.

(Ref. 40 CFR 63.3931 and 63.10(b)(1))

5.C.19 For Emission Point AA-112, the permittee shall comply with the following recordkeeping and reporting requirements:

- (a) the permittee shall submit notification of the date of construction or reconstruction and actual startup. This notification shall also include the identification of fuel to be combusted.
- (b) the permittee shall record and maintain records of the amount of each fuel combusted during each calendar month.
- (c) all records required under this section shall be maintained by the permittee for a period of two years following the date of such record.
- (d) the reporting period for the reports required under this subpart is each six-month period. All reports shall be submitted to the DEQ and shall be postmarked by the 30<sup>th</sup> day following the end of the reporting period.

(Ref.: 40 CFR 60.48c(a)(1), (g)(2), (i), and (j))

## SECTION 6. ALTERNATIVE OPERATING SCENARIOS

None permitted.

## SECTION 7. TITLE VI REQUIREMENTS

The following are applicable or potentially applicable requirements originating from Title VI of the Clean Air Act – Stratospheric Ozone Protection. The full text of the referenced regulations may be found on-line at <http://ecfr.gpoaccess.gov> under Title 40, or DEQ shall provide a copy upon request from the permittee.

- 7.1 If the permittee produces, transforms, destroys, imports or exports a controlled substance or imports or exports a controlled product, the permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart A – Production and Consumption Controls.
  - 7.2 If the permittee performs service on a motor vehicle for consideration when this service involves the refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart B – Servicing of Motor Vehicle Air Conditioners.
  - 7.3 The permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart E – The Labeling of Products Using Ozone-Depleting Substances, for the following containers and products:
    - (a) All containers in which a class I or class II substance is stored or transported;
    - (b) All products containing a class I substance; and
    - (c) All products directly manufactured with a process that uses a class I substance, unless otherwise exempted by this subpart or, unless EPA determines for a particular product that there are no substitute products or manufacturing processes for such product that do not rely on the use of a class I substance, that reduce overall risk to human health and the environment, and that are currently or potentially available. If the EPA makes such a determination for a particular product, then the requirements of this subpart are effective for such product no later than January 1, 2015.
  - 7.4 If the permittee performs any of the following activities, the permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart F – Recycling and Emissions Reduction:
    - (a) Servicing, maintaining, or repairing appliances;
    - (b) Disposing of appliances, including small appliances and motor vehicle air conditioners; or
    - (c) Refrigerant reclaimers, technician certifying programs, appliance owners and operators, manufacturers of appliances, manufacturers of recycling and recovery equipment, approved recycling and recovery equipment testing organizations, persons selling class I or class II refrigerants or offering class I or class II refrigerants for sale, and persons purchasing class I or class II refrigerants.
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- 7.5 The permittee shall be allowed to switch from any ozone-depleting substance to any acceptable alternative that is listed in the Significant New Alternatives Policy (SNAP) program promulgated pursuant to 40 CFR Part 82, Subpart G – Significant New Alternatives Policy Program. The permittee shall also comply with any use conditions for the acceptable alternative substance.
- 7.6 If the permittee performs any of the following activities, the permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart H – Halon Emissions Reduction:
- (a) Any person testing, servicing, maintaining, repairing, or disposing of equipment that contains halons or using such equipment during technician training;
  - (b) Any person disposing of halons;
  - (c) Manufacturers of halon blends; or
  - (d) Organizations that employ technicians who service halon-containing equipment.





## APPENDIX A

### List of Abbreviations Used In this Permit

APC-S-1	Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants
APC-S-2	Permit Regulations for the Construction and/or Operation of Air Emissions Equipment
APC-S-3	Regulations for the Prevention of Air Pollution Emergency Episodes
APC-S-4	Ambient Air Quality Standards
APC-S-5	Regulations for the Prevention of Significant Deterioration of Air Quality
APC-S-6	Air Emissions Operating Permit Regulations for the Purposes of Title V of the Federal Clean Air Act
APC-S-7	Acid Rain Program Permit Regulations for Purposes of Title IV of the Federal Clean Air Act
BACT	Best Available Control Technology
CEM	Continuous Emission Monitor
CEMS	Continuous Emission Monitoring System
CFR	Code of Federal Regulations
CO	Carbon Monoxide
COM	Continuous Opacity Monitor
COMS	Continuous Opacity Monitoring System
DEQ	Mississippi Department of Environmental Quality
EPA	United States Environmental Protection Agency
gr/dscf	Grains Per Dry Standard Cubic Foot
HP	Horsepower
HAP	Hazardous Air Pollutant
lbs/hr	Pounds per Hour
M or K	Thousand
MACT	Maximum Achievable Control Technology
MM	Million
MMBTUH	Million British Thermal Units per Hour
NA	Not Applicable
NAAQS	National Ambient Air Quality Standards
NESHAP	National Emissions Standards For Hazardous Air Pollutants, 40 CFR 61
	or
	National Emission Standards For Hazardous Air Pollutants for Source Categories, 40 CFR 63
NM VOC	Non-Methane Volatile Organic Compounds
NO <sub>x</sub>	Nitrogen Oxides
NSPS	New Source Performance Standards, 40 CFR 60
O&M	Operation and Maintenance
PM	Particulate Matter
PM <sub>10</sub>	Particulate Matter less than 10 Fm in diameter
ppm	Parts per Million
PSD	Prevention of Significant Deterioration, 40 CFR 52
SIP	State Implementation Plan
SO <sub>2</sub>	Sulfur Dioxide
TPY	Tons per Year
TRS	Total Reduced Sulfur
VEE	Visible Emissions Evaluation
VHAP	Volatile Hazardous Air Pollutant
VOC	Volatile Organic Compound