STATE OF MISSISSIPPI
AIR POLLUTION CONTROL
TITLE V PERMIT

TO OPERATE AIR EMISSIONS EQUIPMENT

THIS CERTIFIES THAT

Toyota Motor Manufacturing Mississippi, Inc.
1200 Magnolia Way
Union, 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.40 CFR7401 - 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: September 18, 2013

Effective Date: As specified herein.

MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD

AUTHORIZED SIGNATURE
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Expires: August 31, 2018 **Permit No.: 2700-00045**
1st Modification Date: October 25, 2013
2nd Modification Date: January 13, 2017

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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.: 11 Miss. Admin Code Pt. 2, R. 6.3.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.: 11 Miss. Admin Code Pt. 2, R. 6.3.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.: 11 Miss. Admin Code Pt. 2, R. 6.3.A(6)(c).)

1.4 This permit does not convey any property rights of any sort, or any exclusive privilege. (Ref.: 11 Miss. Admin Code Pt. 2, R. 6.3.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 MDEQ along with a claim of confidentiality. (Ref.: 11 Miss. Admin Code Pt. 2, R. 6.3.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.: 11 Miss. Admin Code Pt. 2, R. 6.3.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 11 Miss. Admin. Code Pt. 2, Ch. 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.: 11 Miss. Admin Code Pt. 2, R. 6.6.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.: 11 Miss. Admin Code Pt. 2, R. 6.6.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.: 11 Miss. Admin Code Pt. 2, R. 6.6.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.: 11 Miss. Admin Code Pt. 2, R. 6.6.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.: 11 Miss. Admin Code Pt. 2, R. 6.6.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.: 11 Miss. Admin Code Pt. 2, R. 6.3.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.: 11 Miss. Admin Code Pt. 2, R. 6.2.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.: 11 Miss. Admin Code Pt. 2, R. 6.3.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.: 11 Miss. Admin Code Pt. 2, R. 1.3.I(1).)

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.: 11 Miss. Admin Code Pt. 2, R. 1.3.I(2).)

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.: 11 Miss. Admin Code Pt. 2, R. 6.3.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 MDEQ 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.: 11 Miss. Admin Code Pt. 2, R. 6.3.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.: 11 Miss. Admin Code Pt. 2, R. 6.3.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.: 11 Miss. Admin Code Pt. 2, R. 6.4.C(2)., R. 6.4.B., and R. 6.2.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 MDEQ 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.: 11 Miss. Admin Code Pt. 2, R. 6.4.F(1).)

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 Miss. Admin Code Pt. 2, Ch. 3, "Regulations for the Prevention of Air Pollution Emergency Episodes" for the level of emergency declared. (Ref.: 11 Miss. Admin

Code Pt. 2, Ch. 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 11 Miss. Admin. Code Pt. 2, Ch. 2., "Permit Regulations for the Construction and/or Operation of Air Emissions Equipment", and may require modification of this permit in accordance with Regulations 11 Miss. Admin. Code Pt. 2, Ch. 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.: 11 Miss. Admin. Code Pt. 2, R. 6.4.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 MDEQ and citizens under the

Federal Act as well as the Commission. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.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 ordnance. 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.: 11 Miss. Admin. Code Pt. 2, R. 1.3.G.)

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.: 11 Miss. Admin. Code Pt. 2, R. 6.3.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 11 Miss. Admin. Code Pt. 2, R. 1.2.KK.)

(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 11 Miss. Admin. Code Pt. 2, R. 1.2.HH.&R.1.2.CC.)

(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.: 11 Miss. Admin. Code Pt. 2, R. 1.10.)

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 11 Miss. Admin. Code Pt. 2, R. 1.8. 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
AA-000	**Automobile and Light Duty Truck Manufacturing Facility**
AA-100 (Ref. S-1)	**Plantwide Natural Gas Combustion Equipment**
AA-101a (Ref. S-1-1-1a)	**Stamping Press Shop #1 HVAC equipped with a total of 2.96 MMBTU/HR Burners.**
AA-101b (Ref. S-1-1-1b)	*Stamping Press Shop #2 HVAC equipped with an 11.09 MMBTU/HR Burner.*
AA-102a (Ref. S-1-1-2a)	**E-Coat/Weld Shop #1 HVAC equipped with a total of 38.85MMBTU/HR Burners.**
AA-102b (Ref. S-1-1-2b)	*E-Coat/Weld Shop #2 HVAC equipped with a 69.28 MMBTU/HR Burner.*
AA-103a (Ref. S-1-1-3a)	**Paint Shop #1 HVAC equipped with a total of 38.98 MMBTU/HR Burners.**
AA-103b (Ref. S-1-1-3b)	*Paint Shop #2 HVAC equipped with a 49.40 MMBTU/HR Burner.*
AA-104a (Ref. S-1-1-4a)	**Plastics Shop #1 HVAC equipped with a 20.11 MMBTU/HR Burner.**
AA-104b (Ref. S-1-1-4b)	*Plastics Shop #2 HVAC equipped with a 20.11 MMBTU/HR Burner.*
AA-105a (Ref. S-1-1-5a)	**Assembly Shop #1 HVAC equipped with a total of 21.51 MMBTU/HR Burners.**
AA-105b (Ref. S-1-1-5b)	*Assembly Shop #2 HVAC equipped with an 82.18 MMBTU/HR Burner.*
AA-106a (Ref. S-1-1-6a)	**Utility Building #1 HVAC equipped with a total of 0.15 MMBTU/HR Burners.**
AA-106b (Ref. S-1-1-6b)	*Utility Building #2 HVAC equipped with a 3.96 MMBTU/HR Burner.*
AA-107a (Ref. S-1-1-7a)	**Administration Area #1 HVAC equipped with a total of 6.07 MMBTU/HR Burners.**
AA-107b (Ref. S-1-1-7b)	*Administration Area #2 HVAC equipped with a 5.39 MMBTU/HR Burner.*
AA-108a (Ref. S-1-2-1a)	**BWPS Primer Booth #1 equipped with a total of 22.2 MMBTU/HR Burners.**
AA-108b (Ref. S-1-2-1b)	*BWPS Primer Booth #2 equipped with a 14.28 MMBTU/HR Burner.*
AA-109a (Ref. S-1-2-2a)	**BWPS Basecoat Booth #1 equipped with a total of 22.2 MMBTU/HR Burners.**
AA-109b (Ref. S-1-2-2b)	*BWPS Basecoat Booth #2 equipped with a 14.28 MMBTU/HR Burner.*
AA-110a (Ref. S-1-2-3a)	**BWPS Clearcoat Booth #1 equipped with a total of 18.3 MMBTU/HR Burners.**
AA-110b (Ref. S-1-2-3b)	*BWPS Clearcoat Booth #2 equipped with a 5.28 MMBTU/HR Burner.*
AA-111a (Ref. S-1-2-4a)	*BWPS Blackout Booth #1 equipped with a 3.10 MMBTU/HR Burner.*
AA-111b (Ref. S-1-2-4b)	*BWPS Blackout Booth #2 equipped with a 3.10 MMBTU/HR Burner.*
AA-112a (Ref. S-1-2-5a)	*BWPS PVC U-Coat Booth #1 equipped with a 6.20 MMBTU/HR Burner.*
AA-112b (Ref. S-1-2-5b)	*BWPS PVC U-Coat Booth #2 equipped with a 6.20 MMBTU/HR Burner.*
AA-113a (Ref. S-1-2-6a)	*BWPS Cavity Wax Booth #1 equipped with a 3.10 MMBTU/HR Burner.*
AA-113b (Ref. S-1-2-6b)	*BWPS Cavity Wax Booth #2 equipped with a 3.10 MMBTU/HR Burner.*
AA-114a (Ref. S-1-2-7a)	*BWPS Underbody Touch-up Booth #1 equipped with a 3.10 MMBTU/HR Burner.*
AA-114b (Ref. S-1-2-7b)	*BWPS Underbody Touch-up Booth #2 equipped with a 3.10 MMBTU/HR Burner.*
AA-115a (Ref. S-1-2-8a)	*BWPS Offline Repair #1 equipped with a 1.60 MMBTU/HR Burner.*
AA-115b (Ref. S-1-2-8b)	*BWPS Offline Repair #2 equipped with a 1.60 MMBTU/HR Burner.*

AA-116a (Ref. S-1-2-9a)	*BWPS Paint Shop #1 Sand Booths equipped with a 5.00 MMBTU/HR Burner.*
AA-116b (Ref. S-1-2-9b)	*BWPS Paint Shop #2 Sand Booths equipped with a 5.00 MMBTU/HR Burner.*
AA-117a(Ref. S-1-2-10a)	*PLS Primer Booth #1 equipped with a 12.40 MMBTU/Hr Burner.*
AA-117b (Ref. S-1-2-10b)	*PLS Primer Booth #2 equipped with a 12.40 MMBTU/Hr Burner.*
AA-118a (Ref. S-1-2-11a)	*PLS Basecoat Booth #1 equipped with a 12.40 MMBTU/HR Burner.*
AA-118b (Ref. S-1-2-11b)	*PLS Basecoat Booth #2 equipped with a 12.40 MMBTU/HR Burner.*
AA-119a (Ref. S-1-2-12a)	*PLS Clearcoat Booth #1 equipped with a 13.80 MMBTU/HR Burner.*
AA-119b (Ref. S-1-2-12b)	*PLS Clearcoat Booth #2 equipped with a 13.80 MMBTU/HR Burner.*
AA-120a (Ref. S-1-2-13a)	*PLS Interior Parts Booth #1 equipped with an 8.70 MMBTU/HR Burner.*
AA-120b (Ref. S-1-2-13b)	*PLS Interior Parts Booth #2 equipped with an 8.70 MMBTU/HR Burner.*
AA-121a (Ref. S-1-2-14a)	*PLS Plastic Shop #1 equipped with a 4.00 MMBTU/HR Burner.*
AA-121b (Ref. S-1-2-14b)	*PLS Plastic Shop #2 equipped with a 4.00 MMBTU/HR Burner.*
AA-122a (Ref. S-1-2-15a)	*AS Final Repair Area #1 equipped with a 5.60 MMBTU/HR Burner.*
AA-122b (Ref. S-1-2-15b)	*AS Final Repair Area #2 equipped with a 5.60 MMBTU/HR Burner.*
AA-123a (Ref. S-1-2-16a)	*Cross Dock Main Building equipped with a 2.00 MMBTU/HR Burner.*
AA-123b (Ref. S-1-2-16b)	*Cross Dock East and West Side Bays each equipped with a 6.00 MMBTU/HR Burner.*
AA-124a (Ref. S-1-3-1a)	**E-Coat Oven #1 equipped with a total of 13.214 MMBTU/HR Burners.**
AA-124b (Ref. S-1-3-1b)	*E-Coat Oven #2 equipped with a 4.00 MMBTU/HR Burner.*
AA-125a (Ref. S-1-3-2a)	**Primer Preheat #1 equipped with a 2.2 MMBTU/HR Burner.**
AA-125b (Ref. S-1-3-2b)	*Primer Flash Off #2 equipped with a 5.28 MMBTU/HR Burner.*
AA-126a (Ref. S-1-3-3a)	**Topcoat Preheat #1 equipped with a 2.2 MMBTU/HR Burner.**
AA-126b (Ref. S-1-3-3b)	*Basecoat Flash Off #2 equipped with a 5.28 MMBTU/HR Burner.*
AA-127a (Ref. S-1-3-4a)	**Topcoat Oven #1 equipped with a 9.54 MMBTU/HR Burner.**
AA-127b (Ref. S-1-3-4b)	*Topcoat Oven #2 equipped with a 21.58 MMBTU/HR Burner.*
AA-128a (Ref. S-1-3-5a)	*Topcoat Oven #1 equipped with a 2.10 MMBTU/HR Burner.*
AA-128b (Ref. S-1-3-5b)	*Topcoat Oven #2 equipped with a 2.10 MMBTU/HR Burner.*
AA-129a (Ref. S-1-3-6a)	*Small Parts E-Coat Tank #1 equipped with an Oven and a 5.60 MMBTU/HR Burner.*
AA-129b (Ref. S-1-3-6b)	*Small Parts E-Coat Tank #2 equipped with an Oven and a 5.60 MMBTU/HR Burner.*
AA-130a (Ref. S-1-3-7a)	*Fuel Tank Booth#1 equipped with an Oven and a 5.60 MMBTU/HR Burner.*
AA-130b (Ref. S-1-3-7b)	*Fuel Tank Booth#2 equipped with an Oven and a 5.60 MMBTU/HR Burner.*
AA-131a (Ref. S-1-3-8a)	*Wax Application Booth and Oven #1 equipped with a 5.60 MMBTU/HR Burner.*
AA-131b (Ref. S-1-3-8b)	*Wax Application Booth and Oven #2 equipped with a 5.60 MMBTU/HR Burner.*
AA-132a (Ref. S-1-4-1a)	**E-Coat Oven and PVC/Sealer Preheat Thermal Oxidizer # 1-A equipped with a 2.15 MMBTU/HR Burner.**

AA-132b (Ref. S-1-4-1b)	*E-Coat Oven Thermal Oxidizer #2 equipped with a 4.00 MMBTU/HR Burner.*
AA-133a (Ref. S-1-4-2a)	**Thermal Oxidizer #1-B - Clearcoat Booth (Automatic zone) and Heated Flash (Primer / Basecoat zones) equipped with a total burner capacity of 5.73 MMBtu/hr and Thermal Oxidizer #1-C Topcoat Oven equipped with a total burner capacity of 1.95 MMBtu/hr.**
AA-133b (Ref. S-1-4-2b)	*Paint Shop #2 Thermal Oxidizer(s) equipped with a total burner capacity of 12.00 MMBTu/hr.*
AA-134a (Ref. S-1-5-1a)	*Plant #1 equipped with Nine (9) 7.87 MMBTU/HR Boilers capable of combusting backup distillate fuel oil.*
AA-134b (Ref. S-1-5-1b)	*Plant #2 equipped with Nine (9) 7.87 MMBTU/HR Boilers capable of combusting backup distillate fuel oil.*
AA-135a	**Plant #1 Sealer Heater equipped with a 4.73 MMBTU/Hr Burner.**
AA-136a	**Plant #1 Sealer Pre-Heat equipped with a 5.278 MMBTU/Hr Burner.**
AA-137a	**Plant #1 Hot Water Boiler #1 equipped with a 4.2 MMBTU/Hr Burner.**
AA-138a	**Plant #1 Hot Water Boiler #2 equipped with a 4.2 MMBTU/Hr Burner.**
AA-139a	**Plant #1 MAU-604-1 Oil Store Makeup Air Unit equipped with a 0.53 MMBTU/Hr Burner.**
AA-140a	**Plant #1 MAU-604-2 General Stores Makeup Air Unit equipped with a 0.75 MMBTU/Hr Burner.**
AA-141a	*Steel Center HVAC equipped with Six (6) 0.31MMBTU/Hr Burners.*
AA-141b	*Steel Center Admin HVAC equipped with Two (2) 0.093MMBTU/Hr Burners.*
AA-141c	*Steel Center Admin HVAC equipped with One (1) 0.184 MMBTU/Hr Burners.*
AA-141d	*Steel Recycling Center HVAC equipped with Three (3) 0.182 MMBTU/Hr Burners.*
AA-200 (Ref. S-2)	**Plantwide Emergency Support Equipment**
AA-201a (Ref. S-2-1a)	**Plant #1 equipped with One (1) 1502 hp Emergency Generator, One, (1) 366 hp Emergency Generator, and One (1) 324 hp Emergency Generator.**
AA-201b (Ref. S-2-1b)	*Plant #2 equipped with One (1) 1000 kW Emergency Generator and Two (2) 300 kW Emergency Generators.*
AA-202a(Ref. S-2-2a)	**Plant #1 equipped with One (1) 375 hp Emergency Fire Water Pump**
AA-202b (Ref. S-2-2b)	*Plant #2 equipped with Three (3) 214 kW Emergency Fire Water Pumps*
AA-300 (Ref. S-3)	**Plantwide Bulk Liquid Storage Tanks**
AA-301	**One (1) 5,000 Gallon Tank for storing A/C Fluid – Tank Farm**
AA-302(Ref. S-3-2)	**One (1) 10,500 Gallon Tank for storing Long Life Coolant - Tank Farm**
AA-303 (Ref. S-3-3)	*Two (2) 13,200 Gallon Tanks for storing Engine Oil/Rear Suspension - Tank Farm*
AA-304 (Ref. S-3-4)	**One (1) 10,500 Gallon Tank for storing Transmission Fluid - Tank Farm**
AA-305 (Ref. S-3-5-1)	*Two (2) 13,200 Gallon Tanks for storing Waste Paint/Solvent - Tank Farm*
AA-305a (Ref. S-3-5-2a)	*Two (2) 13,200 Gallon Tank for storing Waste Paint/Solvent in Paint #1 (T28 and T30)*
AA-305b (Ref. S-3-5-2b)	*Two (2) 13,200Gallon Tank for storing Waste Paint/Solvent in Paint #2 (T32 and T34)*

AA-306 (Ref. S-3-6-1)	*Two (2) 13,200 Gallon Tanks for storing Purge Thinner - Tank Farm*
AA-306a (Ref. S-3-6-2a)	*Two (2) 13,200 Gallon Tank for storing Purge Thinner in Paint #1 (T27 and T29)*
AA-306b (Ref. S-3-6-2b)	*Two (2) 13,000 Gallon Tank for storing Purge Thinner in Paint #2 (T31 and T33)*
AA-307 (Ref. S-3-7)	**One (1) 9,500 Gallon Tanks for storing Windshield Washer - Tank Farm**
AA-308 (Ref. S-3-8)	*Two (2) 13,200 Gallon Tanks for storing Power Steering Fluid - Tank Farm*
AA-309 (Ref. S-3-9)	**One (1) 15,000 Gallon Tanks for storing Unleaded Gasoline Tank Farm**
AA-310 (Ref. S-3-10)	*One (1) 13,200 Gallon Tank for storing Distillate Fuel Oil #2 at Tank Farm Marshalling*
AA-311 (Ref. S-3-11)	*One (1) 13,200 Gallon Tank for storing Brake Fluid - Tank Farm*
AA-312	**Three (3) 550 Gallon Tanks for Storing Diesel Fuel – Tank Farm and Steel Recycling Center**
AA-312a	**Two (2) 550 Gallon Tanks for Storing Diesel Fuel – Tank Farm**
AA-312b	*One (1) 550 Gallon Tanks for Storing Diesel Fuel - Steel Recycling Center*
AA-313	One (1) 6,500 Gallon Tank for Storing HFO-1234yf Coolant
AA-400 (Ref. S-4)	**Emission Sources for Stamping Shop, Bodyweld Shop, and Steel Center and Steel Recycling Center**
AA-401	**Plant #1 and #2 Drawing Oil Stamping Shops and Steel Center**
AA-401a (Ref. S-4-1a)	**Plant #1 Drawing Oil Stamping Shop**
AA-401b (Ref. S-4-1b)	*Plant #2 Drawing Oil Stamping Shop*
AA-401c	Steel Center and *Steel Recyling Center*
AA-402a (Ref. S-4-2a)	*Plant #1 Suspension Component Welding Body Shop*
AA-402b (Ref. S-4-2b)	*Plant #2 Suspension Component Welding Body Shop*
AA-403a (Ref. S-4-3a)	**Plant #1 Mig Welding and Brazing Operations – Body Shop**
AA-403b (Ref. S-4-3b)	*Plant #2 Mig Welding and Brazing Operations – Body Shop*
AA-500 (Ref. S-5)	**Emission Sources for Primary Paint Shop**
AA-501a (Ref. S-5-1a)	**Plant #1 Body E-Coat Dip Tank and Curing Oven**
AA-501b (Ref. S-5-1b)	*Plant #2 Body E-Coat Dip Tank and Curing Oven*
AA-502a (Ref. S-5-2a)	**Plant #1 Primer Surfacer Booth - Application of antichip, hood-chip primer and waterborne primer.**
AA-502b (Ref. S-5-2b)	*Plant #2 Primer Surfacer Booth - Application of antichip, rocker PVC, hood-chip primer and waterborne primer.*
AA-503a (Ref. S-5-3a)	**Plant #1 Topcoat Booth – Application of Waterborne Basecoat and Solventborne Clearcoat**
AA-503b (Ref. S-5-3b)	*Plant #2 Topcoat Booth – Application of Waterborne Basecoat and Solventborne Clearcoat*
AA-504a (Ref. S-5-4a)	**Plant #1 Paint System Curing Oven for Primer Surfacer and Topcoat Materials.**
AA-504b (Ref. S-5-4b)	*Plant #2 Paint System Curing Oven for Primer Surfacer and Topcoat Materials.*
AA-600 (Ref. S-6)	*Emission Sources for Plastic Shop*

AA-601a (Ref. S-6-1a)	*Plant #1 Interior Parts Spray Booth and Curing Oven - Application of Waterborne Materials.*
AA-601b (Ref. S-6-1b)	*Plant #2 Interior Parts Spray Booth and Curing Oven - Application of Waterborne Materials.*
AA-602a (Ref. S-6-3a)	*Plant #1 Injection Molding (use of Mold Release Material)*
AA-602b (Ref. S-6-3b)	*Plant #2 Injection Molding (use of Mold Release Material)*
AA-603a (Ref. S-6-4a)	*Plant #1 Slush Molding (IP Skin)/Monoform (Instrument Panel) Operations*
AA-603b (Ref. S-6-4b)	*Plant #2 Slush Molding (IP Skin)/Monoform (Instrument Panel) Operations*
AA-604a (Ref. S-6-2a)	*Plant #1 Bumper Spray Booth and Curing Oven – Application of Waterborne/Solventborne Primers, Waterborne Basecoat and Solventborne Clearcoat.*
AA-604b (Ref. S-6-2b)	*Plant #2 Bumper Spray Booth and Curing Oven – Application of Waterborne/Solventborne Primers, Waterborne Basecoat and Solventborne Clearcoat.*
AA-650**	**Slush Molding Operations**
AA-700 (Ref. S-7)	**Emission Sources for Miscellaneous Metal Coating Process**
AA-701a (Ref. S-7-1a)	**Plant #1 Blackout Application Booth (Air Dried)**
AA-701b (Ref. S-7-1b)	*Plant #2 Blackout Application Booth (Air Dried)*
AA-702a (Ref. S-7-2a)	*Plant #1 Small Parts E-Coat Dip Tank and Curing Oven – Body Shop*
AA-702b (Ref. S-7-2b)	*Plant #2 Small Parts E-Coat Dip Tank and Curing Oven – Body Shop*
AA-703a (Ref. S-7-3a)	*Plant #1 Fuel Tank Spray Booth and Curing Oven – Body Shop*
AA-703b (Ref. S-7-3b)	*Plant #2 Fuel Tank Spray Booth and Curing Oven – Body Shop*
AA-800 (Ref. S-8)	**Emission Sources for Miscellaneous Body Coatings**
AA-801a (Ref. S-8-2a)	**Plant #1 Sealer and Sound Dampener Application - Body Shop**
AA-801b (Ref. S-8-2b)	*Plant #2 Sealer and Sound Dampener Application - Body Shop*
AA-802a (Ref. S-8-1a)	**Plant #1 Sealers and Adhesives – Body Shop**
AA-802b (Ref. S-8-1b)	*Plant #2 Sealers and Adhesives – Body Shop*
AA-803a (Ref. S-8-4a)	**Plant #1 Cavity Wax Booth - Hinge and Cavity Wax Application - Paint Shop**
AA-803b (Ref. S-8-4b)	*Plant #2 Cavity Wax Booth - Hinge and Cavity Wax Application - Paint Shop*
AA-804a (Ref. S-8-2a)	**Plant #1 PVC Underbody Coating System – Body Shop**
AA-804b (Ref. S-8-2b)	*Plant #2 PVC Underbody Coating System – Body Shop*
AA-805a (Ref. S-8-2a)	**Plant #1 PVC U-Coat Sealer**
AA-805b (Ref. S-8-2b)	*Plant #2 PVC U-Coat Sealer*
AA-806a (Ref. S-8-3a)	**Plant #1 Wax Application - Assembly Shop**
AA-806b (Ref. S-8-3b)	*Plant #2 Wax Application - Assembly Shop*
AA-900 (Ref. S-9)	**Emission Sources for Miscellaneous Process Cleanings**
AA-901a (Ref. S-9-1a)	**Plant #1 Booth and Application Cleanup Materials**
AA-901b (Ref. S-9-1b)	*Plant #2 Booth and Application Cleanup Materials*

AA-902a (Ref. S-9-2a)	**Plant #1 Paint Line Cleaning Materials**
AA-902b (Ref. S-9-2b)	*Plant #2 Paint Line Cleaning Materials*
AA-903a (Ref. S-9-3a)	**Plant #1 Wiping Solvents**
AA-903b (Ref. S-9-3b)	*Plant #2 Wiping Solvents*
AA-1000 (Ref. S-10)	**Emission Sources for Paint Repair**
AA-1001a (Ref. S-10-1a)	**Plant #1 Paint Repair Booth**
AA-1001b (Ref. S-10-1b)	*Plant #2 Paint Repair Booth*
AA-1002a (Ref. S-10-3a)	**Plant #1 Underbody Touch-up Booth**
AA-1002b (Ref. S-10-3b)	*Plant #2 Underbody Touch-up Booth*
AA-1003a (Ref. S-10-4a)	**Plant #1 Repair Polish Booth**
AA-1003b (Ref. S-10-4b)	*Plant #2 Repair Polish Booth*
AA-1100 (Ref. S-11)	**Emission Sources for Assembly Final Line**
AA-1101a (Ref. S-11-1a)	**Plant #1 Vehicle Fluid Fills**
AA-1101b (Ref. S-11-1b)	*Plant #2 Vehicle Fluid Fills*
AA-1102a (Ref. S-11-2a)	**Plant #1 Windshield Installation**
AA-1102b (Ref. S-11-2b)	*Plant #2 Windshield Installation*
AA-1103a (Ref. S-11-3a)	**Plant #1 Vehicle Start-up and Roll Test**
AA-1103b (Ref. S-11-3b)	*Plant #2 Vehicle Start-up and Roll Test*
AA-1200 (Ref. S-12)	**Emission Sources for Marshalling Yard**
AA-1201 (Ref. S-12-1)	*Touch-up Paint Spray Booth*
AA-1300	**Plantwide Fugitive Emission including Paved Roads and Vehicle Test Track**
AA-1400	**Wastewater Treatment Plant including associated Storage Tanks.**
AA-1500	**Miscellaneous Support Activities/Operations as defined by MS APC-S-6, Section VII**
AA-1600	Facility Wide On-Site Suppliers

Emission Points in Italic denote those emission points that are either under construction or have not yet been constructed at the time of Title V Issuance.

****Emission Point AA-650 contains the Slush Molding Operations which were initially permitted under AA-602a/b and AA-603a/b. The original slush molding emission points (AA-602a/b and AA-603a/b) were not constructed at the time of the closing of TMMMS' PSD Construction permit in September 2016. As such, these emission points are no longer effective, and AA-650 (added from the November 2016 Minor Modification) is now the effective emission point for the slush molding operations.***

SECTION 3. EMISSION LIMITATIONS & STANDARDS

Emission Point	Applicable Requirement	Condition Number	Pollutant/ Parameter	Limit/Standard
AA-000 *(Plantwide)*	40 CFR 60, Subpart MM, specifically 40 CFR 60.390(a) thru (c)	3.A.1	NSPS	Standards of Performance for Automobile and Light Duty Truck Surface Coating Operations
	40 CFR 60, Subpart IIII, specifically 40 CFR 60.4200(a)(2)	3.A.2		Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
	40 CFR 63, Subpart EEEE, specifically 40 CFR 63.2334(a) and 63.2338(b) and 63.2342(a)(2)	3.A.3	MACT	Organic Liquids Distribution (Non-Gasoline)
	40 CFR 63, Subpart IIII, specifically 40 CFR 63.3081	3.A.4		Surface Coating of Automobiles and Light Duty Trucks
	40 CFR 63, Subpart MMMM, specifically 40 CFR 63.3881(d)	3.A.5		Surface Coating of Miscellaneous Metal Parts and Products
	40 CFR 63, Subpart PPPP, specifically 40 CFR 63.4481(d)	3.A.6		Surface Coating of Plastic Parts and Products
	40 CFR 63, Subpart ZZZZ, specifically 40 CFR 63.6585 and 63.6600	3.A.7		Stationary Reciprocating Internal Combustion Engines
	40 CFR 63, Subpart DDDDD, specifically 40 CFR 63.7485	3.A.8		Industrial, Commercial, and Institutional Boilers and Process Heaters
	PSD Construction Permit Issued June 5, 2007	3.A.9	Opacity	Not to exceed 10% at any time
AA-100 *(Natural Gas Combustion)*	PSD Construction Permit Issued June 5, 2007	3.A.10	PM/PM10 (filterable)	BACT: Combustion of Natural Gas and Good Combustion Practices
			VOC	
			NOx	
			CO	

Emission Point	Applicable Requirement	Condition Number	Pollutant/ Parameter	Limit/Standard
AA-100 *(Natural Gas Combustion)*	PSD Construction Permit Issued June 5, 2007	3.A.11	PM/PM10	31.6 tpy
		3.A.12	VOC	22.9 tpy
		3.A.13	NOx	415.9 tpy
		3.A.14	CO	349.4 tpy
		3.A.15	SO2	3.7 tpy
AA-134a and AA-134b *(Boilers)*	40 CFR 63.7506(b)(3)	3.A.16	Limited Requirements	AA-134a and AA-134b
	PSD Construction Permit Issued June 5, 2007	3.A.17	NOx	BACT: 0.10 lbs/MMBTU and Low NOx Combustion Techniques
		3.A.18	Distillate Fuel Oil	1,000,000 gallons per year and a Sulfur content equal to or less than 0.05%
AA-200 *(Emergency Support Equipment)*	PSD Construction Permit Issued on July 5, 2007	3.A.19	PM/PM10 (filterable)	BACT: Use of Low Sulfur Fuel Oil (Sulfur content equal to or less than 0.05%)
			VOC	
			NOx	
			CO	
		3.A.20	PM/PM10 (filterable)	1.9 tpy
		3.A.21	VOC	2.2 tpy
		3.A.22	NOx	27.5 tpy
		3.A.23	CO	5.9 tpy
		3.A.24	SO2	1.8 tpy
AA-200 *(Emergency Support Equipment)*	40 CFR 60.4205(b), and (c) via 60.4202(a)(2)	3.A.25	Emission Limitations	Emission Standard Certification
	40 CFR 60.4206	3.A.26		Lifetime Emission Standard
	40 CFR 60.4207(b) and (c)	3.A.27		Diesel Fuel Standard
	40 CFR 60.4208(a) &(g)	3.A.28		Installation Deadlines
	40 CFR 60.4217	3.A.29		Special Fuels/ Optional Standards

Emission Point	Applicable Requirement	Condition Number	Pollutant/ Parameter	Limit/Standard
AA-201a and AA-201b *(Emergency Generators)*	**40 CFR 63.6590(b)**	**3.A.30**	**Applicability**	**Limited Requirements**
	40 CRR 63.6645(d)	**3.A.31**	**Notification**	**Initial Notification**
AA-300 *(Bulk Liquid Storage Tanks)*	**PSD Construction Permit Issued June 5, 2007**	**3.A.32**	**VOC**	**Submerged Filled Pipes, Conservation Vents, Fixed Roof Tank Design.**
		3.A.33		**4.2 tpy**
AA-309 *(Gasoline Tank)*		**3.A.34**		**BACT: Stage I Vapor Control for Gasoline Tank Truck Unloading**
AA-302 and AA-307 *(non-Gasoline Tanks)*	**40 CFR 63, Subpart EEEE, specifically 40 CFR 63.2334(a), 63.2338(b) and 63.2342(a)(2)**	**3.A.35**	**VOC**	**Organic Liquids Distribution (Non-Gasoline) for New Sources Constructed after April 2, 2002**
AA-400 *(Stamping, Bodyweld Shop, Steel Center and Steel Recycling Center)*	**PSD Construction Permit Issued June 5, 2007**	**3.A.36**	**PM/PM10 (filterable)**	**BACT: Incorporation of Dry Filtration or Dust Minimization Techniques and Good Operating/Work and Maintenance Practices**
		3.A.37		**Resistance Welding and Filtration on Mig Welding Operations**
		3.A.38		**8.7 tpy**
		3.A.39	**VOC**	**Low VOC Rust Preventative Oil**
		3.A.40		**53.42 tpy**
AA-401 *(Stamping Shop)*	**PSD Construction Permit Issued June 5, 2007**	**3.A.41**	**VOC**	**BACT: Use of Low VOC content materials when technically feasible**
AA-500 *(Primary Paint Shop)*	**PSD Construction Permit Issued June 5, 2007**	**3.A.42**	**PM/PM10 (filterable)**	**21.4 tpy**
		3.A.43	**VOC**	**639.4 tpy**

Emission Point	Applicable Requirement	Condition Number	Pollutant/ Parameter	Limit/Standard
AA-501a and AA-501b ***(Body E-Coat Dip Tank and Curing Oven)***	**PSD Construction Permit Issued June 5, 2007**	**3.A.44**	**PM/PM10**	**BACT: Dip Tank Application**
		3.A.45	**VOC**	**BACT: 0.13 lbs/GACS and Use of Waterborne Materials**
		3.A.46		**BACT: E-Coat Oven Exhaust routed to Emission Point AA-132a and AA-132b (TO), with a 95% minimum destruction/removal efficiency on the E-Coat Oven.**
AA-502a, AA-502b, AA-503a, and AA-503b ***(Primer Surfacer Booth and Topcoat Booth)***	**PSD Construction Permit Issued June 5, 2007 and March 11, 2011**	**3.A.47**	**PM/PM10 (filterable)**	**BACT: Use of Wet Scrubbers or Dry Filtration for Spray Application Areas**
		3.A.48	**VOC**	**BACT: 4.8 lbs/GACS combined limit, Use of Waterborne Primer Surfacer/Basecoat material and Solventborne Clearcoat Materials, and Use of Emission Points AA-133a and AA-133b for controlling Primer Surfacer/Basecoat Heated Flash Zones and Clearcoat Exterior Spray Application Zone Exhaust.**
AA-504a and AA-504b ***(Paint System Curing Oven)***	**PSD Construction Permit Issued June 5, 2007**	**3.A.49**	**VOC**	**BACT: Oven Exhaust controlled by Emission Points AA-133a and AA-133b, with a 95% minimum destruction/removal efficiency.**
AA-600 ***(Plastic Shop)***	**PSD Construction Permit Issued June 5, 2007**	**3.A.50**	**PM/PM10 (filterable)**	**9.9 tpy**
		3.A.51		**BACT: Use of Wet Scrubbers or Dry Filter System for Spray Application Areas**
		3.A.52	**VOC**	**455.58 tpy**
		3.A.53		**BACT: Use of Waterborne Primers and Topcoat Materials when technically feasible**
AA-601a and AA-601b ***(Interior Parts Booth and Oven)***	**PSD Construction Permit Issued June 5, 2007**	**3.A.54**	**VOC**	**BACT: 3.2 lbs/Gallon**

Emission Point	Applicable Requirement	Condition Number	Pollutant/ Parameter	Limit/Standard
AA-602a, AA-602b, AA-603a, and AA-603b *(Molding)*	**PSD Construction Permit Issued June 5, 2007**	**3.A.55**	**VOC**	**BACT: Good Operating/Work Parameters for minimizing Mold Release and Slush Molding**
AA-604a and AA-604b *(Bumper Spray Booth and Oven)*	**PSD Construction Permit Issued June 5, 2007**	**3.A.56**	**VOC**	**BACT: 2.2 lbs/Gallon**
AA-700 *(Miscellaneous Metal Coating)*	**PSD Construction Permit Issued June 5, 2007**	**3.A.57**	**PM/PM10 (filterable)**	**BACT: Use of Wet Scrubbers or Dry Filtration for Spray Application Area**
		3.A.58		**6.6 tpy**
		3.A.59	**VOC**	**BACT: Use of Low VOC Content Material and High Efficiency Applicators when technically feasible and Good Operating/Work Practices**
		3.A.60		**89.8 tpy**
		3.A.61		**Curing Oven Exhaust for Small Parts and Fuel Tank Process to be Controlled by Thermal Oxidation to Control Odors.**
AA-800 *(Miscellaneous Body Coating)*	**PSD Construction Permit Issued June 5, 2007**	**3.A.62**	**PM/PM10 (filterable)**	**BACT: Use of Wet Scrubbers or Dry Filtration for Spray Application Area**
		3.A.63		**6.7 tpy**
		3.A.64	**VOC**	**BACT: 0.3 lbs VOC/gallon for Sealers, Adhesives, and Undercoat, and Use of Low VOC Content Material when technically feasible and Good Operating/Work Practices.**
		3.A.65	**VOC**	**176.1 tpy**

Emission Point	Applicable Requirement	Condition Number	Pollutant/ Parameter	Limit/Standard
AA-900 ***(Miscellaneous Process Cleaning)***	**PSD Construction Permit Issued June 5, 2007**	**3.A.66**	**VOC**	**BACT: Good Work Practices to Minimize Purge and Cleanup Solvent Emissions and Installation and Operation of a Purge Solvent Recovery System on the Body Clearcoat System.**
		3.A.67		**Employ Low VOC Cleaners when technically feasible**
		3.A.68		**462.3 tpy**
AA-1000 ***(Paint Repair)***	**PSD Construction Permit Issued June 5, 2007**	**3.A.69**	**PM/PM10 (filterable)**	**BACT: Use of Particulate Filtration**
		3.A.70		**0.25 tpy**
		3.A.71	**VOC**	**6.5 tpy**
		3.A.72		**Application Techniques**
AA-1100 ***(Assembly Final Line)***	**PSD Construction Permit Issued June 5, 2007**	**3.A.73**	**PM/PM10 (filterable)**	**BACT: Use of Good Work Practices to Minimize Emissions**
		3.A.74		**2.6 tpy**
		3.A.75	**VOC**	**BACT: Use of Good Work Practices to Minimize Emissions**
		3.A.76		**83.6 tpy 81.8**
		3.A.77		**Employ Low VOC Materials when technically feasible**
		3.A.78		**Use of Vehicle Onboard Vapor Recovery System on Gasoline Filling Operations**
		3.A.79	**NOx**	**BACT: Use of Good Work Practices to Minimize Emissions**
		3.A.80		**4.6 tpy**
		3.A.81	**CO**	**BACT: Use of Good Work Practices to Minimize Emissions**
		3.A.82		**13.5 tpy**

Emission Point	Applicable Requirement	Condition Number	Pollutant/ Parameter	Limit/Standard
AA-1200 *(Marshalling Yard)*	**PSD Construction Permit Issued June 5, 2007**	**3.A.83**	**Work Practices**	**Good Operating/Work Practices**
		3.A.84	**PM/PM10 (filterable)**	**0.1 tpy**
		3.A.85	**VOC**	**BACT: Use of Good Work Practices to Minimize Emissions**
		3.A.86		**1.0 tpy**
AA-500 thru AA-1200 *(Primary Paint, Plastic, Miscellaneous Metal Coating, Miscellaneous Body, Miscellaneous Process, Paint Repair, Assembly Final Line, and Marshalling Yard)*	**40 CFR 63.3081 and 63.3082**	**3.A.87**	**Applicability**	**Affected Sources**
	40 CFR 63.3090(a) and (c) through (e)	**3.A.88**	**HAP**	**Emission Limitations**
	40 CFR 63.3093(a), (b), and (d)	**3.A.89**	**Operating Limits**	**Emission Control Devices**
	40 CFR 3173	**3.A.90**	**Continuous Compliance**	**Emission Limitations**
AA-502a, AA-503a, and AA-504a *(Surfacer, Topcoat, and Curing Oven)*	**40 CFR 64.2(a), 40 CFR 64.2(b)(i), 40 CFR 64.5(a)(1)**	**3.A.91**	**Applicability**	**Compliance Assurance Monitoring (Appendix B)**
AA-1500 and AA-1600 *(Miscellaneous Insignificant Support Activities/ Operations)*	**11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a)**	**3.B.1**	**PM/PM10 (filterable)**	**0.6 lbs/MMBTU or as otherwise limited by facility modification restrictions**
	11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(b)	**3.B.2**		**$E = 0.8808*I^{-0.1667}$ or as otherwise limited by facility modification restrictions.**
	11 Miss. Admin. Code Pt. 2, R. 1.3.H(1)	**3.B.3**		**0.2 grains/dscf of flue gas calculated to 12% CO_2 by volume**
	11 Miss. Admin. Code Pt. 2, R. 1.4.A(1)	**3.B.4**	**SO_2**	**4.8 lbs/MMBTU per hour or as otherwise limited by facility modification restrictions**

Emission Point	Applicable Requirement	Condition Number	Pollutant/ Parameter	Limit/Standard
AA-101b thru AA-110b, AA-111 thru AA-123, AA-124b thru AA-127b, AA-128 thru AA-131, AA-132b thru AA-133b, AA-134, AA-141, AA-201b, AA-202b, AA-303, AA-305, AA-306, AA-308, AA-310, AA-311, AA-312b, AA-401b and c, AA-402a and b, AA-403b, AA-501b thru AA-504b, AA-600, AA-701b, AA-702 thru AA-703, AA-801b thru AA-806b, AA-901b thru AA-903b, AA-1001b thru AA-1003b, AA-1101b thru AA-1103b, AA-1201, and AA-1600 *Denotes Emission Points under or not Constructed at Title V Issuance	**11 Miss. Admin Code Pt. 2, R. 6.3.A(1)(a).**	**3.C.1**	**Miscellaneous**	**compliance with conditions I.13 and I.15 of PSD Construction Permit Issued June 6, 2007, and modified March 11, 2001, and November 9, 2011, and conditions herein upon commencement of operation.**

3.A. Emission Point Specific Emission Limitations and Standards

3.A.1 For Emission Point AA-000, the permittee is subject to, and shall comply with all applicable provision of, 40 CFR 60, Subpart MM-Standards of Performance for Automobile and Light Duty Truck Surface Coating Operations. (Ref. 40 CFR 60.390(a) thru (c))

3.A.2 For Emission Point AA-000, the permittee is subject to, and shall comply with all applicable provision of, 40 CFR 60, Subpart IIII-Standards of Performance for Stationary Compression Ignitions Internal Combustion Engines. (Ref. 40 CFR 60.4200(a)(2))

3.A.3 For Emission Point AA-000, the permittee is subject to, and shall comply with all applicable provisions of, 40 CFR 63, Subpart EEEE-National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distributions (Non-Gasoline). (Ref. 40 CFR 63.2334(a), 63.2338(b), and 63.2342(a)(2))

3.A.4 For Emission Point AA-000, the permittee is subject to, and shall comply with all applicable provisions of, 40 CFR 63, Subpart IIII-National Emission Standards for Hazardous Air Pollutants from the Surface Coating of Automobiles and Light Duty Trucks. (Ref. 40 CFR 63.3081)

3.A.5 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. The permittee has elected to comply with 40 CFR 63, Subpart IIII-NESHAP for Surface Coating of Automobiles and Light Duty Trucks in lieu of complying with 40 CFR 63, Subpart MMMM and is therefore only subject to including a statement of such in the initial notification requirements for 40 CFR 63, Subpart I (40 CFR 63.3910(b)). The permittee is not required to comply with any of the requirements of 40 CFR 63, Subpart MMMM. (Ref. 40 CFR 63.3881(d))

3.A.6 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. The permittee has elected to comply with 40 CFR 63, Subpart IIII-NESHAP for Surface Coating of Automobiles and Light Duty Trucks in lieu of complying with 40 CFR 63, Subpart PPPP and is therefore only subject to including a statement of such in the initial notification requirements for 40 CFR 63, Subpart IIII (40 CFR 63.4510(b)). The permittee is not required to comply with any of the requirements of 40 CFR 63, Subpart PPPP. (Ref. 40 CFR 63.481(d))

3.A.7 For Emission Point AA-000, the permittee is subject to, and shall comply with all applicable provision of, 40 CFR 63, Subpart ZZZZ-National Emission Standards for Hazardous Air Pollutants from Stationary Reciprocating Internal Combustion Engines. (Ref. 40 CFR 63.6585 and 63.6600)

3.A.8 For Emission Point AA-000, the permittee is subject to, and shall comply with all applicable provisions of, 40 CFR 63, Subpart DDDDD - National Emission Standards

for Hazardous Air Pollutants from Industrial, Commercial, and Institutional Boilers and Process Heaters. (Ref. 40 CFR 63.7485)

3.A.9 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 June 5, 2007)

3.A.10 For Emission Point AA-100, the Permittee shall Combust Natural Gas Only, except during those activities authorized by Condition 3.A.18 of the Federally Enforceable Permit Herein, and Use Good Combustion Practices for reducing emissions of Particulate Matter/Particulate Matter-10 (PM/PM10) (filterable), Volatile Organic Compounds (VOC), Nitrogen Oxides (NOx) and Carbon Monoxide (CO). (Ref. PSD Construction Permit Issued June 5, 2007- BACT for PM/PM10, VOC, NOx, and CO)

3.A.11 For Emission Point AA-100, the permittee shall limit emissions of PM/PM10 (filterable) to 31.6 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued June 5, 2007)

3.A.12 For Emission Point AA-100, the permittee shall limit emissions of VOC to 22.9 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued June 5, 2007)

3.A.13 For Emission Point AA-100, the permittee shall limit emissions of NOx to 415.9 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued June 5, 2007)

3.A.14 For Emission Point AA-100, the permittee shall limit emissions of CO to 349.4 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued June 5, 2007)

3.A.15 For Emission Points AA-100, the permittee shall limit emissions of Sulfur Dioxide (SO2) to 3.7 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued June 5, 2007)

3.A.16 For Emission Points AA-134a and AA-134b, the permittee is subject to only the initial notification requirements in 40 CFR 63.9(b) (*i.e.*, the permittee is not subject to the emission limits, work practice standards, performance testing, monitoring, SSMP, site-specific monitoring plans, recordkeeping and reporting requirements of this subpart or any other requirements in subpart A of this part). (Ref. 40 CFR 63.7506(b)(3))

3.A.17 For Emission Points AA-134a and AA-134b emissions of NOx to 0.1 pound per MMBTU per hour heat input and utilize Low NOx Combustion Techniques. (PSD Construction Permit Issued June 5, 2007 - BACT for NOx)

3.A.18 For Emission Points AA-134a and AA-134b, the permittee shall limit the Usage of Distillate Fuel Oil to no more than 1,000,000 gallons as determined for each consecutive 12-month period. At no time shall the Sulfur content of the Distillate Fuel Oil exceed 0.050%. (PSD Construction Permit Issued on June 5, 2007)

3.A.19 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 PM/PM10, VOC, NOx, and CO. (Ref. PSD Construction Permit Issued June 5, 2007 - BACT for PM/PM10, VOC, NOx, and CO)

3.A.20 For Emission Point AA-200, the permittee shall limit during emissions of PM/PM10 (filterable) to 1.9 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued June 5, 2007)

3.A.21 For Emission Point AA-200, 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 June 5, 2007)

3.A.22 For Emission Point AA-200, the permittee shall limit emissions of NOx to 27.5 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued June 5, 2007)

3.A.23 For Emission Point AA-200, the permittee shall limit emissions of CO to 5.9 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued June 5, 2007)

3.A.24 For Emission Point AA-200, the permittee shall limit emissions of SO2 to 1.8 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued June 5, 2007)

3.A.25 For Emission PointAA-200, the permittee shall comply with the following:

(a) For Emission Point AA-201a and AA-201b, the permittee shall comply with the emission standards described in 40 CFR 60.4202(a)(2), for all pollutants

(b) For Emission Point AA-202a and AA-202b, the permittee shall comply with the emission standards in Table 4 for all pollutants.

(Ref. 40 CFR 60.4205(b) and (c), 40 CFR 60.4202(a)(2), Table 4, and 40 CFR 89.112 and 89.113)

3.A.26 For Emission Point AA-200, 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.

3.A.27 For Emission Point AA-200, the permittee shall comply with the following:

(a) Beginning October 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 60.4207(b) and (c))

3.A.28 For Emission Point AA-200, the permittee shall comply with the following:

(a) After December 31, 2008, the permittee may not install a unit (excluding fire pump engines) that does not meet the applicable requirements for 2007 model year engines.

(b) 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(a) and (b))

3.A.29 For Emission Point AA-200, 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.30 For Emission Points AA-201a and AA-201b, the permittee does not have to meet the requirements of 40 CFR 63, Subpart ZZZZ and of Subpart A, except for the initial notification requirements of 40 CFR 63.6645(d). (Ref. 40 CFR 63.6590(b))

3.A.31 For Emission Points AA-201a and AA-201b, the permittee shall submit a notification that includes the information in 40 CFR 63.9(b)(2)(i) through (v), and a statement that the stationary RICE has no additional requirements and explain the basis of the exclusion (for example, that it operates exclusively as an emergency stationary RICE). (Ref. 40 CFR 63.6645(d))

3.A.32 For Emission Point AA-300, the permittee shall either install a Submerged Filled Pipes, Conservation Vents, or Fixed Roof Above Ground Tanks with Pressure Relief Valves, for minimizing emissions of VOC. (PSD Construction Permit Issued June 5, 2007)

3.A.33 For Emission Point AA-300, the permittee shall limit emissions of VOC to 4.2 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued June 5, 2007)

3.A.34 For Emission Point AA-309, the permittee shall utilize Stage I Vapor Control for Gasoline Tank Truck Unloading for minimizing emissions of VOC. (PSD Construction Permit Issued on June 5, 2007 - BACT for VOC)

3.A.35 For Emission Point AA-302 and AA-307, the permittee shall comply with the emission limitations, operating limits, and work practice standards of 40 CFR 63, Subpart EEEE – NESHAP for Organic Liquids Distribution (Non Gasoline) upon startup.

For Emission Point AA-302 and AA-307, the permittee shall comply with the following:

(a) *Storage tanks.* For each storage tank storing organic liquids that meets the tank capacity and liquid vapor pressure criteria for control in Table 2 of 40 CFR 63, Subpart EEEE, items 1 through 5, the permittee shall comply with (1), (2), (3), or (4). For each storage tank storing organic liquids that meets the tank capacity and liquid vapor pressure criteria for control in Table 2 of 40 CFR 63, Subpart EEEE, item 6, the permittee shall comply with paragraph (1), (2), or (4) of this section.

Tanks AA-302 and AA-307 do not meet the control applicability requirements of Table 2 of 40 CFR, Subpart EEEE.

(b) Section 63.2343 for storage tanks that are not subject to the requirements of Table 2.

(Ref. 40 CFR 63.2342(a)(2))

3.A.36 For Emission Point AA-400, 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 June 5, 2007 - BACT PM/PM10)

3.A.37 For Emission Point AA-400, the permittee shall utilize Resistance Welding and Filtration on the Mig Welding Operations for minimizing PM/PM10 Emissions. (PSD Construction Permit Issued June 5, 2007)

3.A.38 For Emission Point AA-400, the permittee shall limit emissions of PM/PM10 (filterable) to 8.7 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued June 5, 2007)

3.A.39 For Emission Point AA-400, the permittee shall utilize Low VOC Rust Preventative Oil for minimizing VOC Emissions. (PSD Construction Permit Issued June 5, 2007)

3.A.40 For Emission Point AA-400, the permittee shall limit emissions of VOC to 53.42 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued June 5, 2007)

3.A.41 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 3.40 of the Federally Enforceable Permit Herein. (Ref. PSD Construction Permit Issued June 5, 2007 - BACT VOC)

3.A.42 For Emission Point AA-500, the permittee shall limit emissions of PM/PM10 (filterable) to 21.4 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued June 5, 2007)

3.A.43 For Emission Point AA-500, the permittee shall limit emissions of VOC to 639.4 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued June 5, 2007)

3.A.44 For Emission Point AA-501a and AA-501b, the permittee shall utilize the Dip Tank Application for minimizing PM/PM10 Emissions. (Ref. PSD Construction Permit Issued June 5, 2007)

3.A.45 For Emission Point AA-501a and AA-501b, the permittee shall limit emissions of VOC to 0.13 pounds per gallon of applied coating solids and use Waterborne Materials and High Efficiency Applicators for minimizing VOC Emissions. (PSD Construction Permit Issued June 5, 2007 - BACT for VOC)

3.A.46 For Emission Point AA-501a and AA-501b, the permittee shall route the E-Coat Oven Exhaust to Emission Points AA-132a and AA-132b (Thermal Oxidizer) and maintain a minimum destruction efficiency for the E-Coat Oven of 95%. The permittee may elect to use the performance stack testing requirement of one or more of the applicable NSPS and/or MACT (40 CFR 60, Subpart MM, and 40 CFR 63, Subpart IIII, respectively), as described herein, to demonstrate compliance with the thermal oxidizer destruction efficiency, or the permittee may perform a separate performance stack test to demonstrate compliance with the said destruction efficiency. The performance stack test shall be performed in accordance with, and no less frequent than, that required by the NSPS and or MACT. (PSD Construction Permit Issued June 5, 2007 - BACT for VOC)

3.A.47 For Emission Points AA-502a, AA-502b, AA-503a, AA-503b, AA-604a, and AA-604b, the permittee shall use Wet Scrubbers or Dry Filtration for the Spray Application Areas for minimizing PM/PM10 Emissions. (PSD Construction Permit Issued June 5, 2007 - BACT for PM/PM10)

3.A.48 For Emission Points AA-502a, AA-502b, AA-503a, and AA-503b, the permittee shall limit the combined emissions of VOC to 4.8 pounds per gallon applied coating solids, use Waterborne Primer Surfacer/Basecoat material, and Solventborne Clearcoat materials. The permittee shall route the Primer Surfacer/Basecoat Heated Flash Zones, and Clearcoat Exterior Spray Application Zone Exhaust to Emission Points AA-133a (VOC abatement system (i.e., concentrator/thermal oxidizer)) and AA-133b (VOC abatement system (i.e., concentrator/thermal oxidizer)). (PSD Construction Permit Issued June 5, 2007 and March 11, 2011 - BACT for VOC)

3.A.49 For Emission Point AA-504a and AA-504b, the permittee shall route the Oven Exhaust to Emission Points AA-133a and AA-133b (Thermal Oxidizer) and maintain a minimum destruction efficiency of 95%. The permittee may elect to use the performance stack testing requirement of one or more of the applicable NSPS and/or MACT (40 CFR 60, Subpart MM, and 40 CFR 63, Subpart IIII, respectively), as described herein, to demonstrate compliance with the thermal oxidizer destruction efficiency, or the permittee may perform a separate performance stack test to demonstrate compliance with the said destruction efficiency. The performance stack test shall be performed in accordance with, and no less frequent than, that required by the NSPS and or MACT. (PSD Construction Permit Issued June 5, 2007 - BACT for VOC)

3.A.50 For Emission Point AA-600, the permittee shall limit emissions of PM/PM10 (filterable) to 10.1 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued June 5, 2007)

3.A.51 For Emission Point AA-600, the permittee shall utilize a Wet Scrubber or Dry Filter System for Spray Application Areas to minimize PM/PM10 Emissions. (Ref. PSD Construction Permit Issued June 5, 2007)

3.A.52 For Emission Point AA-600, the permittee shall limit emissions of VOC to 455.58 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued June 5, 2007)

3.A.53 For Emission Point AA-600, 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 Condition 3.54 of the Federally Enforceable Permit Herein. (Ref. PSD Construction Permit Issued June 5, 2007 - BACT for VOC)

3.A.54 For Emission Points AA-601a and AA-601b, the permittee shall limit emissions of VOC to 3.2 pounds per gallon for minimizing VOC emissions. (Ref. PSD Construction Permit Issued June 5, 2007)

3.A.55 For Emission Points AA-602a, AA-602b, AA-603a, and AA-603b, the permittee shall utilize Good Operating/Work Parameters for minimizing Mold Release and Slush Molding. (Ref. PSD Construction Permit Issued June 5, 2007 - BACT for VOC)

3.A.56 For Emission Points AA-604a and AA-604b, the permittee shall limit emissions of VOC to 2.2 pounds per gallon for minimizing VOC emissions. (Ref. PSD Construction Permit Issued June 5, 2007 - BACT for VOC)

3.A.57 For Emission Point AA-700, the permittee shall use Dry Filtration or Wet Scrubber(s) to minimize PM/PM10 Emissions. (Ref. PSD Construction Permit Issued June 5, 2007 - BACT for PM/PM10)

3.A.58 For Emission Point AA-700, the permittee shall limit emissions of PM/PM10 (filterable) to 6.6 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued June 5, 2007)

3.A.59 For Emission Point AA-700, 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 3.62 of the Federally Enforceable Permit Herein. (Ref. PSD Construction Permit Issued June 5, 2007 - BACT for VOC)

3.A.60 For Emission Point AA-700, the permittee shall limit emissions of VOC to 89.8 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued June 5, 2007)

3.A.61 For Emission Point AA-700, the permittee shall route the Curing Oven Exhaust from the Small Parts E-Coat Dip Tank and Fuel Tank Spray Booth Operations to the Thermal Oxidizer (Emission Points AA-132a and AA-132b) and maintain a minimum destruction efficiency of 95%. (Ref. PSD Construction Permit Issued June 5, 2007)

3.A.62 For Emission Point AA-800, the permittee shall use either Dry or Wet Filtration in Spray Application Areas for minimizing PM/PM10 Emissions. (Ref. PSD Construction Permit Issued June 5, 2007 - BACT for PM/PM10)

3.A.63 For Emission Point AA-800, the permittee shall limit emissions of PM/PM10 (filterable) to 6.7 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued June 5, 2007)

3.A.64 For Emission Point AA-800, the permittee shall limit emission of VOC to 0.3 pounds per gallon for Sealers, Adhesives, and Undercoat, and use Low VOC Content Material

and 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 3.67 of the Federally Enforceable Permit Herein. (Ref. PSD Construction Permit Issued June 5, 2007 - BACT for VOC)

3.A.65 For Emission Points AA-800, the permittee shall limit emissions of VOC to 176.1 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued June 5, 2007)

3.A.66 For Emission Points AA-900, the permittee shall utilize Good Work Practices to minimize Purge and Cleanup Solvent Emissions and Install and Operate a Purge Solvent Recovery System on the Body Clearcoat System. (Ref. PSD Construction Permit Issued June 5, 2007 - BACT for VOC)

3.A.67 For Emission Points AA-900, the permittee shall employ Low VOC Cleaners when technically feasible to minimize 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.67 of the Federally Enforceable Permit Herein. (Ref. PSD Construction Permit Issued June 5, 2007)

3.A.68 For Emission Points AA-900, the permittee shall limit emissions of VOC to 462.3 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued June 5, 2007)

3.A.69 For Emission Points AA-1000, the permittee shall use Particulate Filtration for minimizing PM/PM10 Emissions. (Ref. PSD Construction Permit Issued June 5, 2007 - BACT for PM/PM10)

3.A.70 For Emission Points AA-1000, the permittee shall limit emissions of PM/PM10 (filterable) to 0.25 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued June 5, 2007)

3.A.71 For Emission Points AA-1000, the permittee shall limit emissions of VOC to 6.5 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued June 5, 2007)

3.A.72 For Emission Points AA-1000, the permittee shall utilize Good Application Techniques for minimizing VOC Emissions. (Ref. PSD Construction Permit Issued June 5, 2007)

3.A.73 For Emission Point AA-1100, the permittee shall use Good Work Practices to minimize PM/PM10 Emissions. (PSD Construction Permit Issued June 5, 2007 - BACT for PM/PM10)

3.A.74 For Emission Point AA-1100, AA-1103a, and AA-1103b, the permittee shall limit emissions of PM/PM10 (filterable) to 2.6 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued June 5, 2007)

3.A.75 For Emission Point AA-1100 and AA-1200, the permittee shall use Good Work Practices to minimize VOC Emissions. (PSD Construction Permit Issued June 5, 2007 - BACT for VOC)

3.A.76 For Emission Point AA-1100, the permittee shall limit emissions of VOC to 83.6 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued June 5, 2007)

3.A.77 For Emission Point AA-1100, the permittee shall limit Employ Low VOC Materials 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 3.78 of the Federally Enforceable Permit Herein. (Ref. PSD Construction Permit Issued June 5, 2007)

3.A.78 For Emission Point AA-1100, the permittee shall use the Vehicle Onboard Vapor Recovery System on the Gasoline Filling Operations for minimizing VOC Emissions. (PSD Construction Permit Issued June 5, 2007)

3.A.79 For Emission Point AA-1100, the permittee shall use Good Work Practices to minimize NOx Emissions. (PSD Construction Permit Issued June 5, 2007 - BACT for NOx)

3.A.80 For Emission Point AA-1100, the permittee shall limit emissions of NOx to 4.6 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued June 5, 2007)

3.A.81 For Emission Point AA-1100, the permittee shall use Good Work Practices to minimize CO Emissions. (PSD Construction Permit Issued June 5, 2007 - BACT for CO)

3.A.82 For Emission Point AA-1100, the permittee shall limit emissions of CO to 13.5 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued June 5, 2007)

3.A.83 For Emission Point AA-1200, the permittee shall utilize Good Operating/Work Practices to minimize PM/PM10 and VOC Emissions. (PSD Construction Permit Issued June 5, 2007)

3.A.84 For Emission Point AA-1200, the permittee shall the permittee shall limit emissions of PM/PM10 (filterable) to 0.1 tons per year as determined for each consecutive 12-month period. (PSD Construction Permit Issued June 5, 2007)

3.A.85 For Emission Point AA-1200, the permittee shall use Good Work Practices to minimize VOC Emissions. (PSD Construction Permit Issued June 5, 2007 - BACT for VOC)

3.A.86 For Emission Point AA-1200, the permittee shall limit emissions of VOC to 1.0 tons per year as determined for each consecutive 12-month period. (PSD Construction Permit Issued June 5, 2007)

3.A.87 For Emission Points AA-500 thru AA-1200, the permittee is subject to 40 CFR 63, Subpart IIII, specifically 63.3082, and shall comply with the specific requirements for the following operations:

(a) All coating operations as defined in 40 CFR 63.3176.

(b) All storage containers and mixing vessels in which coatings, thinners, and cleaning materials are stored or mixed.

(c) All manual and automated equipment and containers used for conveying coatings, thinners, and cleaning materials.

(d) All storage containers and all manual and automated equipment and containers used for conveying waste materials generated by a coating operation.

(Ref. 40 CFR 63.3082 and PSD Construction Permit Issued June 5, 2007)

3.A.88 For Emission Points AA-500 thru AA-1200, the permittee shall comply with the following emission limitations for demonstrating compliance with 40 CFR 63.3090.

(a) The permittee shall limit combined organic HAP emissions to the atmosphere from electrodeposition primer, primer-surfacer, topcoat, final repair, glass bonding primer and glass bonding adhesive operations plus all coatings and thinners, except for deadener materials and for adhesive and sealer materials that are not components of glass bonding systems, used in coating operations added to the affected source pursuant to 40 CFR 63.3082(c) to no more than 0.30 pound (lb)/gallon (gal) of coating solids deposited during each month, determined according to the requirements in 40 CFR 63.3161.

(b) The permittee shall limit average organic HAP emissions from all adhesive and sealer materials other than materials used as components of glass bonding systems to no more than 0.010 lb/lb of adhesive and sealer material used during each month.

(c) The permittee shall limit average organic HAP emissions from all deadener materials to no more than 0.010 lb/lb of deadener material used during each month.

(d) For coatings and thinners used in coating operations added to the affected source pursuant to 40 CFR 63.3082(b):

(1) Adhesive and sealer materials that are not components of glass bonding systems are subject to and shall be included in the demonstration of compliance for paragraph (b) of this section.

(2) Deadener materials are subject to and shall be included in the demonstration of compliance for paragraph (c) of this section.

(3) All other coatings and thinners are subject to and shall be included in the demonstration of compliance for paragraphs (a) of this section.

(e) If the facility has multiple paint lines (*e.g.*, two or more totally distinct paint lines each serving a distinct assembly line, or a facility with two or more paint lines sharing the same paint kitchen or mix room), then for the operations addressed in paragraphs (a) of this section:

(1) The permittee may choose to use a single grouping under paragraph (a) of this section for all of the permittee's electrodeposition primer, primer-surfacer, topcoat, final repair, glass bonding primer, and glass bonding adhesive operations.

(2) The permittee may choose to use a single grouping under 40 CFR 63.3090(b) for all of the primer-surfacer, topcoat, final repair, glass bonding primer, and glass bonding adhesive operations as long as each of the electrodeposition primer systems meets the operating limits of 40 CFR 63.3092(a) or (b).

(3) The permittee may choose to use one or more groupings under paragraph (a) of this section for the electrodeposition primer, primer-surfacer, topcoat, final repair, glass bonding primer, and glass bonding adhesive operations from one or more of the permitteer paint lines; and one or more groupings under 40 CFR 63.3090(b) for the primer-surfacer, topcoat, final repair, glass bonding primer, and glass bonding adhesive operations from the remainder of the permitteer paint lines, as long as each electrodeposition primer system associated with each paint line the permittee include in a grouping under 40 CFR 63.3090(b) of this section meets the operating limits of 40 CFR 63.3092(a) or (b). For example, if the facility has three paint lines, the permittee may choose to use one grouping under paragraph (a) of this section for two of the paint lines; and a separate grouping under paragraph (b) of this section for the third paint line, as long as the electrodeposition primer system associated with the paint line the permittee includes in the grouping under paragraph (b) of this section meets the operating limits of 40 CFR 63.3092(a) or (b). Alternatively, the permittee may choose to use one grouping for two of

the paint lines and a separate grouping of the same type for the third paint line. Again, each electrodeposition primer system associated with each paint line the permittee includes in a grouping under paragraph (b) of this section shall meet the operating limits of 40 CFR 63.3092(a) or (b).

(4) The permittee may choose to consider the electrodeposition primer, primer-surfacer, topcoat, final repair, glass bonding primer, and glass bonding adhesive operations from each of the paint lines as a separate grouping under either paragraph (a) or 40 CFR 63.3090(b). The electrodeposition primer system associated with each paint line the permittee chooses to consider in a grouping under 40 CFR 63.3090(b) shall meet the operating limits of 40 CFR 63.3092(a) or (b). For example, if the facility has two paint lines, the permittee may choose to use the grouping under paragraph (a) of this section for one paint line and the grouping under 40 CFR 63.3090(b) for the other paint line.

(Ref. 40 CFR 63.3090((a) and (c) through (e)) and PSD Construction Permit Issued June 5, 2007)

3.A.89 For Emission Points AA-500 thru AA-1200, the permittee shall comply with the following Operating Limits as described by 40 CFR 63.3093.

(a) The permittee is not required to meet any operating limits for any coating operation(s) without add-on controls.

(b) Except as provided in paragraph (d) of this section, for any controlled coating operation(s), the permittee shall meet the operating limits specified in Table 1 to 40 CFR 63, Subpart IIII. These operating limits apply to the emission capture and add-on control systems on the coating operation(s) for which the permittee uses this option, and the permittee shall establish the operating limits during the performance test according to the requirements in 40 CFR 63.3167. The permittee shall meet the operating limits at all times after the permittee establishes them.

(c) If the permittee uses an add-on control device other than those listed in Table 1 to 40 CFR 63, Subpart IIII, or wish to monitor an alternative parameter and comply with a different operating limit, the permitttee shall apply to the DEQ for approval of alternative monitoring under 40 CFR 63.8(f).

(Ref. 40 CFR 63.3093((a), (b), and (d)) and PSD Construction Permit Issued June 5, 2007 and PSD Construction Permit Issued June 5, 2007)

3.A.90 For Emission Points AA-500 thru AA-1200, the permittee shall comply with the following for demonstrating continuous compliance with the Emission Limitations as described by 40 CFR 63.3173:

(a) To demonstrate continuous compliance with the applicable emission limit in40 CFR 63.3090(b) or 40 CFR 63.3091(b), the organic HAP emission rate for each compliance period determined according to the procedures in 40 CFR 63.3171 shall be equal to or less than the applicable emission limit in40 CFR63.3090(b) or 40 CFR 63.3091(b). A compliance period consists of 1 month. Each month after the end of the initial compliance period described in 40 CFR 63.3170 is a compliance period consisting of that month. The permittee shall perform the calculations in 40 CFR 63.3171 on a monthly basis.

(b) If the organic HAP emission rate for any 1 month compliance period exceeded the applicable emission limit in 40 CFR 63.3090(b) or 40 CFR 63.3091(b), this is a deviation from the emission limitation for that compliance period and shall be reported as specified in40 CFR63.3110(c)(6) and 63.3120(a)(6).

(c) The permittee shall meet the applicable requirements of 40 CFR 63.3163(c) through (j).

(Ref. 40 CFR 63.3173 and PSD Construction Permit Issued June 5, 2007)

3.A.91 For Emission Points AA-502a, AA-503a, and AA-504, the permittee is subject to Compliance Assurance Monitoring Provisions and shall comply with the facility's specific CAM Plan in Appendix B of this permit. The facility has 180 days from permit issuance to come into compliance with the CAM plan. (Ref. 40 CFR 64.2(a), 40 CFR 64.2(b)(i), and 40 CFR 64.5(a)(1) and 40 CFR 64.6(e)(2))

3.B. Insignificant Activities and Miscellaneous Emission Sources

3.B.1 For Emission Point AA-1500 and AA-1600, the maximum permissible emission of ash and/or 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. 11 Miss. Admin Code Pt. 2, R. 1.3.D(1)(a).)

3.B.2 For Emission Point AA-1500 and AA-1600, 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. 11 Miss. Admin Code Pt. 2, R. 1.3.D(1)(b).)

3.B.3 For Emission Point 1500 and AA-1600, the permittee shall not cause the maximum discharge of 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. 11 Miss. Admin Code Pt. 2, R. 1.3.H(1).)

3.B.4 For Emission Point AA-1500 and AA-1600, 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. 11 Miss. Admin Code Pt. 2, R. 1.4.A(1).)

3.C Miscellaneous

3.C.1 For Emission Points AA-101b thru AA-110b, AA-111 thru AA-123, AA-124b thru AA-127b, AA-128 thru AA-131, AA-132b thru AA-133b, AA-134, AA-141, AA-201b, AA-202b, AA-303, AA-305, AA-306, AA-308, AA-310, AA-311, AA-312b, AA-401b and c, AA-402a and b, AA-403b, AA-501b thru AA-504b, AA-600, AA-701b, AA-702 thru AA-703, AA-801b thru AA-806b, AA-901b thru AA-903b, AA-1001b thru AA-1003b, AA-1101b thru AA-1103b, AA-1201, and AA-1600, AA-101b through AA-134b, AA-111a, through AA-123a, AA-128a through AA-131a, AA-134a, AA-141a, AA-141b, AA-141c, AA-141d, AA-201b through AA-202b, AA-303, AA-305, AA-305a, AA-305b, AA-306, AA-306a, AA-306b, AA-308, AA-310, AA-311, AA-312b, AA-401b through AA-403b, AA-401c, AA-402a, AA-501b through AA-504b, AA-600, AA-701b through AA-703b, AA-702 through AA-703a, AA-801b through AA-806b, AA-901 through AA-903b, AA-1001b through AA-1003b, AA-1101b through AA-1103b, AA-1201, and AA-1600, the permittee is either completing construction and has yet to certify at the time of issuance of the Title V Permit to Operate herein or is constructing within the permitted terms and conditions, specifically Conditions I.13 and I.15, of the PSD Construction Permit Issued on June 6, 2007, and modified on March 11, 2011, and November 9, 2011. Upon commencement of operation, the permittee shall comply with the requirements of these emissions points as defined herein. (Ref. 11 Miss. Admin Code Pt. 2, R. 6.3.A(1)(a).)

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 MDEQ 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.: 11 Miss. Admin. Code Pt. 2, R. 6.3. C(5)(a), (c), & (d).)

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.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(b)(1).)

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.: 11 Miss. Admin. Code Pt. 2, R. 6.3.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.: 11 Miss. Admin. Code Pt. 2, R. 6.3.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.: 11 Miss. Admin. Code Pt. 2, R. 6.3.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 June 5, 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 June 5, 2007** **11 Miss. Admin Code Pt. 2, R. 6.3.A(1)(a).**
	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**	**PSD Construction Permit Issued June 5, 2007 and 11 Miss. Admin Code Pt. 2, R. 6.3.A(3).**
	BACT PM/PM10	**Monitoring of Good Combustion Practices and Monthly Recordkeeping of Fuel Quality and Quantity**	**5.B.9**	**PSD Construction Permit Issued June 5, 2007**
	BACT VOC			
	BACT NOx			
	BACT CO			
AA-132a, AA-132b, AA-133a, and AA-133b ***(Thermal Oxidizers)***	**Temperature Measurement Device**	**Installation, Monitoring, and Recording**	**5.B.10**	**40 CFR 60.394 and PSD Construction Permit Issued June 5, 2007**
			5.B.36	**40 CFR 63.3168(c)(3)**

Emission Point	Pollutant/ Parameter Monitored	Monitoring/Recordkeeping Requirement	Condition Number	Applicable Requirement
AA-134a and AA-134b ***(Natural Gas Fired Boilers)***	**PM/PM10**	**Monitoring and Monthly Recordkeeping of PM/PM10 Emissions during Distillate Fuel Usage**	**5.B.11**	**PSD Construction Permit Issued June 5, 2007**
	VOC	**Monitoring and Monthly Recordkeeping of VOC Emissions during Distillate Fuel Usage**	**5.B.12**	
	NOx BACT	**Monitoring and Monthly Recordkeeping of NOx Emissions during Distillate Fuel Usage and Good Combustion Techniques**	**5.B.13**	
	NOx			
	CO	**Monitoring and Monthly Recordkeeping of CO Emissions during Distillate Fuel Usage**	**5.B.14**	
	SO2	**Monitoring and Monthly Recordkeeping of SO2 Emissions during Distillate Fuel Usage**	**5.B.15**	
AA-200 ***(Emergency Support Equipment)***	**Monitoring**	**Monitoring Requirements**	**5.B.16**	**40 CFR 60.4209**
	Compliance	**Monitoring for Demonstrating Compliance Requirements**	**5.B.17**	**40 CFR 60.4211(a), (b)(1), (c), and (e)**
	PM/PM10	**Monitoring and Monthly Recordkeeping of PM/PM10 Emissions**	**5.B.18**	**PSD Construction Permit Issued June 5, 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**	**PSD Issued June 5, 2007 and 11 Miss. Admin Code Pt. 2, R. 6.3.A(3).**
AA-200 ***(Emergency Support Equipment)***	**BACT PM/PM10**	**Monitoring and Monthly Recordkeeping of Low Sulfur Fuel Oil**	**5.B.19**	**PSD Construction Permit Issued June 5, 2007**
	BACT VOC			
	BACT NOx			
	BACT SO2			

Emission Point	Pollutant/ Parameter Monitored	Monitoring/Recordkeeping Requirement	Condition Number	Applicable Requirement
AA-300 ***(Bulk Liquid Storage Tanks)***	**VOC BACT**	**Monitoring and Monthly Recordkeeping of Certification of Vapor Control Usage and Good Operating/Work Practices**	**5.B.20**	**PSD Construction Permit Issued June 5, 2007**
	Stage I Vapor Control (Gasoline Tank Only)			
	VOC	**Monitoring and Monthly Recordkeeping of VOC Emissions**	**5.B.5**	
AA-400 ***(Stamping and Bodyweld Shops, Steel and Steel Recycling Centers)***	**PM/PM10 BACT**	**Monitoring and Monthly Recordkeeping of Certification of Baghouse/Dry Filter Maintenance and Good Operating/Work Practices**	**5.B.21**	**PSD Construction Permit Issued June 5, 2007**
	PM/PM10	**Monitoring and Monthly Recordkeeping of PM/PM10 Emissions**	**5.B.4**	
	VOC	**Monitoring and Monthly Recordkeeping Certification of Low VOC Rust Preventative Oil**	**5.B.22**	
		Monitoring and Monthly Recordkeeping of VOC Emissions	**5.B.5**	
AA-403a and AA-403b ***(Mig Welding and Brazing)***	**PM/PM10**	**Monitoring and Monthly Recordkeeping of PM/PM10 Emissions.**	**5.B.4**	**PSD Construction Permit Issued June 5, 2007**
AA-500 ***(Primary Paint Shop)***	**Performance Testing and Compliance Provisions**	**Initial and Subsequent Performance Testing and Procedures**	**5.B.23**	**40 CFR 60.393(b) and (c)**
	Reference Methodology	**Reference Methods and Procedures**	**5.B.24**	**40 CFR 60.396**
	PM/PM10	**Monitoring and Monthly Recordkeeping of PM/PM10 Emissions**	**5.B.4**	**PSD Construction Permit Issued June 5, 2007**
	VOC	**Monitoring and Monthly Recordkeeping of VOC Emissions**	**5.B.5**	
	VOC BACT	**Monitoring and Monthly Recordkeeping of the Destruction Efficiency**	**5.B.25**	

Emission Point	Pollutant/ Parameter Monitored	Monitoring/Recordkeeping Requirement	Condition Number	Applicable Requirement
AA-501a, AA-501b, AA-502a, AA-502b, AA-503a, and AA-503b ***(Body E-Coat Dip Tank and Curing Oven, Primer Surfacer Booth and Topcoat Booth)***	**VOC BACT**	**Monitoring and Monthly Recordkeeping of VOC Quality and Quantity**	**5.B.26**	**PSD Construction Permit Issued June 5, 2007**
AA-502a, AA-502b, AA-503a, and AA-503b ***(Primer Surfacer Booth and Topcoat Booth)***	**PM/PM10 BACT**	**Monitoring and Monthly Recordkeeping of Certification of Wet Scrubber or Dry Filtration Usage and Good Operating/Work Practices**	**5.B.2`**	**PSD Construction Permit Issued June 5, 2007**
AA-600 ***(Plastic Shop)***	**VOC**	**Monitoring and Monthly Recordkeeping of VOC Emissions**	**5.B.5**	**PSD Construction Permit Issued June 5, 2007**
	PM/PM10	**Monitoring and Monthly Recordkeeping of PM/PM10 Emissions**	**5.B.4**	
AA-601a and AA-601b ***(Interior Parts Spray Booth and Curing Oven)***	**PM/PM10 BACT**	**Monitoring and Monthly Recordkeeping of Certification of Wet Scrubber or Dry Filtration System and Good Operating/Work Practices**	**5.B.21**	**PSD Construction Permit Issued June 5, 2007**
AA-601a, AA-601b, AA-604a, and AA-604b ***(Interior Parts Spray Booth and Curing Oven, and Bumper Spray Booth and Curing Oven)***	**VOC BACT**	**Monitoring and Monthly Recordkeeping of VOC Quality and Quantity**	**5.B.26**	**PSD Construction Permit Issued June 5, 2007**
	VOC	**Monitoring and Monthly Recordkeeping of VOC Emissions**	**5.B.5**	
AA-602a, AA-602b, AA-603a, and AA-6003b ***(Injection and Slush Molding)***	**VOC BACT**	**Monitoring and Monthly Recordkeeping of Certification of Good Operating/Work Practices**	**5.B.22**	**PSD Construction Permit Issued June 5, 2007**
	VOC	**Monitoring and Monthly Recordkeeping of VOC Emissions**	**5.B.5**	

Emission Point	Pollutant/ Parameter Monitored	Monitoring/Recordkeeping Requirement	Condition Number	Applicable Requirement
AA-604a and AA-604b ***(Bumper Spray Booth and Curing Oven)***	**PM/PM10 BACT**	**Monitoring and Monthly Recordkeeping of Certification of Wet Scrubber Usage and Good Operating/Work Practices**	**5.B.21**	**PSD Construction Permit Issued June 5, 2007**
AA-700 ***(Misc. Metal Coating)***	**VOC BACT**	**Monitoring and Monthly Recordkeeping of Certification of Low VOC Content Material and Good Operating/Work Practices**	**5.B.22**	**PSD Construction Permit Issued June 5, 2007**
	VOC	**Monitoring and Monthly Recordkeeping of VOC Emissions**	**5.B.5**	
	PM/PM10 BACT	**Monitoring and Monthly Recordkeeping of Certification of Dry Filtration or Wet Scrubber Usage and Good Operating/Work Practices**	**5.B.21**	
	PM/PM10	**Monitoring and Monthly Recordkeeping of PM/PM10 Emissions**	**5.B.4**	
AA-800 ***(Misc. Body Coating)***	**PM/PM10 BACT**	**Monitoring and Monthly Recordkeeping of Certification of Dry Filtration or Wet Filtration Usage and Good Operating/Work Practices**	**5.B.21**	**PSD Construction Permit Issued June 5, 2007**
	PM/PM10	**Monitoring and Monthly Recordkeeping of PM/PM10 Emissions**	**5.B.4**	
	VOC BACT	**Monitoring and Monthly Recordkeeping of VOC Quality and Quantity**	**5.B.26**	
	VOC	**Monitoring and Monthly Recordkeeping of VOC Emissions**	**5.B.5**	
AA-500 thru AA-1200	**Work Practice Standards**	**Develop and Implement Work Practice Plan**	**5.B.28**	**40 CFR 63.3094**
	Compliance Demonstratiom	**General Compliance Requirements**	**5.B.29**	**40 CFR 63.3100**
	Demonstrating Compliance	**Continuous Compliance with Emission Limitations**	**5.B.30**	**40 CFR 63.3152**
			5.B.31	**40 CFR 63.3163**

Emission Point	Pollutant/ Parameter Monitored	Monitoring/Recordkeeping Requirement	Condition Number	Applicable Requirement
AA-500 thru AA-1200	Performance Testing	General Requirements	5.B.32	40 CFR 63.3164
		Emission Capture System Efficiency	5.B.33	40 CFR 63.3165
		Determining Add-on Control Emission Destruction or Removal Efficiency	5.B.34	40 CFR 63.3166
		Establishing Operating Limits for Add-on Control Device	5.B.35	40 CFR 63.3167((a), (c), and (e))
	Continuous Parameter Monitoring System	Installation, Operation, and Maintenance	5.B.36	40 CFR 63.3168(a through d) and (d) and (f))
	Demonstrating Compliance	Continuous Compliance with Emission Limitations	5.B.37	40 CFR 63.3173
AA-900 *(Misc. Process Cleaning)*	VOC BACT	Monitoring and Monthly Recordkeeping of Certification of Good Operating/Work Practices	5.B.27	PSD Construction Permit Issued June 5, 2007
	VOC	Monitoring and Monthly Recordkeeping of VOC Emissions	5.B.5	
AA-1000 *(Paint Repair)*	PM/PM10 BACT	Monitoring and Monthly Recordkeeping of Certification of Particulate Filtration and Good Operating/Work Practices	5.B.27	PSD Construction Permit Issued June 5, 2007
	PM/PM10	Monitoring and Monthly Recordkeeping of PM/PM10 Emissions	5.B.4	
	VOC	Monitoring and Monthly Recordkeeping of VOC Emissions	5.B.5	
AA-1100 *(Assembly Final Line)*	VOC BACT	Monitoring and Monthly Recordkeeping of Certification of Good Operating/Work Practices	5.B.27	PSD Construction Permit Issued June 5, 2007
	NOx BACT			
	CO BACT			
	VOC	Monitoring and Monthly Recordkeeping of VOC Emissions	5.B.5	
	NOx	Monitoring and Monthly Recordkeeping of NOx Emissions	5.B.6	

Emission Point	Pollutant/ Parameter Monitored	Monitoring/Recordkeeping Requirement	Condition Number	Applicable Requirement
AA-1100 ***(Assembly Final Line)***	**CO**	**Monitoring and Monthly Recordkeeping of CO Emissions**	**5.B.7**	**PSD Construction Permit Issued June 5, 2007**
	Onboard Vapor Control	**Monitoring and Monthly Recordkeeping of Certification of Vapor Control Usage and Good Operating/Work Practices**	**5.B.20**	
AA-1200 ***(Marshalling Yard)***	**VOC BACT**	**Monitoring and Monthly Recordkeeping of Certification of Good Operating/Work Practices**	**5.B.27**	**PSD Construction Permit Issued June 5, 2007**
	PM/PM10			
	PM/PM10	**Monitoring and Monthly Recordkeeping of PM/PM10 Emissions**	**5.B.4**	
	VOC	**Monitoring and Monthly Recordkeeping of VOC Emissions**	**5.B.5**	

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 Section 3.A9 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 June 5, 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 June 5, 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 June 5, 2007)

5.B.4 For Emission Point AA-100, AA-200, AA-400, AA-500, AA-600, AA-700, AA-800, AA-1000, AA-1100, and AA-1200,the permittee shall determine compliance with PM/PM10 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: PM Emissions (lbs/hr) = Paint Usage (gal/hr) x Paint Density (lbs/gal) x Solids Content (weight fraction) x (1 – Transfer Efficiency in percent/100) x (1 – 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 under Conditions 3.A.10, 3.A.11, 3.A.19, 3.A.20, 3.A.36, 3.A.37, 3.A.38, 3.A.42, 3.A.50, 3.A.51, 3.A.57, 3.A.58, 3.A.62, 3.A.63, 3.A.69, 3.A.70, 3.A.73, 3.A.74 and 3.A.84 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)

(Ref.: PSD Construction Permit Issued June 5, 2007)

5.B.5 For Emission Point AA-100, AA-200, AA-300, AA-309, AA-400, AA-401, AA-500, AA-600, AA-601a, AA-601b, AA-602a, AA-602b, AA-603a, AA-603b, AA-604a, AA-604b, AA-700, AA-800, AA-900, AA-1000, AA-1100, and AA-1200, 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.10, 3.A.12, 3.A.19, 3.A.21, 3.A.32, 3.A.33, 3.A.34, 3.A.35, 3.A.39, 3.A.40, 3.A.41, 3.A.43, 3.A.45, 3.A.46, 3.A.48, 3.A.53, 3.A.54, 3.A.55, 3.A.56, 3.A.59, 3.A.60, 3.A.61, 3.A.64, 3.A.65, 3.A.66, 3.A.67, 3.A.68, 3.A.71, 3.A.72, 3.A.75, 3.A.76, 3.A.77, 3.A.78, 3.A.85, and 3.A.86 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 applicable pollutant specific emission limitations/requirements described have been met.

(Ref.: PSD Construction Permit Issued June 5, 2007)

5.B.6 For Emission Point AA-100, AA-200, and AA-1100, the permittee shall determine the following for NOx 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 NOx 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.13, 3.A.13, 3.A.19, 3.A.22, 3.A.79, and 3.A.80 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 applicable pollutant specific emission limitations/requirements described have been met.
(Ref.: PSD Construction Permit Issued)

5.B.7 For Emission Point AA-100, AA-200, and AA-1100, 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 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.14, 3.A.19, 3.A.23, 3.A.81, and 3.A.82 have been met.

(PSD Construction Permit Issued June 5, 2007)

5.B.8 For Emission Point AA-100 and AA-200, the permittee shall determine the SO2 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. (PSD Construction Permit Issued June 5, 2007)

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.15 and 3.A.24 have been met.

(PSD Construction Permit Issued June 5, 2007 and 11 Miss. Admin Code Pt. 2, R. 6.3.A(3).)

5.B.9 For Emission Point AA-100, the permittee shall monitor and maintain sufficient monthly records to document the Quality and Quantity of Fuel Combusted and that Good Combustion Practices were utilized for demonstrating compliance with Section (BACT Limits for PM/PM10, VOC, NOx, and CO) of the permit herein. (Ref. PSD Construction Permit Issued June 5, 2007)

5.B.10 For Emission Points AA-132a, AA-132b, AA-133a, and AA-133b, the permittee shall install, calibrate, maintain, and operate temperature measurement devices as prescribed below:

(a) A temperature measurement device shall be installed in the firebox.

(b) Each temperature measurement device shall be installed, calibrated, and maintained according to accepted practice and the manufacturer's specifications. The device shall have an accuracy of the greater of ±5 percent of the temperature being measured expressed in degrees Celsius or ±2.5 °C.

(c) Each temperature measurement device shall be equipped with a recording device so that a permanent record is produced.

The permittee shall also comply with the specific requirements of 40 CFR 63.3168(c)(3) and detailed in Condition 5.B.36 of the federally enforceable permit herein for this emission point. If the permittee elects to maintain electronic records for demonstrating compliance with this condition then the permittee shall implement a system that does not contravene any other overlapping federal or state requirement that the permittee is subject to via this condition and implement the necessary backup procedures to maintain this system accordingly.

(Ref. 40 CFR 60.394, 40 CFR 63.3168(c)(3) and PSD Construction Permit Issued June 5, 2007)

5.B.11 For Emission Points AA-134a and AA-134b, during periods of Distillate Fuel Usage Only, the permittee shall determine compliance with the PM/PM10 Emission Limitations described in Condition 3.A.11. The permittee shall maintain records sufficient enough to demonstrate that the permittee is in compliance with the Emission Limitation(s). (Ref. PSD Construction Permit Issued June 5, 2007)

5.B.12 For Emission Points AA-134a and AA-134b, during periods of Distillate Fuel Usage Only, the permittee shall determine compliance with the VOC Emission Limitations described in Condition 3.A.12. The permittee shall maintain records sufficient enough to demonstrate that the permittee is in compliance with the Emission Limitation(s). (Ref. PSD Construction Permit Issued June 5, 2007)

5.B.13 For Emission Points AA-134a and AA-134b, during periods of Distillate Fuel Usage Only, the permittee shall determine compliance with the NOx Emission Limitations described in Condition 3.A.13 and utilize Good Combustion Techniques. The permittee shall maintain records sufficient enough to demonstrate that the permittee is in compliance with the Emission Limitation(s). (Ref. PSD Construction Permit Issued June 5, 2007)

5.B.14 For Emission Points AA-134a and AA-134b, during periods of Distillate Fuel Usage Only, the permittee shall determine compliance with the CO Emission Limitations described in Condition 3.A.14. The permittee shall maintain records sufficient enough to demonstrate that the permittee is in compliance with the Emission Limitation(s). (Ref. PSD Construction Permit Issued June 5, 2007)

5.B.15 For Emission Points AA-134a and AA-134b, during periods of Distillate Fuel Usage Only, the permittee shall determine compliance with the SO2 Emission Limitations described in Condition 3.A.15. The permittee shall maintain records sufficient enough to demonstrate that the permittee is in compliance with the Emission Limitation(s). (Ref. PSD Construction Permit Issued June 5, 2007)

5.B.16 For Emission Point AA-200, 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.17 For Emission Point AA-200, the permittee shall comply with the following for demonstrating compliance with 40 CFR 60, Subpart I:

(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.18 For Emission Point AA-200, the permittee shall determine compliance with the PM/PM10 Emission Limitations described in Condition 3.A.20. The permittee shall maintain records sufficient enough to demonstrate that the permittee is in compliance with the Emission Limitation(s). 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 Section have been met. (Ref. PSD Construction Permit Issued June 5, 2007)

5.B.19 For Emission Point AA-200, the permittee shall maintain sufficient monthly records to document the use of Low Sulfur Fuel Oil for demonstrating compliance with Condition 3.A.19 (BACT Requirement for PM/PM10, VOC, NOx, and CO) of the permit herein. (Ref. PSD Construction Permit Issued June 5, 2007)

5.B.20 For Emission Point AA-300, AA-309, and AA-1100 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 Conditions 3.A.32, 3.A.34, and 3.A.78 of the permit herein. (PSD Construction Permit Issued June 5, 2007)

5.B.21 For Emission Point AA-400, AA-502a, AA-502b, AA-503a, AA-503b, AA-601a, AA-01b, AA-604a, AA-604b, AA-700, and AA-800, 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. 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.36, 3.A.47, 3.A.53, 3.A.57, and 3.A.62 of the PSD Permit to Construct Issued on June 5, 2007 for Emission Points AA-400, AA-502a, AA-502b, AA-503a, AA-503b, AA-601a, AA-601b, AA-604a,

AA-604b, AA-700, and AA-800, 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 June 5, 2007)

5.B.22 For Emission Point AA-400, AA-401a, AA-401b, AA-401c, AA-602a, AA-602b, AA-603a, AA-603b, and AA-700, 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 Condition 3.A.39, 3.A.41, 3.A.55, and 3.A.59 of the PSD Construct Permit Issued on June 5, 2007 for Emission Points AA-400, AA-401a, AA-401b, AA-602a, AA-602b, AA-603a, AA-603b, and AA-700, 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. 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 June 5, 2007)

5.B.23 For Emission Point AA-500, the permittee shall comply with the following Performance Testing and Compliance Provisions for determining compliance with 40 CFR 60, Subpart MM:

(a) The permittee shall conduct an initial performance test in accordance with 40 CFR 60.8(a) and thereafter for each calendar month for each affected source according to the procedures in this section.

(b) The permittee shall use the following procedures for determining the monthly volume weighted average mass of VOC emitted per volume of applied coating solids.

(1) The permittee shall use the following procedures for each affected source which does not use a capture system and a control device to comply with the applicable emission limit specified in 40 CFR 60.392 via the Emission Limit in Condition 3.A.43 the permit herein.

(i) Calculate the volume weighted average mass of VOC per volume of applied coating solids for each calendar month for each affected

source. The permittee shall determine the composition of the coatings by formulation data supplied by the manufacturer of the coating or from data determined by an analysis of each coating, as received, by Method 24. The DEQ may require the permittee who uses formulation data supplied by the manufacturer of the coating to determine data used in the calculation of the VOC content of coatings by Method 24 or an equivalent or alternative method. The permittee shall determine from company records on a monthly basis the volume of coating consumed, as received, the mass of solvent used for thinning purposes. The volume weighted average of the total mass of VOC per volume of coating solids used each calendar month will be determined by the following procedures.

(A) Calculate the mass of VOC used in each calendar month for each affected source by the following equation where "n" is the total number of coatings used and "m" is the total number of VOC solvents used:

$$M_o + M_d = \sum_{i=1}^{n} L_{oi} D_{oi} W_{oi} + \sum_{j=1}^{m} L_{dj} D_{dj}$$

[$\Sigma L_{dj} D_{dj}$ will be zero if no VOC solvent is added to the coatings, as received].

(B) Calculate the total volume of coating solids used in each calendar month for each affected facility by the following equation where "n" is the total number of coatings used:

$$L_s = \sum_{i=1}^{n} L_{oi} V_{si}$$

(C) Select the appropriate transfer efficiency (T) from the following tables for each surface coating operation:

Application method	Transfer Efficiency
Air Atomized Spray (waterborne coating)	0.39
Air Atomized Spray (solvent-borne coating)	0.50
Manual Electrostatic Spray	0.75
Automatic Electrostatic Spray	0.95

Electrodeposition	1.00

The values in the table above represent an overall system efficiency which includes a total capture of purge. If a spray system uses line purging after each vehicle and does not collect any of the purge material, the following table shall be used:

Application method	Transfer Efficiency
Air Atomized Spray (waterborne coating)	0.30
Air Atomized Spray (solvent-borne coating)	0.40
Manual Electrostatic Spray	0.62
Automatic Electrostatic Spray	0.75

If the permittee can justify to the DEQ's satisfaction that other values for transfer efficiencies are appropriate, the DEQ will approve their use on a case-by-case basis.

(*1*) When more than one application method (*l*) is used on an individual surface coating operation, the permittee shall perform an analysis to determine an average transfer efficiency by the following equation where "n" is the total number of coatings used and "p" is the total number of application methods:

$$T = \frac{\sum_{i=1}^{n} T_l V_{si} L_{oil}}{\sum_{i=1}^{p} L_s}$$

(D) Calculate the volume weighted average mass of VOC per volume of applied coating solids (G) during each month for each affected facility by the following equation:

$$G = \frac{M_o + M_d}{L_S T}$$

(E) For each EDP prime coat operation, calculate the turnover ratio (R_T) by the following equation:

$$R_T = \frac{L_S}{L_E}$$, truncated after 3 decimal places.

Then calculate or select the appropriate limit according to 40 CFR 60.392(a) via the Emission Limit in Section of the permit herein.

(ii) If the volume weighted average mass of VOC per volume of applied coating solids (G), calculated on a calendar month basis, is less than or equal to the applicable emission limit specified in 40 CFR 60.392 via the Emission Limit in Section of the permit herein, the affected source is in compliance. Each monthly calculation is a performance test for the purpose of this subpart.

(2) The permittee shall use the following procedures for each facility which uses a capture system and a control device that destroys VOC (e.g., incinerator) to comply with the applicable emission limit specified under 40 CFR 60.392 via the Emission Limit in Section of the permit herein.

(i) Calculate the volume weighted average mass of VOC per volume of applied coating solids (G) during each calendar month for each affected source as described under 40 CFR 60.393(c)(1)(i).

(ii) Calculate the volume weighted average mass of VOC per volume of applied solids emitted after the control device, by the following equation: N=G[1–FE]

(A) Determine the fraction of total VOC which is emitted by an affected facility that enters the control device by using the following equation where “n” is the total number of stacks entering the control device and “p” is the total number of stacks not connected to the control device:

$$\sum_{i=1}^{n}$$

If the permittee can justify to the DEQ's satisfaction that another method will give comparable results, the DEQ will approve its use on a case-by-case basis.

(*1*) In subsequent months, the permittee shall use the most recently determined capture fraction for the performance test.

(B) Determines the destruction efficiency of the control device using values of the volumetric flow rate of the gas streams and the VOC content (as carbon) of each of the gas streams in and out of the device by the following equation where “n”

is the total number of stacks entering the control device and "m" is the total number of stacks leaving the control device:

$$E = \frac{\sum_{i=1}^{n} QbiCbi - \sum_{j=1}^{m} QajCaj}{\sum_{i=1}^{n} QbiCbi}$$

(*1*) In subsequent months, the permittee shall use the most recently determined VOC destruction efficiency for the performance test.

(C) If an emission control device controls the emissions from more than one affected source, the permittee shall measure the VOC concentration (C_{bi}) in the effluent gas entering the control device (in parts per million by volume) and the volumetric flow rate (Q_{bi}) of the effluent gas (in dry standard cubic meters per hour) entering the device through each stack. The destruction or removal efficiency determined using these data shall be applied to each affected facility served by the control device.

(iii) If the volume weighted average mass of VOC per volume of applied solids emitted after the control device (N) calculated on a calendar month basis is less than or equal to the applicable emission limit specified in 40 CF 60.392 via the Emission Limit in Section of the permit herein, the affected source is in compliance. Each monthly calculation is a performance test for the purposes of this subpart.

(3) The permittee shall use the following procedures for each affected facility which uses a capture system and a control device that recovers the VOC (e.g., carbon adsorber) to comply with the applicable emission limit specified under 40 CFR 60.392 via the Emission Limit in Section of the permit herein.

(i) Calculate the mass of VOC (M_o+M_d) used during each calendar month for each affected source as described under 40 CFR 60.393(b)(1)(i).

(ii) Calculate the total volume of coating solids (L_s) used in each calendar month for each affected source as described under 40 CFR 60.393(b)(1)(i).

(iii) Calculate the mass of VOC recovered (M_r) each calendar month for each affected source by the following equation: $M_r=L_r D_r$

(iv) Calculate the volume weighted average mass of VOC per volume of applied coating solids emitted after the control device during a calendar month by the following equation:

$$N = \frac{M_o + M_d - M_r}{L_s T}$$

(v) If the volume weighted average mass of VOC per volume of applied solids emitted after the control device (N) calculated on a calendar month basis is less than or equal to the applicable emission limit specified in 40 CFR 60.392 via Emission Limit in Section of the permit herein, the affected source is in compliance. Each monthly calculation is a performance test for the purposes of this subpart.

(Ref. 40 CFR 60.393(b) and (c))

5.B.24 For Emission Point AA-500, the permittee shall utilize the following Reference Methodology for determining compliance with 40 CFR 60, Subpart MM:

(a) The reference methods in 40 CFR 60, Appendix A, except as provided in 40 CFR 60.8 shall be used to conduct performance tests.

(1) Method 24 or an equivalent or alternative method approved by the DEQ shall be used for the determination of the data used in the calculation of the VOC content of the coatings used for each affected facility. Manufacturers' formulation data is approved by the DEQ as an alternative method to Method 24. In the event of dispute, Method 24 shall be the referee method.

(2) Method 25 or an equivalent or alternative method approved by the DEQ shall be used for the determination of the VOC concentration in the effluent gas entering and leaving the emission control device for each stack equipped with an emission control device and in the effluent gas leaving each stack not equipped with a control device.

(3) The following methods shall be used to determine the volumetric flow rate in the effluent gas in a stack:

(i) Method 1 for sample and velocity traverses,

(ii) Method 2 for velocity and volumetric flow rate,

(iii) Method 3 for gas analysis, and

(iv) Method 4 for stack gas moisture.

(b) For Method 24, the coating sample shall be a 1-liter sample taken in a 1-liter container.

(c) For Method 25, the sampling time for each of three runs shall be at least one hour. The minimum sample volume shall be 0.003 dscm except that shorter sampling times or smaller volumes, when necessitated by process variables or other factors, may be approved by the DEQ. The DEQ will approve the sampling of representative stacks on a case-by-case basis if the permittee can demonstrate to the satisfaction of the DEQ that the testing of stacks would yield results comparable to those that would be obtained by testing all stacks.

(Ref. 40 CFR 60.396)

5.B.25 For Emission Point AA-500, the permittee shall maintain sufficient monthly records to document the Thermal Oxidizer (TO) Destruction Efficiency for demonstrating compliance with Section of the permit herein.
(Ref.: PSD Construction Permit Issued June 5, 2007)

5.B.26 For Emission Point AA-501a, AA-501b, AA-502a, AA-502b, AA-503a, AA-503b, A-601a, AA-601b, AA-604a, AA-604b, and AA-800 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 Section of the permit herein.

(Ref.: PSD Construction Permit issued

5.B.27 For Emission Point AA-900, AA-1000, AA-1100, and AA-1200, the permittee shall perform and maintain sufficient records to document Good Operating/Work Practices

have been utilized for minimizing PM/PM10, VOC, NOx, and CO. 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 Section of the PSD Construction Permit Issued on June 5, 2007, for Emission AA-900, AA-1000, AA-1100, and AA-1200, I certify that, to the best of my knowledge and belief, Good Operating/Work Practices have been utilized for minimizing PM/PM10, VOC, NOx, and CO 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 June 5, 2007)

5.B.28 For Emission Points AA-500 thru AA-1200, the permittee shall develop and implement a work practice plan as described by 40 CFR 63.3094 to minimize organic HAP emissions from the storage, mixing, and conveying of coating, thinners, and cleaning materials used in, and waste materials generated by, all coating operations for which emission limits are established under 40 CFR 63.3090(a) through (d). As defined in 40 CFR 63.3094(e), the work practice plan is not required to be incorporated into the Title V Permit herein. (Ref. 40 CFR 63.3094 and PSD Construction Permit Issued June 5, 2007)

5.B.29 For Emission Points AA-500 thru AA-1200, the permittee shall comply with the following General Requirements for determining compliance with the Compliance Demonstration as described by 40 CFR 63.3100:

(a) The permittee shall be in compliance with the emission limitations in 40 CFR 63.3090 and 63.3091 at all times, as determined on a monthly basis.

(b) The coating operations shall be in compliance with the operating limits for emission capture systems and add-on control devices required by 40 CFR 63.3093 at all times except during periods of startup, shutdown, and malfunction.

(c) The permittee shall be in compliance with the work practice standards in 40 CFR 63.3094 at all times.

(d) The permittee shall always operate and maintain the permittee affected source including all air pollution control and monitoring equipment the permittee use for purposes of complying with this subpart according to the provisions in 40 CFR 63.6(e)(1)(i).

(e) The permittee shall maintain a log detailing the operation and maintenance of the emission capture systems, add-on control devices, and continuous parameter monitoring systems (CPMS) during the period between the compliance date specified for the permitteer affected source in 40 CFR 63.3083 and the date when

the initial emission capture system and add-on control device performance tests have been completed, as specified in 40 CFR 63.3160.

(f) If the affected source uses emission capture systems and add-on control devices, the permittee shall develop a written startup, shutdown, and malfunction plan (SSMP) according to the provisions in 40 CFR 63.6(e)(3). The SSMP shall address startup, shutdown, and corrective actions in the event of a malfunction of the emission capture system or the add-on control devices.

(Ref. 40 CFR 63.3100 and PSD Construction Permit Issued June 5, 2007)

5.B.30 For Emission Points AA-500 thru AA-1200, the permittee shall comply with the following for demonstrating Continuous Compliance with Emission Limitations as described by 40 CFR 63.3152:

(a) To demonstrate continuous compliance, the mass average organic HAP content for each compliance period, determined according to 40 CFR 63.3151(a) through (d), shall be less than or equal to the applicable emission limit in 40 CFR 63.3090(c) and (d) or 40 CFR 63.3091(c) and (d). A compliance period consists of 1 month. Each month after the end of the initial compliance period described in 40 CFR 63.3150 is a compliance period consisting of that month.

(b) If the mass average organic HAP emission content for any compliance period exceeds the applicable emission limit in 40 CFR 63.3090(c) and (d) or 40 CFR 63.3091(c) and (d), this is a deviation from the emission limitations for that compliance period and shall be reported as specified in 40 CFR 63.3110(c)(6) and 63.3120(a)(5).

(c) The permittee shall maintain records as specified in 40 CFR 63.3130 and 63.3131.

(Ref. 40 CFR 63.3152 and PSD Construction Permit Issued June 5, 2007)

5.B.31 For Emission Points AA-500 thru AA-1200, the permittee shall comply with the following
for demonstrating Continuous Compliance with Emission Limitations as described by 40 CFR 63.3163:

(a) To demonstrate continuous compliance with the applicable emission limit in 40 CFR 63.3090(a) or 40 CFR63.3091(a), the organic HAP emission rate for each compliance period, determined according to the procedures in 40 CFR63.3161, shall be equal to or less than the applicable emission limit in 40 CFR63.3090(a) or 40 CFR 63.3091(a). A compliance period consists of 1 month. Each month after the end of the initial compliance period described in 40 CFR 63.3160 is a compliance period consisting of that month. The permittee shall perform the calculations in 40 CFR63.3161 on a monthly basis.

(b) If the organic HAP emission rate for any 1 month compliance period exceeded the applicable emission limit in 40 CFR 63.3090(a) or 40 CFR 63.3091(a), this is a deviation from the emission limitation for that compliance period and shall be reported as specified in 40 CFR 63.3110(c)(6) and 63.3120(a)(6).

(c) The permittee shall demonstrate continuous compliance with each operating limit required by 40 CFR 63.3093 that applies to the permittee, as specified in 40 CFR 63, Subpart IIII, Table 1.

(1) If an operating parameter is out of the allowed range specified in 40 CFR 63, Subpart IIII, Table 1, this is a deviation from the operating limit that shall be reported as specified in 40 CFR 63.3110(c)(6) and 63.3120(a)(6).

(2) If an operating parameter deviates from the operating limit specified in 40 CFR 63, Supart IIII, Table 1, then the permittee shall assume that the emission capture system and add-on control device were achieving zero efficiency during the time period of the deviation except as provided in 40 CFR 63.3161(p).

(d) The permittee shall meet the requirements for bypass lines in 40 CFR 63.3168(b) for control devices other than solvent recovery systems for which the permittee conduct liquid-liquid material balances. If any bypass line is opened and emissions are diverted to the atmosphere when the coating operation is running, this is a deviation that shall be reported as specified in 40 CFR 63.3110(c)(6) and 63.3120(a)(6). For the purposes of completing the compliance calculations specified in 40 CFR 63.3161(k), the permittee shall assume that the emission capture system and add-on control device were achieving zero efficiency during the time period of the deviation.

(e) The permittee shall demonstrate continuous compliance with the work practice standards in 40 CFR 63.3094. If the permittee did not develop a work practice plan, if the permittee did not implement the plan, or if the permittee did not keep the records required by 40 CFR 63.3130(n), this is a deviation from the work practice standards that shall be reported as specified in 40 CFR 63.3110(c)(6) and 63.3120(a)(6).

(f) If there were no deviations from the emission limitations, submit a statement as part of the semiannual compliance report that the permittee was in compliance with the emission limitations during the reporting period because the organic HAP emission rate for each compliance period was less than or equal to the applicable emission limit in 40 CFR 63.3090(a) or 40 CFR 63.3091(a), and the permittee achieved the operating limits required by 40 CFR 63.3093 and the work practice standards required by 40 CFR 63.3094 during each compliance period.

(g) Consistent with 40 CFR 63.6(e) and 63.7(e)(1), deviations that occur during a period of startup, shutdown, or malfunction of the emission capture system, add-on control device, or coating operation that may affect emission capture or control device efficiency are not violations if the permittee demonstrate to the MDEQ's satisfaction that the permittee were operating in accordance with40 CFR63.6(e)(1). The MDEQ will determine whether deviations that occur during a period the permittee identify as a startup, shutdown, or malfunction are violations according to the provisions in 40 CFR 63.6(e).

(h) The permittee shall maintain records as specified in 40 CFR 63.3130 and 63.3131.

(Ref. 40 CFR 63.3163 and PSD Construction Permit Issued June 5, 2007).

5.B.32 For Emission Points AA-500 thru AA-1200, the permittee shall comply with the following for demonstrating compliance with the General Requirements for Performance Testing as described by 40 CFR 63.3164:

(a) The permittee shall conduct each performance test required by 40 CFR 63.3160 according to the requirements in 40 CFR 63.7(e)(1) and under the conditions in this section unless the permittee obtain a waiver of the performance test according to the provisions in 40 CFR 63.7(h).

(3) *Representative coating operation operating conditions.* The permittee shall conduct the performance test under representative operating conditions for the coating operation. Operations during periods of startup, shutdown, or malfunction, and during periods of nonoperation do not constitute representative conditions. The permittee shall record the process information that is necessary to document operating conditions during the test and explain why the conditions represent normal operation.

(4) *Representative emission capture system and add-on control device operating conditions.* The permittee shall conduct the performance test when the emission capture system and add-on control device are operating at a representative flow rate, and the add-on control device is operating at a representative inlet concentration. The permittee shall record information that is necessary to document emission capture system and add-on control device operating conditions during the test and explain why the conditions represent normal operation.

(b) The permittee shall conduct each performance test of an emission capture system according to the requirements in 40 CFR 63.3165. The permittee shall conduct each performance test of an add-on control device according to the requirements in 40 CFR 63.3166.

(Ref. 40 CFR 63.3164 and PSD Construction Permit Issued June 5, 2007)

5.B.33 For Emission Points AA-500 thru AA-1200, the permittee shall comply with the following for demonstrating compliance with the Emission Capture System Efficiency for Performance Testing as described by 40 CFR 63.3165. The permittee shall use the procedures and test methods in this section to determine capture efficiency as part of the performance test required by 40 CFR63.3160. For purposes of this subpart, a spray booth air seal is not considered a natural draft opening in a PTE or a temporary total enclosure provided the permittee demonstrate that the direction of air movement across the interface between the spray booth air seal and the spray booth is into the spray booth. For purposes of this subpart, a bake oven air seal is not considered a natural draft opening in a PTE or a temporary total enclosure provided the permittee demonstrate that the direction of air movement across the interface between the bake oven air seal and the bake oven is into the bake oven. The permittee may use lightweight strips of fabric or paper, or smoke tubes to make such demonstrations as part of showing that the permitteer capture system is a PTE or conducting a capture efficiency test using a temporary total enclosure. The permittee cannot count air flowing from a spray booth air seal into a spray booth as air flowing through a natural draft opening into a PTE or into a temporary total enclosure unless the permittee elect to treat that spray booth air seal as a natural draft opening. The permittee cannot count air flowing from a bake oven air seal into a bake oven as air flowing through a natural draft opening into a PTE or into a temporary total enclosure unless the permittee elect to treat that bake oven air seal as a natural draft opening.

(a) *Assuming 100 percent capture efficiency.* The permittee may assume the capture system efficiency is 100 percent if both of the conditions in paragraphs (a)(1) and (2) of this section are met:

(1) The capture system meets the criteria in Method 204 of appendix M to 40 CFR part 51 for a PTE and directs all the exhaust gases from the enclosure to an add-on control device.

(2) All coatings and thinners used in the coating operation are applied within the capture system, and coating solvent flash-off and coating curing and drying occurs within the capture system. For example, this criterion is not met if parts enter the open shop environment when being moved between a spray booth and a curing oven.

(b) *Measuring capture efficiency as defined by 40 CFR 63.3165(b).* If the capture system does not meet both of the criteria in paragraphs (a)(1) and (2) of this section, then the permittee shall use one of the five procedures described in paragraphs (c) through (g) of this section to measure capture efficiency. The capture efficiency measurements use TVH capture efficiency as a surrogate for organic HAP capture efficiency. For the protocols in paragraphs (c) and (d) of this section, the capture efficiency measurement shall consist of three test runs. Each test run shall be at least 3 hours duration or the length of a production run, whichever is longer, up to 8 hours. For the purposes of this test, a production run means the time required for a single part to go from the beginning to the end of

production, which includes surface preparation activities and drying or curing time.

(c) *Liquid-to-uncaptured-gas protocol using a temporary total enclosure or building enclosure as specified in 40 CFR 63.3165(c).*

(d) *Gas-to-gas protocol using a temporary total enclosure or a building enclosure as specified in 40 CFR 63.3165(d).*

(e) *Panel testing to determine the capture efficiency of flash-off or bake oven emissions as specified in 40 CFR 63.3165(e).*

(f) *Alternative capture efficiency procedures as specified in 40 CFR 63.3165(f) as an alternative to the procedures specified in paragraphs (c) through (e) and (g).*

(g) *Panel testing to determine the capture efficiency of spray booth emissions from solvent-borne coatings as specified in 40 CFR 63.3165(f)* may be conducted to determine the capture efficiency of spray booth emissions from solvent-borne coatings using the procedures in appendix A of Subpart IIII.

(Ref. 40 CFR 63.3165 and PSD Construction Permit Issued June 5, 2007)

5.B.34 For Emission Points AA-500 thru AA-1200, the permittee shall comply with 40 CFR 63.3166 by Determining the Add-on Control Emission Destruction or Removal Efficiency by Performance Testing. The permittee shall use the procedures and test methods in this section to determine the add-on control device emission destruction or removal efficiency as part of the performance test required by 40 CFR63.3160. The permittee shall conduct three test runs as specified in 40 CFR 63.7(e)(3), and each test run shall last at least 1 hour.

(a) For all types of add-on control devices, use the test methods specified in paragraphs (a)(1) through (5) of this section.

(1) Use Method 1 or 1A of appendix A to 40 CFR part 60, as appropriate, to select sampling sites and velocity traverse points.

(2) Use Method 2, 2A, 2C, 2D, 2F, or 2G of appendix A to 40 CFR part 60, as appropriate, to measure gas volumetric flow rate.

(3) Use Method 3, 3A, or 3B of appendix A to 40 CFR part 60, as appropriate, for gas analysis to determine dry molecular weight. The ANSI/ASME PTC 19.10-1981, “Flue and Exhaust Gas Analyses [Part 10, Instruments and Apparatus]” (incorporated by reference, see40 CFR63.14), may be used as an alternative to Method 3B.

(4) Use Method 4 of appendix A to 40 CFR part 60 to determine stack gas moisture.

(5) Methods for determining gas volumetric flow rate, dry molecular weight, and stack gas moisture shall be performed, as applicable, during each test run.

(b) Measure total gaseous organic mass emissions as carbon at the inlet and outlet of the add-on control device simultaneously, using either Method 25 or 25A of appendix A to 40 CFR part 60, as specified in paragraphs (b)(1) through (3) of this section. The permittee shall use the same method for both the inlet and outlet measurements.

(1) Use Method 25 if the add-on control device is an oxidizer and the permittee expect the total gaseous organic concentration as carbon to be more than 50 parts per million by volume (ppmv) at the control device outlet.

(2) Use Method 25A if the add-on control device is an oxidizer and the permittee expect the total gaseous organic concentration as carbon to be 50 ppmv or less at the control device outlet.

(3) Use Method 25A if the add-control device is not an oxidizer.

(c) If two or more add-on control devices are used for the same emission stream, then the permittee shall measure emissions at the outlet of each device. For example, if one add-on control device is a concentrator with an outlet for the high-volume, dilute stream that has been treated by the concentrator, and a second add-on control device is an oxidizer with an outlet for the low-volume, concentrated stream that is treated with the oxidizer, the permittee shall measure emissions at the outlet of the oxidizer and the high volume dilute stream outlet of the concentrator.

(d) For each test run, determine the total gaseous organic emissions mass flow rates for the inlet and the outlet of the add-on control device, using Equation 1 of this section. If there is more than one inlet or outlet to the add-on control device, the permittee shall calculate the total gaseous organic mass flow rate using Equation 1 of this section for each inlet and each outlet and then total all of the inlet emissions and total all of the outlet emissions.

$$M_f = Q_{sd} C_c (12)(0.0416)(10^{-6}) \qquad \text{(Eq. 1)}$$

Where:
M_f = Total gaseous organic emissions mass flow rate, kg per hour (kg/h).

C_c = Concentration of organic compounds as carbon in the vent gas, as determined by Method 25 or Method 25A, ppmv, dry basis.
Q_{sd} = Volumetric flow rate of gases entering or exiting the add-on control device, as determined by Method 2, 2A, 2C, 2D, 2F, or 2G, dry standard cubic meters per hour (dscm/h).
0.0416 = Conversion factor for molar volume, kg-moles per cubic meter (mol/m^3) (@ 293 Kelvin (K) and 760 millimeters of mercury (mmHg)).

(e) For each test run, determine the add-on control device organic emissions destruction or removal efficiency using Equation 2 of this section:

$$DRE = \frac{M_{fi} - M_{fo}}{M_{fi}}(100) \qquad \text{(Eq. 2)}$$

Where:
DRE = Organic emissions destruction or removal efficiency of the add-on \control device, percent.
$\backslash M_{fi}$ = Total gaseous organic emissions mass flow rate at the inlet(s) to the add-on control device, using Equation 1 of this section, kg/h.
M_{fo} = Total gaseous organic emissions mass flow rate at the outlet(s) of the add-on control device, using Equation 1 of this section, kg/h.

(f) Determine the emission destruction or removal efficiency of the add-on control device as the average of the efficiencies determined in the three test runs and calculated in Equation 2 of this section.

(Ref. 40 CFR 63.3166 and PSD Construction Permit Issued June 5, 2007)

5.B.35 For Emission Points AA-500 thru AA-1200, the permittee shall comply with Establishing Operating Limits for Add-on Control Device as described by 40 CFR 63.3167. During the performance test required by 40 CFR63.3160 and described in 40 CFR63.3164 and 63.3166, the permittee shall establish the operating limits required by40 CFR63.3093 according to this section, unless the permittee have received approval for alternative monitoring and operating limits under 40 CFR63.8(f) as specified in 40 CFR 63.3093.

(a) *Thermal oxidizers* . If the permittee's add-on control device is a thermal oxidizer, establish the operating limit according to paragraphs (a)(1) through (3) of this section.

(1) During the performance test, the permittee shall monitor and record the combustion temperature at least once every 15 minutes during each of the three test runs. The permittee shall monitor the temperature in the firebox of the thermal oxidizer or immediately downstream of the firebox before any substantial heat exchange occurs.

(2) Use all valid data collected during the performance test to calculate and record the average combustion temperature maintained during the performance test. This average combustion temperature is the minimum 3-hour average operating limit for the permitteer thermal oxidizer

(3) As an alternative, if the latest operating permit issued before April 26, 2007, for the thermal oxidizer at the permitteer facility contains recordkeeping and reporting requirements for the combustion temperature that are consistent with the requirements for thermal oxidizers in 40 CFR 60.395(c), then the permittee may set the minimum operating limit for the combustion temperature for each such thermal oxidizer at the permitteer affected source at 28 degrees Celsius (50 degrees Fahrenheit) below the average combustion temperature during the performance test of that thermal oxidizer. If the permittee do not have an operating permit for the thermal oxidizer at the permitteer facility and the latest construction permit issued before April 26, 2007, for the thermal oxidizer at the permitteer facility contains recordkeeping and reporting requirements for the combustion temperature that are consistent with the requirements for thermal oxidizers in 40 CFR 60.395(c), then the permittee may set the minimum operating limit for the combustion temperature for each such thermal oxidizer at the permitteer affected source at 28 degrees Celsius (50 degrees Fahrenheit) below the average combustion temperature during the performance test of that thermal oxidizer. If the permittee use 28 degrees Celsius (50 degrees Fahrenheit) below the combustion temperature maintained during the performance test as the minimum operating limit for a thermal oxidizer, then the permittee shall keep the combustion temperature set point on that thermal oxidizer no lower than 14 degrees Celsius (25 degrees Fahrenheit) below the lower of that set point during the performance test for that thermal oxidizer and the average combustion temperature maintained during the performance test for that thermal oxidizer.

(b) *Regenerative carbon adsorbers.* If the permitteer add-on control device is a regenerative carbon adsorber, establish the operating limits according to paragraphs (c)(1) and (2) of this section.

(1) The permittee shall monitor and record the total regeneration desorbing gas (*e.g.,* steam or nitrogen) mass flow for each regeneration cycle and the carbon bed temperature after each carbon bed regeneration and cooling cycle for the regeneration cycle either immediately preceding or immediately following the performance test.

(2) The operating limits for the permitteer carbon adsorber are the minimum total desorbing gas mass flow recorded during the regeneration cycle and the maximum carbon bed temperature recorded after the cooling cycle.

(c) *Concentrators*. If the permittees add-on control device includes a concentrator, the permittee shall establish operating limits for the concentrator according to the paragraphs (e)1 and (e)(2) of this section.

During the performance test, the permittee shall monitor and record the desorption gas inlet temperature at least once every 15 minutes during each of the three runs of the performance test. The permittee shall use all valid data collected during the performance test to calculate and record the average desorption gas inlet temperature. The minimum operating limit for the concentrator is 8 degress Celsis (15 degrees Fahhrenheit) below the average desorption gas inlet temperature maintained during the performance test for that concentrator. The permittee shall keep the set point for the desorption gas inlet temperature no lower than 6 degrees Celsius (10 degrees Fahrenheit) below the lower of that set point during the performance test for that concentrator and the average desorption gas inlet temperature maintained during the performance test for that concentrator.

(Ref.: 40 CFR 63.3167((a), (c), and (e)) and PSD Construction Permit Issued June 5, 2007)

5.B.36 For Emission Points AA-500 thru AA-1200, the permittee shall comply with the following for demonstrating compliance with the Continuous Parameter Monitoring System for Installation, Operation, and Maintenance as described by 40 CFR 63.3168:

(a) *General.* The permittee shall install, operate, and maintain each CPMS specified in paragraphs (c), (e), (f), and (g) of this section according to paragraphs (a)(1) through (6) of this section. The permittee shall install, operate, and maintain each CPMS specified in paragraphs (b) and (d) of this section according to paragraphs (a)(3) through (5) of this section.

(1) The CPMS shall complete a minimum of one cycle of operation for each successive 15-minute period. The permittee shall have a minimum of four equally-spaced successive cycles of CPMS operation in 1 hour.

(2) The permittee shall determine the average of all recorded readings for each successive 3-hour period of the emission capture system and add-on control device operation.

(3) The permittee shall record the results of each inspection, calibration, and validation check of the CPMS.

(4) The permittee shall maintain the CPMS at all times and have available necessary parts for routine repairs of the monitoring equipment.

(5) The permittee shall operate the CPMS and collect emission capture system and add-on control device parameter data at all times that a controlled coating operation is operating, except during monitoring malfunctions,

associated repairs, and required quality assurance or control activities (including, if applicable, calibration checks and required zero and span adjustments).

(6) The permittee shall not use emission capture system or add-on control device parameter data recorded during monitoring malfunctions, associated repairs, out-of-control periods, or required quality assurance or control activities when calculating data averages. The permittee shall use all the data collected during all other periods in calculating the data averages for determining compliance with the emission capture system and add-on control device operating limits.

(7) A monitoring malfunction is any sudden, infrequent, not reasonably preventable failure of the CPMS to provide valid data. Monitoring failures that are caused in part by poor maintenance or careless operation are not malfunctions. Any period for which the monitoring system is out of control and data are not available for required calculations is a deviation from the monitoring requirements.

(b) *Capture system bypass line.* The permittee shall meet the requirements of paragraphs (b)(1) and (2) of this section for each emission capture system that contains bypass lines that could divert emissions away from the add-on control device to the atmosphere.

(1) The permittee shall monitor or secure the valve or closure mechanism controlling the bypass line in a nondiverting position in such a way that the valve or closure mechanism cannot be opened without creating a record that the valve was opened. The method used to monitor or secure the valve or closure mechanism shall meet one of the requirements specified in paragraphs (b)(1)(i) through (iv) of this section.

(i) *Flow control position indicator.* Install, calibrate, maintain, and operate according to the manufacturer's specifications a flow control position indicator that takes a reading at least once every 15 minutes and provides a record indicating whether the emissions are directed to the add-on control device or diverted from the add-on control device. The time of occurrence and flow control position shall be recorded, as well as every time the flow direction is changed. The flow control position indicator shall be installed at the entrance to any bypass line that could divert the emissions away from the add-on control device to the atmosphere.

(ii) *Car-seal or lock-and-key valve closures.* Secure any bypass line valve in the closed position with a car-seal or a lock-and-key type configuration. The permittee shall visually inspect the seal or closure mechanism at least once every month to ensure that the

valve is maintained in the closed position, and the emissions are not diverted away from the add-on control device to the atmosphere.

(iii) *Valve closure monitoring.* Ensure that any bypass line valve is in the closed (nondiverting) position through monitoring of valve position at least once every 15 minutes. The permittee shall inspect the monitoring system at least once every month to verify that the monitor will indicate valve position.

(iv) *Automatic shutdown system.* Use an automatic shutdown system in which the coating operation is stopped when flow is diverted by the bypass line away from the add-on control device to the atmosphere when the coating operation is running. The permittee shall inspect the automatic shutdown system at least once every month to verify that it will detect diversions of flow and shut down the coating operation.

(2) If any bypass line is opened, the permittee shall include a description of why the bypass line was opened and the length of time it remained open in the semiannual compliance reports required in § 63.3120.

(c) *Thermal oxidizers and catalytic oxidizers.* If the permittee are using a thermal oxidizer or catalytic oxidizer as an add-on control device (including those used to treat desorbed concentrate streams from concentrators or carbon adsorbers), the permittee shall comply with the requirements in paragraphs (c)(1) through (3) of this section:

(1) For a thermal oxidizer, install a gas temperature monitor in the firebox of the thermal oxidizer or in the duct immediately downstream of the firebox before any substantial heat exchange occurs.

(2) For a catalytic oxidizer, install a gas temperature monitor upstream of the catalyst bed. If the permittee establish the operating parameters for a catalytic oxidizer under § 63.3167(b)(1) through (3), the permittee shall also install a gas temperature monitor downstream of the catalyst bed. The temperature monitors shall be in the gas stream immediately before and after the catalyst bed to measure the temperature difference across the bed. If the permittee establish the operating parameters for a catalytic oxidizer under § 63.3167(b)(4) through (6), the permittee need not install a gas temperature monitor downstream of the catalyst bed.

(3) For all thermal oxidizers and catalytic oxidizers, the permittee shall meet the *requirements in paragraphs (a)(1) through (6) and (c)(3)(i) through (vii) of this* section for each gas temperature monitoring device.

(i) Locate the temperature sensor in a position that provides a representative temperature.

(ii) Use a temperature sensor with a measurement sensitivity of 4 degrees Fahrenheit or 0.75 percent of the temperature value, whichever is larger.

(iii) Shield the temperature sensor system from electromagnetic interference and chemical contaminants.

(iv) If a gas temperature chart recorder is used, it shall have a measurement sensitivity in the minor division of at least 20 degrees Fahrenheit.

(v) Perform an electronic calibration at least semiannually according to the procedures in the manufacturer's owners manual. Following the electronic calibration, the permittee shall conduct a temperature sensor validation check in which a second or redundant temperature sensor placed nearby the process temperature sensor shall yield a reading within 30 degrees Fahrenheit of the process temperature sensor reading.

(vi) Conduct calibration and validation checks any time the sensor exceeds the manufacturer's specified maximum operating temperature range or install a new temperature sensor.

(vii) At least monthly, inspect components for integrity and electrical connections for continuity, oxidation, and galvanic corrosion.

(d) *Regenerative carbon adsorbers.* If the permittee are using a regenerative carbon adsorber as an add-on control device, the permittee shall monitor the total regeneration desorbing gas (*e.g.*, steam or nitrogen) mass flow for each regeneration cycle, the carbon bed temperature after each regeneration and cooling cycle, and comply with paragraphs (a)(3) through (5) and (d)(1) and (2) of this section.

(1) The regeneration desorbing gas mass flow monitor shall be an integrating device having a measurement sensitivity of plus or minus 10 percent, capable of recording the total regeneration desorbing gas mass flow for each regeneration cycle.

(2) The carbon bed temperature monitor shall have a measurement sensitivity of 1 percent of the temperature (as expressed in degrees Fahrenheit) recorded or 1 degree Fahrenheit, whichever is greater, and shall be capable

of recording the temperature within 15 minutes of completing any carbon bed cooling cycle.

(f) *Concentrators.* If the permittee are using a concentrator, such as a zeolite wheel or rotary carbon bed concentrator, the permittee shall install a temperature monitor in the desorption gas stream. The temperature monitor shall meet the requirements in paragraphs (a)(1) through (6) and (c)(3) of this section.

(Ref. 40 CFR 63.3168)

5.B.37 For Emission Points AA-500 thru AA-1200, the permittee shall comply with the following for demonstrating continuous compliance with the Emission Limitations as described by 40 CFR 63.3173:

(a) To demonstrate continuous compliance with the applicable emission limit in 40 CFR63.3090(b) or 40 CFR63.3091(b), the organic HAP emission rate for each compliance period determined according to the procedures in 40 CFR63.3171 shall be equal to or less than the applicable emission limit in 40 CFR63.3090(b) or 40 CFR63.3091(b). A compliance period consists of 1 month. Each month after the end of the initial compliance period described in 40 CFR63.3170 is a compliance period consisting of that month. The permittee shall perform the calculations in 40 CFR63.3171 on a monthly basis.

(b) If the organic HAP emission rate for any 1 month compliance period exceeded the applicable emission limit in 40 CFR63.3090(b) or 40 CFR63.3091(b), this is a deviation from the emission limitation for that compliance period and shall be reported as specified in 40 CFR63.3110(c)(6) and 63.3120(a)(6).

(c) The permittee shall meet the requirements of 40 CFR63.3163(c) through (j).

(Ref. 40 CFR 63.3173 and PSD Construction Permit Issued June 5, 2007)

C. Emission Point 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 June 5, 2007**
AA-100 ***(Natural Gas Fired Combustion)***	**PM/PM10**	**Semi-Annual Reports providing the Emission Rate**	**5.C.2**	**PSD Construction Permit Issued June 5, 2007**
	VOC		**5.C.3**	
	NOx		**5.C.4**	
	CO		**5.C.5**	
	SO2		**5.C.6**	
	Fuel Quality and Quantity	**Semi-Annual Reports**	**5.C.7**	
AA-132a, AA-132b, AA-133a, and AA-133b ***(Thermal Oxidizers)***	**Temperature**	**Semi-Annual Reports providing any exceedance of the Continuously Recorded Combustion Temperature**	**5.C.8**	**PSD Construction Permit Issued June 5, 2007**
	Thermal Oxidizer	**Semi-Annual Reports providing the Destruction Efficiency**	**5.C.9**	
AA-134a and AA-134b ***(Natural Gas Fired Boilers)***	**PM/PM10**	**Semi-Annual Reports providing the Emission Rate during Distillate Fuel Oil Usage**	**5.C.10**	**PSD Construction Permit Issued June 5, 2007**
	VOC		**5.C.11**	
	NOx		**5.C.12**	
	CO		**5.C.13**	
	SO2		**5.C.14**	

Emission Point	Pollutant/Parameter Monitored	Recordkeeping/Reporting Requirement	Condition Number	Applicable Requirement
AA-200 ***(Emergency Support Equipment)***	**Initial and Continuous**	**Notification, Recordkeeping, and Reporting Requirements**	**5.C.15**	**40 CFR 60.4214(b) and (c)**
	PM/PM10	**Semi-Annual Reports providing the Emission Rate**	**5.C.2**	**PSD Construction Permit Issued on June 5, 2007**
	VOC		**5.C.3**	
	NOx		**5.C.4**	
	CO		**5.C.5**	
	SO2		**5.C.6**	
	Fuel Quality and Quantity	**Semi-Annual Reports**	**5.C.7**	
AA-300 ***(Bulk Liquid Storage Tanks)***	**Records**	**Accessibility of Records**	**5.C.16**	**PSD Construction Permit Issued June 5, 2007**
	VOC	**Semi-Annual Reports providing the Emission Rate**	**5.C.3**	**PSD Construction Permit Issued June 5, 2007**
AA-302 and AA-307 ***(Antifreeze Tank and Windshield Washer Tank)***	**Records**	**Recordkeeping Requirements**	**5.C.17**	**40 CFR 63.2343**
AA-400, AA-402a, AA-402b, AA-403a, and AA-403b ***(Suspension Component Welding and Mig Welding and Brazing)***	**PM/PM10**	**Semi-Annual Reports providing the Emission Rate**	**5.C.2**	**PSD Construction Permit Issued June 5, 2007**
AA-400 and AA-401 ***(Drawing and Rust Preventative Oils)***	**VOC**	**Semi-Annual Reports providing the Emission Rate**	**5.C.3**	**PSD Construction Permit Issued June 5, 2007**

Emission Point	Pollutant/Parameter Monitored	Recordkeeping/Reporting Requirement	Condition Number	Applicable Requirement
AA-500 ***(Primary Paint Shop)***	**Initial Compliance Report**	**Recordkeeping and Reporting**	**5.C.18**	**40 CFR 60.395**
	PM/PM10	**Semi-Annual Reports providing the Emission Rate**	**5.C.2**	**PSD Construction Permit Issued June 5, 2007**
	VOC		**5.C.3**	
	Thermal Oxidizer	**Semi-Annual Reports providing the Destruction Efficiency**	**5.C.9**	
AA-501a, AA-501b, AA-502a, AA-502b, AA-503a, and AA-503b ***(Body E-Coat Dip Tank and Curing Oven, Primer Surfacer Booth and Topcoat Booth)***	**VOC**	**Semi-Annual Reports providing the Quality and Quantity Used**	**5.C.19**	**PSD Construction Permit Issued June 5, 2007**
AA-600 ***(Plastic Shop)***	**VOC**	**Semi-Annual Reports providing the Emission Rate**	**5.C.3**	**PSD Construction Permit Issued June 5, 2007**
	PM/PM10		**5.C.2**	
AA-601a, AA-601b, AA-604a, and AA-604b ***(Interior Parts and Spray Booth, and Bumper Spray Booth and Curing Oven)***	**VOC**	**Semi-Annual Reports providing the Quality and Quantity Used**	**5.C.19**	**PSD Construction Permit Issued June 5, 2007**
		Semi-Annual Reports providing the Emission Rate	**5.C.3**	
AA-602a, AA-602b, AA-603a, and AA-603b ***(Injection and Slush Molding)***	**VOC**	**Semi-Annual Reports providing the Emission Rate**	**5.C.3**	**.PSD Construction Permit Issued June 5, 2007**

Emission Point	Pollutant/Parameter Monitored	Recordkeeping/Reporting Requirement	Condition Number	Applicable Requirement
AA-700 ***(Misc. Metal Coating)***	**PM/PM10**	**Semi-Annual Reports providing the Emission Rate**	**5.C.2**	**PSD Construction Permit Issued June 5, 2007**
	VOC		**5.C.3**	
AA-800 ***(Misc. Body Coating)***	**VOC**	**Semi-Annual Reports providing the Quality and Quantity Used**	**5.C.19**	**PSD Construction Permit Issued June 5, 2007**
	PM/PM10	**Semi-Annual Reports providing the Emission Rate**	**5.C.2**	
	VOC		**5.C.3**	
AA-900 ***(Misc. Process Cleaning)***	**VOC**	**Semi-Annual Reports providing the Emission Rate**	**5.C.3**	**PSD Construction Permit Issued June 5, 2007**
AA-1000 ***(Paint Repair)***	**PM/PM10**	**Semi-Annual Reports providing the Emission Rate**	**5.C.2**	**PSD Construction Permit Issued June 5, 2007**
	VOC		**5.C.3**	
AA-1100 ***(Assembly Final Line)***	**VOC**	**Semi-Annual Reports providing the Emission Rate**	**5.C.3**	**PSD Construction Permit Issued June 5, 2007**
	NOx		**5.C.4**	
	CO		**5.C.5**	
AA-1200 ***(Marshalling Yard)***	**PM/PM10**	**Semi-Annual Reports providing the Emission Rate**	**5.C.2**	**PSD Construction Permit Issued June 5, 2007**
	VOC		**5.C.3**	
AA-500 thru AA-1200	**Semi-Annual and Performance Testing**	**Reporting Requirements**	**5.C.20**	**40 CFR 63.3120**
	Records	**Recordkeeping Requirements**	**5.C.21**	**40 CFR 63.3130**
		Form and Duration	**5.C.22**	**40 CFR 63.3131**

5.C.1 For Emission Point AA-000, the permittee shall submit semi-annual reports containing the requirements of Condition 5.B1 of the permit herein. 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 June 5, 2007)

5.C.2 For Emission Point AA-100, AA-200, AA-400, AA-402a, AA-402b, AA-403a, AA-403b, AA-500, AA-600, AA-700, AA-800, AA-1000, and AA-1200, the permittee shall submit semi-annual reports providing the Particulate Matter/Particulate Matter-10 (PM/PM10) Emission Rates in accordance with Conditions 5.B.4 and 5.B.18 for Demonstrating Compliance with Emission Point Specific Emission Limitations 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-600, AA-601a, AA-601b, AA-604a, and AA-604b, AA-602a, AA-602b, AA-603a, AA-603b, AA-700, AA-800, AA-900, AA-1000, AA-1100, and AA-1200, the permittee shall the permittee shall submit semi-annual reports providing the Volatile Organic Compound (VOC) emission rates in accordance with Condition 5.B.5 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.4 For Emission Point AA-100, AA-200, and AA-1100, the permittee shall submit semi-annual reports providing the Nitrogen Oxide (NOx) emission rates in accordance with Condition 5.B.6 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.5 For Emission Point AA-100, AA-200, and AA-1100, the permittee shall submit semi-annual reports providing the Carbon Monoxide (CO) emission rates in accordance with Condition 5.B.7 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.6 For Emission Point AA-100 and AA-200, the permittee shall submit semi-annual reports providing the Sulfur Dioxide (SO2) emission rates in accordance with Condition 5.B.8 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.7 For Emission Point AA-100 and AA-200, the permittee shall submit semi-annual reports providing the Quality and Quantity of Fuel Combusted in accordance with Conditions 5.B.9 and 5.B.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. (PSD Construction Permit Issued June 5, 2007)

5.C.8 For Emission Point AA-132a, AA-132b, AA-133a, and AA-133b, the permittee shall submit semi-annual reports of any exceedance of Condition 5.B.10 (Continuously Recorded Combustion Temperature). 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.9 For Emission Point AA-132a, AA-132b, AA-133a, AA-133b, and AA-500 the permittee shall submit semi-annual reports providing the Regenerative Thermal Oxidizer (RTO) Destruction Efficiency in accordance with Condition 5.B.10 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.10 For Emission Point AA-134a and AA-134b, the permittee shall submit semi-annual Reports providing the Particulate Matter/Particulate Matter-10 (PM/PM10) Emission Rates during Backup Distillate Fuel Oil Usage (compliance with these emission rates can be achieved by showing fuel oil usage is less than 1,000,000 gallons over a 12 month period) in accordance with Conditions 5.B.11 for demonstrating compliance with Condition 3.A.18 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.11 For Emission Point AA-134a and AA-134b, the permittee shall submit semi-annual reports providing the Volatile Organic Compounds (VOC) Emission Rates during Backup Fuel Usage (compliance with these emission rates can be achieved by showing fuel oil usage is less than 1,000,000 gallons over a 12 month period) in accordance with Condition 5.B.12 for demonstrating compliance with Condition 3.A.18 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.12 For Emission Point AA-134a and AA-134b, the permittee shall submit semi-annual reports providing the Nitrogen Oxide (NOx) Emission Rates during Backup Fuel Usage (compliance with these emission rates can be achieved by showing fuel oil usage is less than 1,000,000 gallons over a 12 month period) in accordance with Condition 5.B.13 for demonstrating compliance with Condition 3.A.18 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.13 For Emission Point AA-134a and AA-134b, the permittee shall submit semi-annual reports providing the Carbon Monoxide (CO) Emission Rates during Backup Fuel Usage (compliance with these emission rates can be achieved by showing fuel oil usage is less than 1,000,000 gallons over a 12 month period) in accordance with Condition 5.B.14 for demonstrating compliance with Condition 3.A.18 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.14 For Emission Point AA-134a and AA-134b, the permittee shall submit semi-annual reports providing the Sulfur Dioxide (SO2) Emission Rates during Backup Fuel Usage (compliance with these emission rates can be achieved by showing fuel oil usage is less than 1,000,000 gallons over a 12 month period) in accordance with Condition 5.B.15 for demonstrating compliance with Condition 3.A.18 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.15 For Emission Point AA-200, the permittee is not required to submit an initial notification for compliance with 40 CFR 60, Subpart IIII. If the stationary CI internal combustion engine is equipped with a diesel particulate filter, 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. (Ref. 40 CFR 60.4214(b) and (c)

5.C.16 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 June 5, 2007)

5.C.17 For Emission PointAA-302 and AA-307, the permittee shall comply with only the following notification, recordkeeping, and reporting requirements due to the no control requirements under paragraphs (a) through (e) of 40 CFR 63.2346:

(a) For each storage tank having a capacity of less than 18.9 cubic meters (5,000 gallons) and for each transfer rack that only unloads organic liquids (i.e., no organic liquids are loaded at any of the transfer racks), th permittee shall keep documentation that verifies that each storage tank and transfer rack identified in paragraph (a) of this is not required to be controlled. The documentation shall be kept up-to-date (i.e., all such emission sources at a facility are identified in the documentation regardless of when the documentation was last compiled) and shall be in a form suitable and readily available for expeditious inspection and review according to 40 CFR 63.10(b)(1), including records stored in electronic form in a separate location. The documentation may consist of identification of the tanks and transfer racks identified in paragraph (a) of this section on a plant site plan or process and instrumentation diagram (P&ID).

(b) For each storage tank having a capacity of 18.9 cubic meters (5,000 gallons) or more that is not subject to control based on the criteria specified in Table 2 of 40 CFR 63, Subpart EEEE,items 1 through 6, the permittee shall comply with the requirements specified in paragraphs (b)(1) through (2):

(1)

(i) The permittee shall submit the information in 40 CFR 63.2386(c)(1), (2), (3), and (10)(i) in either the Notification of

Compliance Status, according to the schedule specified in Table 12 to 40 CFR 63, Subpart EEEE, or in the first Compliance report, according to the schedule specified in 40 CFR 63.2386(b), whichever occurs first.

(ii)

(A) If the permittee submits the first Compliance report before the Notification of Compliance Status, the Notification of Compliance Status shall contain the information specified in 40 CFR 63.2386(d)(3) and (4) if any of the changes identified in paragraph (d) of this section have occurred since the filing of the first Compliance report. If none of the changes identified in paragraph (d) of this section have occurred since the filing of the first Compliance report, the permittee does not need to report the information specified in 40 CFR 63.2386(c)(10)(i) when the permittee submits the Notification of Compliance Status.

(B) If the permittee submits the Notification of Compliance Status before the first Compliance report, the first Compliance report shall contain the information specified in 40 CFR 63.2386(d)(3) and (4) if any of the changes specified in paragraph (d) have occurred since the filing of the Notification of Compliance Status.

(iii) If the permittee is already submitting a Notification of Compliance Status or a first Compliance report under 40 CFR 63.2386(c), the permittee does not need to submit a separate Notification of Compliance Status or first Compliance report for each storage tank that meets the conditions identified in paragraph (b) (i.e., a single Notification of Compliance Status or first Compliance report should be submitted).

(2)

(i) The permittee shall submit a subsequent Compliance report according to the schedule in 40 CFR 63.2386(b) whenever any of the events in paragraph (d) of this section occur, as applicable.

(1) The subsequent Compliance reports shall contain the information in 40 CFR 63.2386(c)(1), (2), (3) and, as applicable, in 40 CFR 63.2386(d)(3) and (4). If the permittee is already submitting a subsequent Compliance report under 40 CFR 63.2386(d), the permittee does not need to submit a separate subsequent Compliance report for

each storage tank that meets the conditions identified in paragraph (b) (i.e., a single subsequent Compliance report should be submitted).

(2) For each storage tank that meets the conditions identified in paragraph (b), the permittee shall keep documentation including a record of the annual average true vapor pressure of the total Table 1 (40 CFR 63, Subpart EEEE) organic HAP in the stored organic liquid, that verifies the storage tank is not required to be controlled under this subpart. The documentation shall be kept up-to-date and shall be in a form suitable and readily available for expeditious inspection and review according to 40 CFR 63.10(b)(1), including records stored in electronic form in a separate location.

(c) For each transfer rack subject to this subpart that loads organic liquids but is not subject to control based on the criteria specified in Table 2 of 40 CFR 63, Subpart EEEE, items 7 through 10, the permittee shall comply with the requirements specified in paragraphs (c)(1) through (3).

(1)

(i) The permittee shall submit the information in 40 CFR 63.2386(c)(1), (2), (3), and (10)(i) in either the Notification of Compliance Status, according to the schedule specified in Table 12 of 40 CFR 63, Subpart EEEE, or a first Compliance report, according to the schedule specified in 40 CFR 63.2386(b), whichever occurs first.

(ii)

(A) If the permittee submits the first Compliance report before the Notification of Compliance Status, the Notification of Compliance Status shall contain the information specified in 40 CFR 63.2386(d)(3) and (4) if any of the changes identified in paragraph (d) have occurred since the filing of the first Compliance report. If none of the changes identified in paragraph (d) of this section have occurred since the filing of the first Compliance report, the permittee does not need to report the information specified in 40 CFR 63.2386(c)(10)(i) when the permittee submits the Notification of Compliance Status.

(B) If the permittee submits the Notification of Compliance Status before the first Compliance report, the first

Compliance report shall contain the information specified in 40 CFR 63.2386(d)(3) and (4) if any of the changes specified in paragraph (d) have occurred since the filing of the Notification of Compliance Status.

(iii) If the permittee is already submitting a Notification of Compliance Status or a first Compliance report under 40 CFR 63.2386(c), the permittee does not need to submit a separate Notification of Compliance Status or first Compliance report for each transfer rack that meets the conditions identified in paragraph (b) (i.e., a single Notification of Compliance Status or first Compliance report should be submitted).

(2)

(i) The permittee shall submit a subsequent Compliance report according to the schedule in 40 CFR 63.2386(b) whenever any of the events in paragraph (d) of this section occur, as applicable.

(ii) The subsequent Compliance reports shall contain the information in 40 CFR 63.2386(c)(1), (2), (3) and, as applicable, in 40 CFR 63.2386(d)(3) and (4). If the permittee is already submitting a subsequent Compliance report under 40 CFR 63.2386(d), the permittee does not need to submit a separate subsequent Compliance report for each transfer rack that meets the conditions identified in paragraph (c) (i.e., a single subsequent Compliance report should be submitted).

(3) For each transfer rack that meets the conditions identified in paragraph (c), the permittee shall keep documentation, including the records specified in 40 CFR 63.2390(d), that verifies the transfer rack is not required to be controlled under this subpart. The documentation shall be kept up-to-date and shall be in a form suitable and readily available for expeditious inspection and review according to 40 CFR 63.10(b)(1), including records stored in electronic form in a separate location.

(d) If one or more of the events identified in paragraphs (d)(1) through (4) occur since the filing of the Notification of Compliance Status or the last Compliance report, the permittee shall submit a subsequent Compliance report as specified in paragraphs (b)(3) and (c)(3).

(1) Any storage tank or transfer rack became subject to control under 40 CFR 63, Subpart EEEE; or

(2) Any storage tank equal to or greater than 18.9 cubic meters (5,000 gallons) became part of the affected source but is not subject to any of

the emission limitations, operating limits, or work practice standards 40 CFR 63, Subpart EEEE; or

(3) Any transfer rack (except those racks at which only unloading of organic liquids occurs) became part of the affected source; or

(4) Any of the information required in 40 CFR 63.2386(c)(1), 63.2386(c)(2), or 63.2386(c)(3) has changed.

(Ref. 40 CFR 63.2343)

5.C.18 For Emission Point AA-500, the permittee shall comply with the following Initial Compliance Report for complying with 40 CFR 60, Subpart MM:

(a) The permittee shall include the data outlined in paragraphs (a)(1) and (2) in the initial compliance report required by 40 CFR 60.8.

(1) The permittee shall report the volume weighted average mass of VOC per volume of applied coating solids for each affected source.

(2) Where compliance is achieved through the use of incineration, the permittee shall include the following additional data in the control device initial performance test required by 40 CFR 60.8(a) or subsequent performance tests at which destruction efficiency is determined: the combustion temperature (or the gas temperature upstream and downstream of the catalyst bed), the total mass of VOC per volume of applied coating solids before and after the incinerator, capture efficiency, the destruction efficiency of the incinerator used to attain compliance with the applicable emission limit specified in 40 CFR 60.392 and a description of the method used to establish the fraction of VOC captured and sent to the control device.

(b) Following the initial performance test, the permittee shall identify, record, and submit a written report to the DEQ every calendar quarter of each instance in which the volume-weighted average of the total mass of VOC's emitted to the atmosphere per volume of applied coating solids (N) is greater than the limit specified under 40 CFR 60.392. If no such instances have occurred during a particular quarter, a report stating this shall be submitted to the DEQ semiannually. Where compliance is achieved through the use of a capture system and control device, the volume-weighted average after the control device should be reported.

(c) Where compliance with 40 CFR 60.392 is achieved through the use of incineration, the permittee shall continuously record the incinerator combustion temperature during coating operations for thermal incineration The permittee

shall submit a written report at the frequency specified in 40 CFR 60.7(c) and as defined below.

(1) Every three-hour period shall be reported during which the average temperature measured is more than 28 °C less than the average temperature during the most recent control device performance test at which the destruction efficiency was determined as specified under 40 CFR 60.393.

(2) If no such periods occur, the owner or operator shall submit a negative report.

(d) The owner or operator shall notify the DEQ 30 days in advance of any test by Method 25.

(Ref. 40 CFR 60.395)

5.C.19 For Emission Point AA-501a, AA-501b, AA-502a, AA-502b, AA-503a, AA-503b, AA-601a, AA-601b, AA-604a, AA-604b, and AA-800, the permittee shall submit semi-annual reports providing the following in accordance with Section 5.B 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 June 5, 2007)

5.C.20 For Emission Points AA-500 thru AA-1200, the permittee shall comply with the Semi-Annual Reporting Requirements and Performance Testing Reporting Requirements as described by 40 CFR 63.3120:

(a) *Semiannual compliance reports.* The permittee shall submit semiannual compliance reports for each affected source according to the requirements of paragraphs (a)(1) through (9) of this section. The semiannual compliance reporting requirements may be satisfied by reports required under other parts of the CAA, as specified in paragraph (a)(2) of this section.

(1) *Dates.* Unless the DEQ has approved a different schedule for submission of reports under 40 CFR 63.10(a), 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.

(i) The first semiannual compliance report must cover the first semiannual reporting period which begins the day after the end of the initial compliance period described in 40 CFR 63.3160 that applies to the affected source and ends on June 30 or December 31, whichever occurs first following the end of the initial compliance period.

(ii) Each subsequent semiannual compliance report must 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 must 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) For each affected source that is subject to permitting regulations pursuant to 40 CFR part 70 or 40 CFR part 71, and if the permitting authority has established dates for submitting semiannual reports pursuant to 40 CFR 70.6(a)(3)(iii)(A) or 40 CFR 71.6(a)(3)(iii)(A), the permittee may submit the first and subsequent compliance reports according to the dates the permitting authority has established instead of according to the date specified in paragraph (a)(1)(iii) of this section.

(2) *Inclusion with title V report.* If the permittee has obtained a title V operating permit pursuant to 40 CFR part 70 or 40 CFR part 71, the permittee shall report all deviations as defined in this subpart in the semiannual monitoring report required by 40 CFR 70.6(a)(3)(iii)(A) or 40 CFR 71.6(a)(3)(iii)(A). If the permitttee 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) or 40 CFR 71.6(a)(3)(iii)(A), and the semiannual compliance report includes all required information concerning deviations from any emission limit, operating limit, or work practice in this subpart, its submission shall 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 permittee 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 (iv) of this section, and the information specified in paragraphs (a)(4) through (9) and (c)(1) of this section that are applicable to your 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.

(iv) Identification of the compliance option specified in 40 CFR 63.3090(b) or 40 CFR 63.3091(b) that you used for electrodeposition primer, primer-surfacer, topcoat, final repair, glass bonding primer, and glass bonding adhesive operations plus all coatings and thinners, except for deadener materials and for adhesive and sealer materials that are not components of glass bonding systems, used in coating operations added to the affected source pursuant to 40 CFR 63.3082(c) in the affected source during the initial compliance period.

(4) *No deviations.* If there were no deviations from the emission limitations, operating limits, or work practices in 40 CFR 63.3090, 63.3091, 63.3092, 63.3093, and 63.3094 that apply to the permittee, the semiannual compliance report must include a statement that there were no deviations from the emission limitations during the reporting period. If the permittee used control devices to comply with the emission limits, and there were no periods during which the CPMS were out of control as specified in 63.8(c)(7), the semiannual compliance report must include a statement that there were no periods during which the CPMS were out of control during the reporting period.

(5) *Deviations: adhesive, sealer, and deadener.* If there was a deviation from the applicable emission limits in 40 CFR 63.3090(c) and (d) or 40 CFR 63.3091(c) and (d), the semiannual compliance report must contain the information in paragraphs (a)(5)(i) through (iv) of this section.

(i) The beginning and ending dates of each month during which the monthly average organic HAP content exceeded the applicable emission limit in 40 CFR 63.3090(c) and (d) or 40 CFR 63.3091(c) and (d).

(ii) The volume and organic HAP content of each material used that is subject to the applicable organic HAP content limit.

(iii) The calculation used to determine the average monthly organic HAP content for the month in which the deviation occurred.

(iv) The reason for the deviation.

(6) *Deviations: combined electrodeposition primer, primer-surfacer, topcoat, final repair, glass bonding primer and glass bonding adhesive, or combined primer-surfacer, topcoat, final repair, glass bonding primer, and glass bonding adhesive plus all coatings and thinners, except for deadener materials and for adhesive and sealer materials that are not components of glass bonding systems, used in coating operations added to the affected source pursuant to 40 CFR 63.3082(c).* If there was a deviation from the applicable emission limits in 40 CFR 63.3090(a) or (b) or 40 CFR 63.3091(a) or (b), the semiannual compliance report must contain the information in paragraphs (a)(6)(i) through (xiv) of this section.

(i) The beginning and ending dates of each month during which the monthly organic HAP emission rate from combined electrodeposition primer, primer-surfacer, topcoat, final repair, glass bonding primer, and glass bonding adhesive plus all coatings and thinners, except for deadener materials and for adhesive and sealer materials that are not components of glass bonding systems, used in coating operations added to the affected source pursuant to 40 CFR 63.3082(c) exceeded the applicable emission limit in 40 CFR 63.3090(a) or 40 CFR 63.3091(a); or the monthly organic HAP emission rate from combined primer-surfacer, topcoat, final repair, glass bonding primer, and glass bonding adhesive plus all coatings and thinners, except for deadener materials and for adhesive and sealer materials that are not components of glass bonding systems, used in coating operations added to the affected source pursuant to 40 CFR 63.3082(c) exceeded the applicable emission limit in 40 CFR 63.3090(b) or 40 CFR 63.3091(b).

(ii) The calculation used to determine the monthly organic HAP emission rate in accordance with 40 CFR 63.3161 or 40 CFR 63.3171. The permittee does not need to submit the background data supporting these calculations, for example information provided by materials suppliers or manufacturers, or test reports.

(iii) The date and time that any malfunctions of the capture system or add-on control devices used to control emissions from these operations started and stopped.

(iv) A brief description of the CPMS.

(v) The date of the latest CPMS certification or audit.

(vi) The date and time that each CPMS was inoperative, except for zero (low-level) and high-level checks.

(vii) The date and time period that each CPMS was out of control, including the information in 40 CFR 63.8(c)(8).

(viii) The date and time period of each deviation from an operating limit in Table 1 to this subpart; date and time period of each bypass of an add-on control device; and whether each deviation occurred during a period of startup, shutdown, or malfunction or during another period.

(ix) A summary of the total duration and the percent of the total source operating time of the deviations from each operating limit in Table 1 to this subpart and the bypass of each add-on control device during the semiannual reporting period.

(x) A breakdown of the total duration of the deviations from each operating limit in Table 1 to this subpart and bypasses of each add-on control device during the semiannual reporting period into those that were due to startup, shutdown, control equipment problems, process problems, other known causes, and other unknown causes.

(xi) A summary of the total duration and the percent of the total source operating time of the downtime for each CPMS during the semiannual reporting period.

(xii) A description of any changes in the CPMS, coating operation, emission capture system, or add-on control devices since the last semiannual reporting period.

(xiii) For each deviation from the work practice standards, a description of the deviation, the date and time period of the deviation, and the actions you took to correct the deviation.

(xiv) A statement of the cause of each deviation.

(7) *Deviations: work practice plans.* If there was a deviation from an applicable work practice plan developed in accordance with 40 CFR 63.3094(b) or (c), the semiannual compliance report must contain the information in paragraphs (a)(9)(i) through (iii) of this section.

(i) The time period during which each deviation occurred.

(ii) The nature of each deviation.

(iii) The corrective action(s) taken to bring the applicable work practices into compliance with the work practice plan.

(b) *Performance test reports.* If the permittee uses add-on control devices, the permittee shall submit reports of performance test results for emission capture systems and add-on control devices no later than 60 days after completing the tests as specified in 40 CFR 63.10(d)(2). The permittee shall submit reports of transfer efficiency tests no later than 60 days after completing the tests as specified in 40 CFR 63.10(d)(2).

(c) *Startup, shutdown, and malfunction reports.* If the permittee used add-on control devices and the permittee had a startup, shutdown, or malfunction during the semiannual reporting period, the permittee shall submit the reports specified in paragraphs (c)(1) and (2) of this section.

(1) If the permittee's actions were consistent with your SSMP, the permittee shall include the information specified in 40 CFR 63.10(d) in the semiannual compliance report required by paragraph (a) of this section.

(2) If the permittee's actions were not consistent with the permittee's SSMP, the permittee shall submit an immediate startup, shutdown, and malfunction report as described in paragraphs (c)(2)(i) and (ii) of this section.

(i) The permittee shall describe the actions taken during the event in a report delivered by facsimile, telephone, or other means to the DEQ within 2 working days after starting actions that are inconsistent with the plan.

(ii) The permittee shall submit a letter to the DEQ within 7 working days after the end of the event, unless the permittee has made alternative arrangements with the DEQ as specified in 40 CFR 63.10(d)(5)(ii). The letter must contain the information specified in 40 CFR 63.10(d)(5)(ii).

(Ref. 40 CFR 63.3120)

5.C.21 For Emission Points AA-500 thru AA-1200, the permittee shall comply with the Recordkeeping Requirements as described by 40 CFR 63.3130 (Subpart IIII). The permittee shall collect and keep 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 Subpart IIII, 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, the density and the volume fraction of coating solids for each coating, the mass fraction of organic HAP and the density for each thinner, and the mass fraction of organic HAP for each cleaning material. If the permitee conducted testing to determine mass fraction of organic HAP, density, or volume fraction of coating solids, you must keep a copy of the complete test report. If the permittee uses information provided to the permitee 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. If the permittee uses the results of an analysis conducted by an outside testing lab, the permittee shall keep a copy of the test report. The permittee shall is not required to obtain the test report or other supporting documentation from the manufacturer or supplier.

(c) For each month, the records specified in paragraphs (c)(1) through (6) of this section.

(1) For each coating used for electrodeposition primer, primer-surfacer, topcoat, final repair, glass bonding primer, and glass bonding adhesive operations and for each coating, except for deadener and for adhesive and sealer that are not components of glass bonding systems, used in coating operations added to the affected source pursuant to 40 CFR 63.3082(c), a record of the volume used in each month, the mass fraction organic HAP content, the density, and the volume fraction of solids.

(2) For each thinner used for electrodeposition primer, primer-surfacer, topcoat, final repair, glass bonding primer, and glass bonding adhesive operations and for each thinner, except for thinner used for deadener and for adhesive and sealer that are not components of glass bonding systems, used in coating operations added to the affected source pursuant to 40 CFR 63.3082(c), a record of the volume used in each month, the mass fraction organic HAP content, and the density.

(3) For each deadener material and for each adhesive and sealer material, a record of the mass used in each month and the mass organic HAP content.

(4) A record of the calculation of the organic HAP emission rate for electrodeposition primer, primer-surfacer, topcoat, final repair, glass bonding primer, and glass bonding adhesive plus all coatings and thinners, except for deadener materials and for adhesive and sealer materials that are not components of glass bonding systems, used in coating operations added to the affected source pursuant to 40 CFR 63.3082(c) for each month if subject to the emission limit of 40 CFR 63.3090(a) or 40 CFR 63.3091(a). This record must include all raw data, algorithms, and intermediate calculations. If the guidelines presented in the "Protocol for Determining Daily Volatile Organic Compound Emission Rate of Automobile and Light-Duty Truck Topcoat Operations," EPA-450/3-88-018 (Docket ID No. OAR-2002-0093 and Docket ID No. A-2001-22), are used, you must keep records of all data input to this protocol. If this data is maintained as electronic files, the electronic files, as well as any paper copies must be maintained. This data must be provided to the permitting authority on request on paper, and in (if calculations are done electronically) electronic form.

(5) A record of the calculation of the organic HAP emission rate for primer-surfacer, topcoat, final repair, glass bonding primer, and glass bonding adhesive plus all coatings and thinners, except for deadener materials and for adhesive and sealer materials that are not components of glass bonding systems, used in coating operations added to the affected source pursuant to 40 CFR 63.3082(c) for each month if subject to the emission limit of 40 CFR 63.3090(b) or 40 CFR 63.3091(b), and a record of the weight fraction of each organic HAP in each material added to the electrodeposition primer system if subject to the limitations of 40 CFR 63.3092(a). This record must include all raw data, algorithms, and intermediate calculations. If the guidelines presented in the "Protocol for Determining Daily Volatile Organic Compound Emission Rate of Automobile and Light-Duty Truck Topcoat Operations," EPA-450/3-88-018 (Docket ID No. OAR-2002-0093 and Docket ID No. A- 2001-22), are used, you must keep records of all data input to this protocol. If these data are maintained as electronic files, the electronic files, as well as any paper copies must be maintained. These data must be provided to the permitting authority on request on paper, and in (if calculations are done electronically) electronic form.

(6) A record, for each month, of the calculation of the average monthly mass organic HAP content of:

(i) Sealers and adhesives; and
(ii) Deadeners.

(d) A record of the name and volume of each cleaning material used during each

month.

(e) A record of the mass fraction of organic HAP for each cleaning material used during each month.

(f) A record of the density for each cleaning material used during each month.

(g) A record of the date, time, and duration of each deviation, and for each deviation, a record of whether the deviation occurred during a period of startup, shutdown, or malfunction.

(h) The records required by 40 CFR 63.6(e)(3)(iii) through (v) related to startup, shutdown, and malfunction.

(i) For each capture system that is a PTE, the data and documentation you used to support a determination that the capture system meets the criteria in Method 204 of appendix M to 40 CFR part 51 for a PTE and has a capture efficiency of 100 percent, as specified in 40 CFR 63.3165(a).

(j) For each capture system that is not a PTE, the data and documentation you used to determine capture efficiency according to the requirements specified in 40 CFR 63.3164 and 63.3165(b) through (g), including the records specified in paragraphs (j)(1) through (4) of this condition that apply to you.

(1) *Records for a liquid-to-uncaptured-gas protocol using a temporary total enclosure or building enclosure.* Records of the mass of total volatile hydrocarbon (TVH), as measured by Method 204A or F of appendix M to 40 CFR part 51, for each material used in the coating operation, and the total TVH for all materials used during each capture efficiency test run, including a copy of the test report. Records of the mass of TVH emissions not captured by the capture system that exited the temporary total enclosure or building enclosure during each capture efficiency test run, as measured by Method 204D or E of appendix M to 40 CFR part 51, including a copy of the test report. Records documenting that the enclosure used for the capture efficiency test met the criteria in Method 204 of appendix M to 40 CFR part 51 for either a temporary total enclosure or a building enclosure.

(2) *Records for a gas-to-gas protocol using a temporary total enclosure or a building enclosure.* Records of the mass of TVH emissions captured by the emission capture system, as measured by Method 204B or C of appendix M to 40 CFR part 51, at the inlet to the add-on control device, including a copy of the test report. Records of the mass of TVH emissions not captured by the capture system that exited the temporary total enclosure or building enclosure during each capture efficiency test run, as measured by Method 204D or E of appendix M to 40 CFR part 51,

including a copy of the test report. Records documenting that the enclosure used for the capture efficiency test met the criteria in Method 204 of appendix M to 40 CFR part 51 for either a temporary total enclosure or a building enclosure.

(3) *Records for panel tests.* Records needed to document a capture efficiency determination using a panel test as described in 40 CFR 63.3165(e) and (g), including a copy of the test report and calculations performed to convert the panel test results to percent capture efficiency values.

(4) *Records for an alternative protocol.* Records needed to document a Capture efficiency determination using an alternative method or protocol, as specified in 40 CFR 63.3165(f), if applicable.

(k) The records specified in paragraphs (k)(1) and (2) of this condition for each add-on control device organic HAP destruction or removal efficiency determination as specified in 40 CFR 63.3166.

(1) Records of each add-on control device performance test conducted according to 40 CFR 63.3164 and 63.3166.

(2) Records of the coating operation conditions during the add-on control device performance test showing that the performance test was conducted under representative operating conditions.

(l) Records of the data and calculations the permittee used to establish the emission capture and add-on control device operating limits as specified in 40 CFR 63.3167 and to document compliance with the operating limits as specified in Table 1 to this subpart.

(m) Records of the data and calculations the permittee used to determine the transfer efficiency for primer-surfacer and topcoat coatings and for all coatings, except for deadener and for adhesive and sealer that are not components of glass bonding systems, used in coating operations added to the affected source pursuant to 40 CFR 63.3082(c).

(n) A record of the work practice plans required by 40 CFR 63.3094(b) and (c) and

documentation that the permittee is implementing the plans on a continuous basis. Appropriate documentation may include operational and maintenance records, records of documented inspections, and records of internal audits.

(o) For each add-on control device and for each continuous parameter monitoring system, a copy of the equipment operating instructions must be maintained on-site for the life of the equipment in a location readily available to plant operators and inspectors. The permittee may prepare your own equipment operating

instructions, or they may be provided to the permitte by the equipment supplier or other third party.

(Ref.: 40 CFR 63.3130)

5.C.22 For Emission Points AA-500 thru AA-1200, the permittee shall comply with the Recordkeeping Requirements for Form and Duration as described by 40 CFR 63.3131:

(a) The permittee's records shall be in a form suitable and readily available for expeditious review according to 40 CFR 63.10(b)(1). Where appropriate, the records may be maintained as electronic spreadsheets or as a database.

(b) Except as provided in 40 CFR 63.3130(o), the permittee shall keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record, as specified in 40 CFR 63.10(b)(1).

(c) Except as provided in 40 CFR 63.3130(o), 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 according to 40 CFR 63.10(b)(1). The permittee shall keep the records off site for the remaining 3 years.

(Ref. 40 CFR 63.3131)

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.

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
NMVOC	Non-Methane Volatile Organic Compounds
NO_x	Nitrogen Oxides
NSPS	New Source Performance Standards, 40 CFR 60
O&M	Operation and Maintenance
PM	Particulate Matter
PM_{10}	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_2	Sulfur Dioxide
TPY	Tons per Year
TRS	Total Reduced Sulfur
VEE	Visible Emissions Evaluation
VHAP	Volatile Hazardous Air Pollutant
VOC	Volatile Organic Compound

APPENDIX B

FACILITY SPECIFIC COMPLIANCE ASSURANCE MONITORING PLAN
FOR DEMONSTRATING COMPLIANCE
WITH 40 CFR 64

INDICATOR MONITORED	MONITORING SPECIFICATIONS AND PROCEDURES	MINIMUM FREQUENCY	AVERAGE PERIOD
A. CONTROL DEVICE: WET SCRUBBER - PARTICULATE MATTER			
Liquid Flow Rate	Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following: ± 2% of span; or ± 5% of design liquid flow rate. Deviation Limit: A minimum liquid flow rate shall be established using the most appropriate of the following: the most recent performance test data, the manufacturer's recommendations, engineering calculations, and/or historical data.	once per day	
B. CONTROL DEVICE: THERMAL INCINERATOR (DIRECT FLAME INCINERATOR/REGENERATIVE THERMAL OXIDIZER/THERMAL OXIDIZER			
1. Combustion Temperature / Exhaust Gas Temperature	The monitoring device should be installed in the combustion chamber or immediately downstream of the combustion chamber. Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following: • ± 0.75% of the temperature being measured expressed in degrees Celsius; or • ± 2.5 degrees Celsius. Deviation Limit: A minimum combustion temperature shall be established using the most appropriate of the following: the most recent performance test data, manufacturer's recommendations, engineering calculations, and/or historical data.	four times per hour	Three hour average