

**STATE OF MISSISSIPPI
AIR POLLUTION CONTROL
PERMIT**

**AND PREVENTION OF SIGNIFICANT
DETERIORATION AUTHORITY
TO CONSTRUCT AIR EMISSIONS EQUIPMENT**

THIS CERTIFIES THAT

Toyota Motor Manufacturing Mississippi, Inc.
1200 Magnolia Way
Blue Springs, Mississippi

has been granted permission to construct air emissions equipment to comply with the emission limitations, monitoring requirements and other conditions set forth herein. This permit is issued in accordance with 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 and under authority granted by the Environmental Protection Agency under 40 CFR 52.01 and 52.21.

MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD



AUTHORIZED SIGNATURE

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Issued: June 5, 2007

Permit No.: 2700-00045

Modified: March 11, 2011, November 9, 2011, and April 12, 2013

**PART I
GENERAL CONDITIONS**

- I.1 Any activities not identified in the application are not authorized by this permit.**
- I.2 All air pollution control facilities shall be designed and constructed such as to allow proper operation and maintenance of the facilities.**
- I.3 The necessary facilities shall be constructed so that solids removed in the course of control of air emissions may be disposed of in a manner such as to prevent the solids from becoming windborne and to prevent the materials from entering State waters without the proper environmental permits.**
- I.4 The air pollution control facilities shall be constructed such that diversion from or bypass of collection and control facilities is not needed except as provided for in Regulation APC-S-1, "Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants", Section 10.**
- I.5 The construction of facilities shall be performed in such a manner as to reduce both point source and fugitive dust emissions to a minimum.**
- I.6 The permittee shall allow the Mississippi Department of Environmental Quality Office of Pollution Control and the Mississippi Environmental Quality Permit Board and/or their representatives upon presentation of credentials:**
 - a. To enter upon the permittee's premises where an air emission source is located or in which any records are required to be kept under the terms and conditions of this permit; and**
 - b. At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit; to inspect any monitoring equipment or monitoring method required in this permit; and to sample any air emissions.**
- I.7 After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to:**
 - a. Violation of any terms or conditions of this permit.**
 - b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts, or**
 - c. A change in any condition that requires either a temporary or permanent reduction or elimination of authorized air emissions.**

- I.8 Except for data determined to be confidential under the Mississippi Air & Water Pollution Control Law, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Mississippi Department of Environmental Quality Office of Pollution Control.**
- I.9 The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.**
- I.10 Nothing herein contained shall be construed as releasing the permittee from any liability for damage to persons or property by reason of the installation, maintenance, or operation of the air cleaning facility, or from compliance with the applicable statutes of the State, or with local laws, regulations, or ordinances.**
- I.11 This permit may only be transferred upon approval of the Mississippi Environmental Quality Permit Board.**
- I.12 This permit is for air pollution control purposes only.**
- I.13 Approval to construct will expire should construction not begin within eighteen (18) months of the issuance of this permit, or should construction be suspended for eighteen (18) months. The Permit Board may extend the permit to construct for such additional time it deems appropriate if, at the time of the extension request, the applicant can demonstrate it meets all requirements necessary to issue a new permit to construct.**
- I.14 The permittee shall notify the MDEQ in writing when construction of the facility begins within fifteen (15) days of beginning actual construction.**
- I.15 Upon the completion of construction or installation of each assembly plant, the applicant shall notify the Permit Board within thirty (30) days that construction or installation was performed in accordance with the approved plans and specifications on file with the permit board. Certification of Construction for the purposes of this permit is defined as the first time equipment is used in a facility to produce a salable product.**
- I.16 The Permit to Construct shall be deemed to satisfy the requirement for a permit to operate until the date the application for issuance of the Title V Permit to Operate is due. The permittee shall submit an application for a Title V Permit to Operate no later than twelve (12) months after beginning operation. Beginning operation will be assumed to occur upon certification of construction, unless the permittee specifies differently in writing.**

EMISSION POINT DESCRIPTION

The permittee is authorized to construct air emissions equipment for the emission of air contaminants from the following emission points:

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-108a (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 distilled fuel oil.
AA-134b (Ref. S-1-5-1b)	Plant #2 equipped with Nine (9) 7.87 MMBTU/HR Boilers capable of combusting backup distilled 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) 0.31 MMBTU/Hr Burners.
AA-141b	Steel Center Admin HVAC equipped with Three (3) 0.182 MMBTU/Hr Burners.
AA-141c	Steel Center Admin HVAC equipped with Two (2) 0.072 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	Two (2) 5,500 Gallon Tanks for storing A/C Fluid – Tank Farm
AA-302(Ref. S-3-2)	Two (2) 10,500 Gallon Tanks for storing Antifreeze 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)	Two (2) 10,500 Gallon Tanks for storing Transmission Fluids (Automatic and Manual) - Tank Farm
AA-305 (Ref. S-3-5-1)	Four (4) 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)	Four (4) 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)	Two (2) 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)	Two (2) 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
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-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 Recycling 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, rocker PVC, 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-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

PART III
EMISSION POINT SPECIFIC LIMITATIONS AND STANDARDS

Emission Point	Applicable Requirement	Condition Number	Pollutant/Parameter	Limit/Standard
AA-000 <i>(Plantwide)</i>	40 CFR 60, Subpart MM, specifically 40 CFR 60.390(a) thru (c)	III.1		Standards of Performance for Automobile and Light Duty Truck Surface Coating Operations
	40 CFR 60, Subpart IIII, specifically 40 CFR 60.4200(a)(2)	III.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)	III.3		Organic Liquids Distribution (Non-Gasoline)
	40 CFR 63, Subpart IIII, specifically 40 CFR 63.3081	III.4		Surface Coating of Automobiles and Light Duty Trucks
	40 CFR 63, Subpart MMMM, specifically 40 CFR 63.3881(d)	III.5		Surface Coating of Miscellaneous Metal Parts and Products
	40 CFR 63, Subpart PPPP, specifically 40 CFR 63.4481(d)	III.6		Surface Coating of Plastic Parts and Products
	40 CFR 63, Subpart ZZZZ, specifically 40 CFR 63.6585 and 63.6600	III.7		Stationary Reciprocating Internal Combustion Engines
	40 CFR 63, Subpart DDDDD, specifically 40 CFR 63.7485	III.8		Industrial, Commercial, and Institutional Boilers and Process Heaters
	PSD Construction Permit Issued June 5, 2007	III.9	Opacity	Not to exceed 10% at any time

Emission Point	Applicable Requirement	Condition Number	Pollutant/Parameter	Limit/Standard
AA-100 <i>(Natural Gas Combustion)</i>	PSD Construction Permit Issued June 5, 2007	III.10	PM/PM10	BACT: Combustion of Natural Gas and Good Combustion Practices
			VOC	
			NOx	
			CO	
		III.11	PM/PM10	31.6 tpy
		III.12	VOC	22.9 tpy
		III.13	NOx	415.9 tpy
		III.14	CO	349.4 tpy
III.15	SO2	3.7 tpy		
AA-134a and AA-134b <i>(Boilers)</i>	40 CFR 63.7506(b)(3)	III.16	Limited Requirements	AA-134a and AA-134b
	PSD Construction Permit Issued June 5, 2007	III.17	NOx	BACT: 0.10 lbs/MMBTU and Low NOx Combustion Techniques
		III.18	Distillate Fuel Oil	1,000,000 gallons per year and a Sulfur content equal to or less than 0.05%
AA-200 <i>(Emergency Support Equipment)</i>	PSD Construction Permit Issued on July 5, 2007	III.19	PM/PM10	BACT: Use of Low Sulfur Fuel Oil (Sulfur content equal to or less than 0.05%)
			VOC	
			NOx	
			CO	
		III.20	PM/PM10	1.9 tpy
		III.21	VOC	2.2 tpy
		III.22	NOx	27.5 tpy
		III.23	CO	5.9 tpy
III.24	SO2	1.8 tpy		

Emission Point	Applicable Requirement	Condition Number	Pollutant/Parameter	Limit/Standard
AA-200 <i>(Emergency Support Equipment)</i>	40 CFR 60.4205(b), and (c) via 60.4202(a)(2)	III.25	Emission Limitations	Emission Standard Certification
	40 CFR 60.4206	III.26		Lifetime Emission Standard
	40 CFR 60.4207(a), (b), and (c)	III.27		Diesel Fuel Standard
	40 CFR 60.4208(a) and (g)	III.28		Installation Deadlines
	40 CFR 60.4217	III.29		Special Fuels/ Optional Standards
AA-201a and AA-201b	40 CFR 63.6590(b)	III.30	Applicability	Limited Requirements
	40 CRR 63.6645(d)	III.31	Notification	Initial Notification
AA-300 <i>(Bulk Liquid Storage Tanks)</i>	PSD Construction Permit Issued June 5, 2007	III.32	VOC	Submerged Filled Pipes, Conservation Vents, Fixed Roof Tank Design.
AA-309 <i>(Gasoline Tank)</i>		III.33		4.2 tpy
		III.34		BACT: Stage I Vapor Control for Gasoline Tank Truck Unloading
AA-302 and AA-307	40 CFR 63, Subpart EEEE, specifically 40 CFR 63.2334(a), 63.2338(b) and 63.2342(a)(2)	III.35	VOC	Organic Liquids Distribution (Non-Gasoline) for New Sources Constructed after April 2, 2002
AA-400 <i>(Stamping, Bodyweld Shop, Steel Center and Steel Recycling Center)</i>	PSD Construction Permit Issued June 5, 2007	III.36	PM/PM10	BACT: Incorporation of Dry Filtration or Dust Minimization Techniques and Good Operating/Work and Maintenance Practices
		III.37		Resistance Welding and Filtration on Mig Welding Operations
		III.38		8.7 tpy
		III.39	VOC	Low VOC Rust Preventative Oil
		III.40		53.42 tpy
AA-401	PSD Construction Permit Issued June 5, 2007	III.41	VOC	BACT: Use of Low VOC content materials when technically feasible

Emission Point	Applicable Requirement	Condition Number	Pollutant/Parameter	Limit/Standard
AA-500 <i>(Primary Paint Shop)</i>	PSD Construction Permit Issued June 5, 2007	III.42	PM/PM10	21.4 tpy
		III.43	VOC	639.4 tpy
AA-501a and AA-501b <i>(Body E-Coat Dip Tank and Curing Oven)</i>	PSD Construction Permit Issued June 5, 2007	III.44	PM/PM10	BACT: Dip Tank Application
		III.45	VOC	BACT: 0.13 lbs/GACS and Use of Waterborne Materials
		III.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 <i>(Primer Surfacer Booth and Topcoat Booth)</i>	PSD Construction Permit Issued June 5, 2007 and March 11, 2011	III.47	PM/PM10	BACT: Use of Wet Scrubbers or Dry Filtration for Spray Application Areas
		III.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 <i>(Paint System Curing Oven)</i>	PSD Construction Permit Issued June 5, 2007	III.49	VOC	BACT: Oven Exhaust controlled by Emission Points AA-133a and AA-133b, with a 95% minimum destruction/removal efficiency.
AA-600 <i>(Plastic Shop)</i>	PSD Construction Permit Issued June 5, 2007	III.50	PM/PM10	9.9 tpy
		III.51		BACT: Use of Wet Scrubbers or Dry Filter System for Spray Application Areas
		III.52	VOC	455.58 tpy
		III.53		BACT: Use of Waterborne Primers and Topcoat Materials when technically feasible
AA-601a and AA-601b	PSD Construction Permit Issued June 5, 2007	III.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 <i>(Injection and Slush Molding)</i>	PSD Construction Permit Issued June 5, 2007	III.55	VOC	BACT: Good Operating/Work Parameters for minimizing Mold Release and Slush Molding
AA-604a and AA-604b	PSD Construction Permit Issued June 5, 2007	III.56	VOC	BACT: 2.2 lbs/Gallon
AA-700 <i>(Misc. Metal Coating)</i>	PSD Construction Permit Issued June 5, 2007	III.57	PM/PM10	BACT: Use of Wet Scrubbers or Dry Filtration for Spray Application Area
		III.58		6.6 tpy
		III.59	VOC	BACT: Use of Low VOC Content Material and High Efficiency Applicators when technically feasible and Good Operating/Work Practices
		III.60		89.8 tpy
		III.61		Curing Oven Exhaust for Small Parts and Fuel Tank Process to be Controlled by Thermal Oxidation to Control Odors. No Specific Limits Apply.
AA-800 <i>(Misc. Body Coating)</i>	PSD Construction Permit Issued June 5, 2007	III.62	PM/PM10	BACT: Use of Wet Scrubbers or Dry Filtration for Spray Application Area
		III.63		6.7 tpy
		III.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.
		III.65		176.1 tpy

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

Emission Point	Applicable Requirement	Condition Number	Pollutant/Parameter	Limit/Standard
AA-1200 (<i>Marshalling Yard</i>)	PSD Construction Permit Issued June 5, 2007	III.83	Work Practices	Good Operating/Work Practices
		III.84	PM/PM10	0.1 tpy
		III.85	VOC	BACT: Use of Good Work Practices to Minimize Emissions
		III.86		1.0 tpy
AA-500 thru AA-1200	40 CFR 63.3082	III.87	Applicability	Affected Sources
	40 CFR 63.3090	III.88	HAP	Emission Limitations
	40 CFR 63.3092	III.89	Emission Control	EDP Primer System for compliance with 40 CFR 63.3090(b)
	40 CFR 63.3093	III.90	Operating Limits	Emission Control Devices
	40 CFR 63.3094	III.91	Work Practice Standards	Develop and Implement Work Practice Plan
	40 CFR 63.3100	III.92	Compliance Demonstration	General Compliance Requirements
	40 CFR 63.3150	III.93	Compliance Requirement (Sealer and Sound Dampener, and Sealers and Adhesives)	Initial Compliance Demonstration
	40 CFR 63.3151	III.94		Initial Compliance with Emission Limitation
	40 CFR 63.3152	III.95		Continuous Compliance with Emission Limitation
	40 CFR 63.3160	III.96		Initial Compliance – Performance Test Date
	40 CFR 63.3161	III.97	Compliance Requirement (Combined ED Primer, Primer Surfacer, Topcoat, Final Repair, Glass Bonding Primer and Glass Bonding Adhesive)	Initial Compliance Demonstration
	40 CFR 63.3163	III.98		Continuous Compliance with Emission Limitation
	40 CFR 63.3164	III.99		Performance Testing
	40 CFR 63.3165	III.100	Emission Capture System Efficiency	
	40 CFR 63.3166	III.101	Determining Add-on Control Emission Destruction or Removal Efficiency	
	40 CFR 63.3167	III.102	Establishing Operating Limits for Add-on Control Device	

Emission Point	Applicable Requirement	Condition Number	Pollutant/Parameter	Limit/Standard
AA-500 thru AA-1200	40 CFR 63.3171	III.103	Compliance Requirement (Combined Primer Surfacer, Topcoat, Final Repair, Glass Bonding Primer and Glass Bonding Adhesive, Separate ED Primer Limit)	Initial Compliance Demonstration
	40 CFR 63.3173	III.104		Continuous Compliance with Emission Limitation
AA-1500 and AA-1600 (Misc. Insignificant Support Activities/Operations)	APC-S-1, Section 3.4(a)(1)	III.105	PM	0.6 lbs/MMBTU or as otherwise limited by facility modification restrictions
	APC-S-1, Section 3.4(a)(2)	III.106		$E = 0.8808 * T^{-0.1667}$ or as otherwise limited by facility modification restrictions.
	APC-S-1, Section 3.8(a)	III.107		0.2 grains/dscf of flue gas calculated to 12% CO ₂ by volume
	APC-S-1, Section 4.1(a)	III.108	SO ₂	4.8 lbs/MMBTU per hour or as otherwise limited by facility modification restrictions

- III.1 For Emission Point AA-000, the permittee is subject to, and shall comply with all applicable provisions 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))**
- III.2 For Emission Point AA-000, the permittee is subject to, and shall comply with all applicable provisions of, 40 CFR 60, Subpart III – Standards of Performance for Stationary Compression Ignition Internal Combustion Engines. (Ref. 40 CFR 60.4200(a)(2))**
- III.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 Distribution (Non-Gasoline).(Ref. 40 CFR 63.2334(a), 63.2338(b), and 63.2342(a)(2))**
- III.4 For Emission Point AA-000, the permittee is subject to, and shall comply with all applicable provisions of, 40 CFR 63, Subpart III – National Emission Standards for Hazardous Air Pollutants from the Surface Coating of Automobiles and Light Duty Trucks. (Ref. 40 CFR 63.3081)**
- III.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 III – 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 III (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))**
- III.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 III – 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 III (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 63.4481(d))**
- III.7 For Emission Point AA-000, the permittee is subject to, and shall comply with all applicable provisions 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)**
- III.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)**

- III.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)
- III.10** For Emission Point AA-100, the Permittee shall Combust Natural Gas Only, except during those activities authorized by Condition III.18 of the Federally Enforceable Permit Herein, and Use Good Combustion Practices for reducing emissions of Particulate Matter/Particulate Matter-10 (PM/PM10), Volatile Organic Compounds (VOC), Nitrogen Oxides (NO_x), and Carbon Monoxide (CO). (Ref. PSD Construction Permit Issued June 5, 2007 - BACT for PM/PM10, VOC, NO_x, and CO)
- III.11** For Emission Point AA-100, the permittee shall limit emissions of PM/PM10 to 31.6 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued June 5, 2007)
- III.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)
- III.13** For Emission Point AA-100, the permittee shall limit emissions of NO_x to 415.9 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued June 5, 2007)
- III.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)
- III.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)
- III.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))
- III.17** For Emission Points AA-134a and AA-134b emissions of NO_x to 0.1 pound per MMBTU per hour heat input and utilize Low NO_x Combustion Techniques. (PSD Construction Permit Issued June 5, 2007 - BACT for NO_x)
- III.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)

- III.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, NO_x, and CO. (Ref. PSD Construction Permit Issued June 5, 2007 - BACT for PM/PM10, VOC, NO_x, and CO)
- III.20** For Emission Point AA-200, the permittee shall limit during emissions of PM/PM10 to 1.9 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued June 5, 2007)
- III.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)
- III.22** For Emission Point AA-200, the permittee shall limit emissions of NO_x to 27.5 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued June 5, 2007)
- III.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)
- III.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)
- III.25** For Emission Point AA-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)
- III.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.
- III.27** For Emission Point AA-200, the permittee shall comply with the following:
- (a) Beginning October 1, 2007, if the permittee uses diesel fuel, then the permittee shall use diesel fuel that meets the requirements of 40 CFR 80.510(a).

- (b) 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.
- (c) 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(a) thru (c))

III.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))

III.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)

III.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))

III.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))

III.32 For Emission Point AA-300, the permittee shall either Install Submerged Filled Pipes, Conservation Vents, or Fixed Rood Above Ground Tanks with Pressure

Relief Valves, for minimizing emissions of VOC. (PSD Construction Permit Issued June 5, 2007)

III.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)

III.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)

III.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 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))

III.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)

III.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)

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

- III.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)
- III.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)
- III.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 III.40 of the Federally Enforceable Permit Herein. (Ref. PSD Construction Permit Issued June 5, 2007 - BACT VOC)
- III.42** For Emission Point AA-500, the permittee shall limit emissions of PM/PM10 to 21.4 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued June 5, 2007)
- III.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)
- III.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)
- III.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)
- III.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 III, 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)
- III.47** For Emission Points AA-502a, AA-502b, AA-503a, AA-503b, AA-604a, and AA-604b, the permittee shall use Dry Filtration or Wet Scrubbers for the Spray Application Areas for minimizing PM/PM10 Emissions. (PSD Construction Permit Issued June 5, 2007 and April 12, 2013 - BACT for PM/PM10)

- III.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 (Thermal Oxidizer(s)) and AA-133b (Thermal Oxidizer(s)). (PSD Construction Permit Issued June 5, 2007 and March 11, 2011 - BACT for VOC)
- III.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 III, 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)
- III.50** For Emission Point AA-600, the permittee shall limit emissions of PM/PM10 to 10.1 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued June 5, 2007)
- III.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)
- III.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)
- III.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 III.54 of the Federally Enforceable Permit Herein. (Ref. PSD Construction Permit Issued June 5, 2007 - BACT for VOC)
- III.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)
- III.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. (Ref. PSD Construction Permit Issued June 5, 2007 - BACT for VOC)

- III.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)**
- III.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)**
- III.58 For Emission Point AA-700, the permittee shall limit emissions of PM/PM10 to 6.6 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued June 5, 2007)**
- III.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 III.62 of the Federally Enforceable Permit Herein. (Ref. PSD Construction Permit Issued June 5, 2007 - BACT for VOC)**
- III.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)**
- III.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)**
- III.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)**
- III.63 For Emission Point AA-800, the permittee shall limit emissions of PM/PM10 to 6.7 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued June 5, 2007)**
- III.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 III.67 of the Federally Enforceable Permit Herein. (Ref. PSD Construction Permit Issued June 5, 2007 - BACT for VOC)**
- III.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)**

- III.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)
- III.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 III.70 of the Federally Enforceable Permit Herein. (Ref. PSD Construction Permit Issued June 5, 2007)
- III.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)
- III.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)
- III.70** For Emission Points AA-1000, the permittee shall limit emissions of PM/PM10 to 0.25 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued June 5, 2007)
- III.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)
- III.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)
- III.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)
- III.74** For Emission Point AA-1100, AA-1103a, and AA-1103b, the permittee shall limit emissions of PM/PM10 to 2.6 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued June 5, 2007)
- III.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)
- III.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)

- III.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 III.78 of the Federally Enforceable Permit Herein. (Ref. PSD Construction Permit Issued June 5, 2007)
- III.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)
- III.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)
- III.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)
- III.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)
- III.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)
- III.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)
- III.84** For Emission Point AA-1200, the permittee shall the permittee shall limit emissions of PM/PM10 to 0.1 tons per year as determined for each consecutive 12-month period. (PSD Construction Permit Issued June 5, 2007)
- III.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)
- III.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)
- III.87** For Emission Points AA-500 thru AA-1200, the permittee shall comply with each affected source subject to 40 CFR 63.3082. (Ref. 40 CFR 63.3082)
- III.88** For Emission Points AA-500 thru AA-1200, the permittee shall comply with the Emission Limitations as described by 40 CFR 63.3090. (Ref. 40 CFR 63.3090)

- III.89 For Emission Points AA-500 thru AA-1200, the permittee shall comply with the Emission Controls as described by 40 CFR 63.3092. (Ref. 40 CFR 63.3092)
- III.90 For Emission Points AA-500 thru AA-1200, the permittee shall comply with the Operating Limits as described by 40 CFR 63.3093. (Ref. 40 CFR 63.3093)
- III.91 For Emission Points AA-500 thru AA-1200, the permittee shall comply with the Work Practice Standards as described by 40 CFR 63.3094. (Ref. 40 CFR 63.3094)
- III.92 For Emission Points AA-500 thru AA-1200, the permittee shall comply with the General Requirements for Compliance Demonstration as described by 40 CFR 63.3100. (Ref. 40 CFR 63.3100)
- III.93 For Emission Points AA-500 thru AA-1200, the permittee shall comply with the Initial Compliance Demonstration as described by 40 CFR 63.3150. (Ref. 40 CFR 63.3150)
- III.94 For Emission Points AA-500 thru AA-1200, the permittee shall comply with the Initial Compliance with Emission Limitations as described by 40 CFR 63.3151. (Ref. 40 CFR 63.3151)
- III.95 For Emission Points AA-500 thru AA-1200, the permittee shall comply with the Continuous Compliance with Emission Limitations as described by 40 CFR 63.3152. (Ref. 40 CFR 63.3152)
- III.96 For Emission Points AA-500 thru AA-1200, the permittee shall comply with the Initial Compliance Performance Test Date as described by 40 CFR 63.3160. (Ref. 40 CFR 63.3160)
- III.97 For Emission Points AA-500 thru AA-1200, the permittee shall comply with the Initial Compliance Demonstration as described by 40 CFR 63.3161. (Ref. 40 CFR 63.3161)
- III.98 For Emission Points AA-500 thru AA-1200, the permittee shall comply with the Continuous Compliance with Emission Limitations as described by 40 CFR 63.3163. (Ref. 40 CFR 63.3163).
- III.99 For Emission Points AA-500 thru AA-1200, the permittee shall comply with the General Requirements for Performance Testing as described by 40 CFR 63.3164. (Ref. 40 CFR 63.3164)
- III.100 For Emission Points AA-500 thru AA-1200, the permittee shall comply with the Emission Capture System Efficiency for Performance Testing as described by 40 CFR 63.3165. (Ref. 40 CFR 63.3165)
- III.101 For Emission Points AA-500 thru AA-1200, the permittee shall comply with Determining Add-on Control Emission Destruction or Removal Efficiency for Performance as described by 40 CFR 63.3166. (40 CFR 63.3166)

III.102 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. (Ref. 40 CFR 63.3167)

III.103 For Emission Points AA-500 thru AA-1200, the permittee shall comply with the Initial Compliance Demonstration as described by 40 CFR 63.3171. (Ref. 40 CFR 63.3171)

III.104 For Emission Points AA-500 thru AA-1200, the permittee shall comply with the Initial Compliance with Emission Limitations as described by 40 CFR 63.3173. (Ref. 40 CFR 63.3173)

III.105 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.: APC-S-1, Section 3. 4(a)1.)

III.106 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.: APC-S-1, Section 3.4(a)(2))

III.107 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. APC-S-1, Section 3.8(a))

III.108 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.: APC-S-1, Section 4.1(a))

**PART IV
 EMISSION POINT SPECIFIC MONITORING AND/OR RECORDKEEPING**

Emission Point	Pollutant/ Parameter Monitored	Monitoring/Recordkeeping Requirement	Condition Number	Applicable Requirement
AA-000 <i>(Plantwide)</i>	Opacity	Monitoring and Monthly Recordkeeping of weekly Visual Emission Monitoring (VEM) Observations	IV.1	PSD Construction Permit Issued June 5, 2007
	Preventative Maintenance	Monitoring and Monthly Recordkeeping of Regular Maintenance	IV.2	
	CAM	Compliance through NSPS, BACT, and MACT Monitoring Requirements	IV.3	40 CFR 64.3(a) and (b), 64.6, 64.7, 64.8, and 64.9,
AA-100 <i>(Natural Gas Fired Combustion)</i>	PM/PM10	Monitoring and Monthly Recordkeeping of PM/PM10 Emissions	IV.4	PSD Construction Permit Issued June 5, 2007
	VOC	Monitoring and Monthly Recordkeeping of VOC Emissions	IV.5	
	NOx	Monitoring and Monthly Recordkeeping of NOx Emissions	IV.6	
	CO	Monitoring and Monthly Recordkeeping of CO Emissions	IV.7	
	SO2	Monitoring and Monthly Recordkeeping of SO2 Emissions	IV.8	
	BACT PM/PM10	Monitoring of Good Combustion Practices and Monthly Recordkeeping of Fuel Quality and Quantity	IV.9	PSD Construction Permit Issued June 5, 2007
	BACT VOC			
	BACT NOx			
BACT CO				
AA-132a, AA-132b, AA-133a, and AA-133b <i>(Natural Gas Fired Boilers)</i>	Temperature Measurement Device	Installation, Monitoring, and Recording	IV.10	40 CFR 60.394 and PSD Construction Permit Issued June 5, 2007

Emission Point	Pollutant/ Parameter Monitored	Monitoring/Recordkeeping Requirement	Condition Number	Applicable Requirement
AA-134a and AA-134b <i>(Natural Gas Fired Boilers)</i>	PM/PM10	Monitoring and Monthly Recordkeeping of PM/PM10 Emissions during Distillate Fuel Usage	IV.11	PSD Construction Permit Issued June 5, 2007
	VOC	Monitoring and Monthly Recordkeeping of VOC Emissions during Distillate Fuel Usage	IV.12	
	NOx BACT	Monitoring and Monthly Recordkeeping of NOx Emissions during Distillate Fuel Usage and Good Combustion Techniques	IV.13	
	NOx			
	CO	Monitoring and Monthly Recordkeeping of CO Emissions during Distillate Fuel Usage	IV.14	
	SO2	Monitoring and Monthly Recordkeeping of SO2 Emissions during Distillate Fuel Usage	IV.15	
AA-200 <i>(Emergency Support Equipment)</i>	Monitoring	Monitoring Requirements	IV.16	40 CFR 60.4209
	Compliance	Monitoring for Demonstrating Compliance Requirements	IV.17	40 CFR 60.4211(a), (b)(1), (c), and (e)
	PM/PM10	Monitoring and Monthly Recordkeeping of PM/PM10 Emissions	IV.18	PSD Construction Permit Issued June 5, 2007
	VOC	Monitoring and Monthly Recordkeeping of VOC Emissions	IV.5	
	NOx	Monitoring and Monthly Recordkeeping of NOx Emissions	IV.6	
	CO	Monitoring and Monthly Recordkeeping of CO Emissions	IV.7	
	SO2	Monitoring and Monthly Recordkeeping of SO2 Emissions	IV.8	
AA-200 <i>(Emergency Support Equipment)</i>	BACT PM/PM10	Monitoring and Monthly Recordkeeping of Low Sulfur Fuel Oil	IV.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 <i>(Bulk Liquid Storage Tanks)</i>	VOC BACT	Monitoring and Monthly Recordkeeping of Certification of Vapor Control Usage and Good Operating/Work Practices	IV.20	PSD Construction Permit Issued June 5, 2007
	Stage I Vapor Control (Gasoline Tank Only)			
	VOC	Monitoring and Monthly Recordkeeping of VOC Emissions	IV.5	
AA-400 <i>(Stamping and Bodyweld Shops, Steel and Steel Recycling Centers)</i>	PM/PM10 BACT	Monitoring and Monthly Recordkeeping of Certification of Baghouse/Dry Filter Maintenance and Good Operating/Work Practices	IV.21	PSD Construction Permit Issued June 5, 2007
	PM/PM10	Monitoring and Monthly Recordkeeping of PM/PM10 Emissions	IV.4	
	VOC	Monitoring and Monthly Recordkeeping Certification of Low VOC Rust Preventative Oil	IV.22	
		Monitoring and Monthly Recordkeeping of VOC Emissions	IV.5	
AA-403a and AA-403b <i>(Mig Welding and Brazing)</i>	PM/PM10	Monitoring and Monthly Recordkeeping of PM/PM10 Emissions.	IV.4	PSD Construction Permit Issued June 5, 2007
AA-500 <i>(Primary Paint Shop)</i>	Performance Testing and Compliance Provisions	Initial and Subsequent Performance Testing and Procedures	IV.23	40 CFR 60.393(b) and (c)
	Reference Methodology	Reference Methods and Procedures	IV.24	40 CFR 60.396
	PM/PM10	Monitoring and Monthly Recordkeeping of PM/PM10 Emissions	IV.4	PSD Construction Permit Issued June 5, 2007
	VOC	Monitoring and Monthly Recordkeeping of VOC Emissions	IV.5	
	VOC BACT	Monitoring and Monthly Recordkeeping of the Destruction Efficiency	IV.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 <i>(Body E-Coat Dip Tank and Curing Oven, Primer Surfacer Booth and Topcoat Booth)</i>	VOC BACT	Monitoring and Monthly Recordkeeping of VOC Quality and Quantity	IV.26	PSD Construction Permit Issued June 5, 2007
AA-502a, AA-502b, AA-503a, and AA-503b <i>(Primer Surfacer Booth and Topcoat Booth)</i>	PM/PM10 BACT	Monitoring and Monthly Recordkeeping of Certification of Wet Scrubber or Dry Filtration Usage and Good Operating/Work Practices	IV.2	PSD Construction Permit Issued June 5, 2007
AA-600 <i>(Plastic Shop)</i>	VOC	Monitoring and Monthly Recordkeeping of VOC Emissions	IV.5	PSD Construction Permit Issued June 5, 2007
	PM/PM10	Monitoring and Monthly Recordkeeping of PM/PM10 Emissions	IV.4	
AA-601a and AA-601b <i>(Interior Parts Spray Booth and Curing Oven)</i>	PM/PM10 BACT	Monitoring and Monthly Recordkeeping of Certification of Wet Scrubber or Dry Filtration System and Good Operating/Work Practices	IV.21	PSD Construction Permit Issued June 5, 2007
AA-601a, AA-601b, AA-604a, and AA-604b <i>(Interior Parts Spray Booth and Curing Oven, and Bumper Spray Booth and Curing Oven)</i>	VOC BACT	Monitoring and Monthly Recordkeeping of VOC Quality and Quantity	IV.26	PSD Construction Permit Issued June 5, 2007
	VOC	Monitoring and Monthly Recordkeeping of VOC Emissions	IV.5	
AA-602a, AA-602b, AA-603a, and AA-6003b <i>(Injection and Slush Molding)</i>	VOC BACT	Monitoring and Monthly Recordkeeping of Certification of Good Operating/Work Practices	IV.22	PSD Construction Permit Issued June 5, 2007
	VOC	Monitoring and Monthly Recordkeeping of VOC Emissions	IV.5	

Emission Point	Pollutant/ Parameter Monitored	Monitoring/Recordkeeping Requirement	Condition Number	Applicable Requirement
AA-604a and AA-604b <i>(Bumper Spray Booth and Curing Oven)</i>	PM/PM10 BACT	Monitoring and Monthly Recordkeeping of Certification of Wet Scrubber Usage and Good Operating/Work Practices	IV.21	PSD Construction Permit Issued June 5, 2007
AA-700 <i>(Misc. Metal Coating)</i>	VOC BACT	Monitoring and Monthly Recordkeeping of Certification of Low VOC Content Material and Good Operating/Work Practices	IV.22	PSD Construction Permit Issued June 5, 2007
	VOC	Monitoring and Monthly Recordkeeping of VOC Emissions	IV.5	
	PM/PM10 BACT	Monitoring and Monthly Recordkeeping of Certification of Dry Filtration or Wet Scrubber Usage and Good Operating/Work Practices	IV.21	
	PM/PM10	Monitoring and Monthly Recordkeeping of PM/PM10 Emissions	IV.4	
AA-800 <i>(Misc. Body Coating)</i>	PM/PM10 BACT	Monitoring and Monthly Recordkeeping of Certification of Dry Filtration or Wet Filtration Usage and Good Operating/Work Practices	IV.21	PSD Construction Permit Issued June 5, 2007
	PM/PM10	Monitoring and Monthly Recordkeeping of PM/PM10 Emissions	IV.4	
	VOC BACT	Monitoring and Monthly Recordkeeping of VOC Quality and Quantity	IV.26	
	VOC	Monitoring and Monthly Recordkeeping of VOC Emissions	IV.5	
AA-500 thru AA-1200	Demonstrating Continuous Compliance with Emission Limitations	Adhesive, Sealer, and Deadner Requirements	IV.27	40 CFR 63.3152
		Combined EDP Primer, Primer Surfacer, Topcoat, Final Repair, Glass Bonding Primer, and Glass Bonding Adhesive Requirements	IV.28	40 CFR 63.3163
	Continuous Parameter Monitoring System	Installation, Operation, and Maintenance	IV.29	40 CFR 63.3168

Emission Point	Pollutant/ Parameter Monitored	Monitoring/Recordkeeping Requirement	Condition Number	Applicable Requirement
AA-900 <i>(Misc. Process Cleaning)</i>	VOC BACT	Monitoring and Monthly Recordkeeping of Certification of Good Operating/Work Practices	IV.30	PSD Construction Permit Issued June 5, 2007
	VOC	Monitoring and Monthly Recordkeeping of VOC Emissions	IV.5	
AA-1000 <i>(Paint Repair)</i>	PM/PM10 BACT	Monitoring and Monthly Recordkeeping of Certification of Particulate Filtration and Good Operating/Work Practices	IV.30	PSD Construction Permit Issued June 5, 2007
	PM/PM10	Monitoring and Monthly Recordkeeping of PM/PM10 Emissions	IV.4	
	VOC	Monitoring and Monthly Recordkeeping of VOC Emissions	IV.5	
AA-1100 <i>(Assembly Final Line)</i>	VOC BACT	Monitoring and Monthly Recordkeeping of Certification of Good Operating/Work Practices	IV.30	PSD Construction Permit Issued June 5, 2007
	NOx BACT			
	CO BACT			
	VOC	Monitoring and Monthly Recordkeeping of VOC Emissions	IV.5	
	NOx	Monitoring and Monthly Recordkeeping of NOx Emissions	IV.6	
	CO	Monitoring and Monthly Recordkeeping of CO Emissions	IV.7	
	Onboard Vapor Control	Monitoring and Monthly Recordkeeping of Certification of Vapor Control Usage and Good Operating/Work Practices	IV.20	
AA-1200 <i>(Marshalling Yard)</i>	VOC BACT	Monitoring and Monthly Recordkeeping of Certification of Good Operating/Work Practices	IV.30	PSD Construction Permit Issued June 5, 2007
	PM/PM10			
	PM/PM10	Monitoring and Monthly Recordkeeping of PM/PM10 Emissions	IV.4	
	VOC	Monitoring and Monthly Recordkeeping of VOC Emissions	IV.5	

- IV.1 For Emission Point AA-000, the permittee shall perform and maintain sufficient records to document weekly Visual Emission Evaluations (VEEs/Observations) for demonstrating compliance with Condition III.1 of the permit herein. If visible emissions are observed from any stack, excluding uncombined water droplets, the permittee shall perform EPA Method 9 on that emission point for determining compliance with the aforementioned Condition. (Ref.: PSD Construction Permit Issued June 5, 2007)**
- IV.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)**
- IV.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)**
- IV.4 For Emission Point AA-100, 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 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 Section III 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)

IV.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 Section III of the permit herein.**

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

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

IV.6 For Emission Point AA-100, AA-200, and AA-1100, the permittee shall determine the following for NO_x emissions and maintain sufficient monthly records to document:

- (a) The permittee may utilize data supplied by the manufacturer, an approved EPA Test Method, or an approved EPA AP-42 Emission Factor for analysis of emissions and;**
- (b) The permittee shall calculate the NO_x emissions from the use of one or more of these methods each month and compare the emissions to those allowed under Condition III of the permit herein.**

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

(Ref.: PSD Construction Permit Issued)

- IV.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 Section III have been met.

(PSD Construction Permit Issued June 5, 2007)

- IV.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 Section III have been met.

(PSD Construction Permit Issued June 5, 2007)

- IV.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 III (BACT Limits for PM/PM₁₀, VOC, NO_x, and CO) of the permit herein. (Ref. PSD Construction Permit Issued June 5, 2007)

- IV.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.

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

- IV.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 Section III. 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)
- IV.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 Section III. 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)
- IV.13 For Emission Points AA-134a and AA-134b, during periods of Distillate Fuel Usage Only, the permittee shall determine compliance with the NO_x Emission Limitations described in Section III 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)
- IV.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 Section III. 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)
- IV.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 Section III. 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)
- IV.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))

IV.17 For Emission Point AA-200, the permittee shall comply with the following for demonstrating compliance with 40 CFR 60, Subpart III:

- (a) The permittee shall operate and maintain the stationary CI internal combustion engine and control device according to the manufacturer's written instructions or procedures developed by the permittee that are approved by the engine manufacturer. In addition, the permittee may only change those settings that are permitted by the manufacturer. The permittee shall also meet the requirements of 40 CFR parts 89, 94 and/or 1068, as they apply.**
- (b) The permittee shall purchase an engine certified to the emission standards in 40 CFR 60.4205(b) or (c), as applicable, for the same model year and maximum (or in the case of fire pumps, NFPA nameplate) engine power. The engine must 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))

IV.18 For Emission Point AA-200, the permittee shall determine compliance with the PM/PM10 Emission Limitations described in Section III. 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 III have been met. (Ref. PSD Construction Permit Issued June 5, 2007)

- IV.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 Section III (BACT Requirement for PM/PM10, VOC, NOx, and CO) of the permit herein. (Ref. PSD Construction Permit Issued June 5, 2007)
- IV.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 Section III of the permit herein. (PSD Construction Permit Issued June 5, 2007)
- IV.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 Section III 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)

- IV.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 Section III 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)

IV.23 For Emission Point AA-500, the permittee shall comply with the following Performance Testing and Compliance Provisions for determining compliance with 40 CFR 63, 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 condition.**
- (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 Section III of 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, and 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:**

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

[$\sum L_{dj}D_{dj}$ 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.

- (I) When more than one application method (*I*) 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:

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

- (D) Calculate the volume weighted average mass of VOC per volume of applied coating solids (*G*) during each calendar 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:

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

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

(I) 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:

$$E = \frac{\sum_{i=1}^n Q_{bi}C_{bi} - \sum_{j=1}^m Q_{aj}C_{aj}}{\sum_{i=1}^n Q_{bi}C_{bi}}$$

(I) 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 III 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 III 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 the Emission Limit in Section III 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))

IV.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 must be a 1-liter sample taken in a 1-liter container.
- (c) For Method 25, the sampling time for each of three runs must be at least one hour. The minimum sample volume must 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 representative stacks would yield results comparable to those that would be obtained by testing all stacks.

(Ref. 40 CFR 60.396)

IV.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 III of the permit herein.

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

IV.26 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 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 III of the permit herein.

(Ref.: PSD Construction Permit issued

- IV.27** For Emission Points AA-500 thru AA-1200, the permittee shall Demonstrate Continuous Compliance with the Emission Limitations for Adhesive, Sealer, and Deadner Requirements as described by 40 CFR 63.3152. (Ref. 40 CFR 63.3152)
- IV.28** For Emission Points AA-500 thru AA-1200, the permittee shall Demonstrate Continuous Compliance with the Emission Limitations for Combined EDP Primer, Primer Surfacer, Topcoat, Final Repair, Glass Bonding Primer, and Glass Bonding Adhesive Requirements as described by 40 CFR 63.3163. (Ref. 40 CFR 63.3163)
- IV.29** For Emission Points AA-500 thru AA-1200, the permittee shall comply with the Continuous Parameter Monitoring System for Installation, Operation, and Maintenance as described by 40 CFR 63.3168. (Ref. 40 CFR 63.3168)
- IV.30** 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, NO_x, 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 III 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, NO_x, 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)

**PART V
 EMISSION POINT SPECIFIC RECORDKEEPING AND/OR REPORTING**

Emission Point	Pollutant/Parameter Monitored	Recordkeeping/Reporting Requirement	Condition Number	Applicable Requirement
AA-000 <i>(Plantwide)</i>	Opacity	Semi-Annual Reports providing exceedances of weekly VEMs.	V.1	PSD Construction Permit Issued June 5, 2007
AA-100 <i>(Natural Gas Fired Combustion)</i>	PM/PM10	Semi-Annual Reports providing the Emission Rate	V.2	PSD Construction Permit Issued June 5, 2007
	VOC		V.3	
	NOx		V.4	
	CO		V.5	
	SO2		V.6	
	Fuel Quality and Quantity	Semi-Annual Reports	V.7	
AA-132a, AA-132b, AA-133a, and AA-133b	Temperature	Semi-Annual Reports providing any exceedance of the Continuously Recorded Combustion Temperature	V.8	PSD Construction Permit Issued June 5, 2007
	Thermal Oxidizer	Semi-Annual Reports providing the Destruction Efficiency	V.9	
AA-134a and AA-134b <i>(Natural Gas Fired Boilers)</i>	PM/PM10	Semi-Annual Reports providing the Emission Rate during Distillate Fuel Oil Usage	V.10	PSD Construction Permit Issued June 5, 2007
	VOC		V.11	
	NOx		V.12	
	CO		V.13	
	SO2		V.14	

Emission Point	Pollutant/Parameter Monitored	Recordkeeping/Reporting Requirement	Condition Number	Applicable Requirement
AA-200 <i>(Emergency Support Equipment)</i>	Initial and Continuous	Notification, Recordkeeping, and Reporting Requirements	V.15	40 CFR 60.4214(b) and (c)
	PM/PM10	Semi-Annual Reports providing the Emission Rate	V.2	PSD Construction Permit Issued on June 5, 2007
	VOC		V.3	
	NOx		V.4	
	CO		V.5	
	SO2		V.6	
	Fuel Quality and Quantity	Semi-Annual Reports	V.7	
AA-300 <i>(Bulk Liquid Storage Tanks)</i>	Records	Accessibility of Records	V.16	
	VOC	Semi-Annual Reports providing the Emission Rate	V.3	PSD Construction Permit Issued June 5, 2007
AA-302 and AA-307 <i>(Antifreeze Tank and Windshield Washer Tank)</i>	Records	Recordkeeping Requirements	V.17	40 CFR 63.2343
AA-400, AA-402a, AA-402b, AA-403a, and AA-403b <i>(Suspension Component Welding and Mig Welding and Brazing)</i>	PM/PM10	Semi-Annual Reports providing the Emission Rate	V.2	PSD Construction Permit Issued June 5, 2007
AA-400 and AA-401 <i>(Drawing and Rust Preventative Oils)</i>	VOC	Semi-Annual Reports providing the Emission Rate	V.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	V.18	40 CFR 60.395
	PM/PM10	Semi-Annual Reports providing the Emission Rate	V.2	PSD Construction Permit Issued June 5, 2007
	VOC		V.3	
	Thermal Oxidizer	Semi-Annual Reports providing the Destruction Efficiency	V.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	V.19	
AA-600 (Plastic Shop)	VOC	Semi-Annual Reports providing the Emission Rate	V.3	PSD Construction Permit Issued June 5, 2007
	PM/PM10		V.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	V.19	PSD Construction Permit Issued June 5, 2007
		Semi-Annual Reports providing the Emission Rate	V.3	
AA-602a, AA-602b, AA-603a, and AA-603b (Injection and Slush Molding)	VOC	Semi-Annual Reports providing the Emission Rate	V.3	PSD Construction Permit Issued June 5, 2007
AA-700 (Misc. Metal Coating)	PM/PM10	Semi-Annual Reports providing the Emission Rate	V.2	PSD Construction Permit Issued June 5, 2007
	VOC		V.3	

Emission Point	Pollutant/Parameter Monitored	Recordkeeping/Reporting Requirement	Condition Number	Applicable Requirement
AA-800 <i>(Misc. Body Coating)</i>	VOC	Semi-Annual Reports providing the Quality and Quantity Used	V.19	PSD Construction Permit Issued June 5, 2007
	PM/PM10	Semi-Annual Reports providing the Emission Rate	V.2	
	VOC		V.3	
AA-500 thru AA-1200	Notification	Reporting Requirements	V.20	40 CFR 63.3110
	Semi-Annual and Performance Testing		V.21	40 CFR 63.3120
	Records	Recordkeeping Requirements	V.22	40 CFR 63.3130
		Form and Duration	V.23	40 CFR 63.3131
AA-900 <i>(Misc. Process Cleaning)</i>	VOC	Semi-Annual Reports providing the Emission Rate	V.3	PSD Construction Permit Issued June 5, 2007
AA-1000 <i>(Paint Repair)</i>	PM/PM10	Semi-Annual Reports providing the Emission Rate	V.2	PSD Construction Permit Issued June 5, 2007
	VOC		V.3	
AA-1100 <i>(Assembly Final Line)</i>	VOC	Semi-Annual Reports providing the Emission Rate	V.3	PSD Construction Permit Issued June 5, 2007
	NOx		V.4	
	CO		V.5	
AA-1200 <i>(Marshalling Yard)</i>	PM/PM10	Semi-Annual Reports providing the Emission Rate	V.2	PSD Construction Permit Issued June 5, 2007
	VOC		V.3	

- V.1** For Emission Point AA-000, the permittee shall submit semi-annual reports containing the requirements of Section IV 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)
- V.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 Section IV for demonstrating compliance with Section III 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)
- V.3** For Emission Point AA-100, AA-200, AA-300, AA-309, AA-400, AA-401, 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 Section IV 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)
- V.4** For Emission Point AA-100, AA-200, and AA-1100, the permittee shall submit semi-annual reports providing the Nitrogen Oxide (NO_x) emission rates in accordance with Section IV 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)
- V.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 Section IV 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)
- V.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 Section IV 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)
- V.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 Section IV 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)

- V.8 For Emission Point AA-132a, AA-132b, AA-133a, and AA-133b, the permittee shall submit semi-annual reports of any exceedance of Section IV (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)**
- V.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 Section IV 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)**
- V.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), Volatile Organic Compounds (VOC), Nitrogen Oxide (NOx), Carbon Monoxide (CO), and Sulfur Dioxide (SO2) 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 Section IV for demonstrating compliance with Section III 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)**
- V.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 in accordance with Section IV for demonstrating compliance with Section III 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)**
- V.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 in accordance with Section IV for demonstrating compliance with Section III 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)**
- V.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 in accordance with Section IV for demonstrating compliance with Section III 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)**

- V.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 in accordance with Section IV for demonstrating compliance with Section III 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)
- V.15** For Emission Point AA-200, the permittee is not required to submit an initial notification for compliance with 40 CFR 60, Subpart III. 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))
- V.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)
- V.17** For Emission Point AA-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), the 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 must 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 (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 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.**

- (ii) **The subsequent Compliance reports must 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).**
 - (3) **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 must be kept up-to-date and must 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 must be kept up-to-date and must 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)

V.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)

V.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 IV of the permit herein.

- (a) Quantity of VOC(s) used (gal or lbs)
- (b) The percentage of VOC's by weight
- (c) The density (lbs/gal), unless material usages are measured in lbs
- (d) The permittee may utilize data supplied by the manufacturer, or analysis of VOC and HAP content by EPA Test Method 24 and/or EPA Test Method 311 40 CFR 60, Appendix A.

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

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

V.20 For Emission Points AA-500 thru AA-1200, the permittee shall comply with the Notification Reporting Requirements as described by 40 CFR 63.3110. (Ref. 40 CFR 63.3110)

- V.21 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. (Ref. 40 CFR 63.3120)**
- V.22 For Emission Points AA-500 thru AA-1200, the permittee shall comply with the Recordkeeping Requirements as described by 40 CFR 63.3130. (Ref. 40 CFR 63.3130)**
- V.23 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. (Ref. 40 CFR 63.3131)**

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
AP-42	Air Pollution Compilation of Air Emission Factors – 42 shall be defined as the factors utilized in the initial application
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
GACS	Gallons of Applied Coating Solids
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
PM₁₀	Particulate Matter less than 10 um in diameter. For purposes of this permit, PM₁₀ is assumed to be PM_{2.5}.
ppm	Parts per Million
PSD	Prevention of Significant Deterioration, 40 CFR 52
SIP	State Implementation Plan
SO₂	Sulfur Dioxide
TPY	Tons per Year
TRS	Total Reduced Sulfur
VEE	Visible Emissions Evaluation
VHAP	Volatile Hazardous Air Pollutant
VOC	Volatile Organic Compound

