

STATE OF MISSISSIPPI AIR POLLUTION CONTROL PERMIT

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

THIS CERTIFIES THAT

**Auto Parts Manufacturing Mississippi, Inc.
Lee County Road 2790
North Lee Industrial Complex
Guntown, 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: December 11, 2007

Modified: October 24, 2011

Permit No.: 1540-00132

**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 the facility, 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 the 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.**

PART II 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 Parts Manufacturing Facility
AA-100 (Ref. S-1)	Plantwide Natural Gas Combustion Equipment
AA-101a (Ref. S-1-1-1)	Administration Area #1 HVAC equipped with a 0.60 MMBTU/HR Burner.
AA-102a (Ref. S-1-1-2a)	Stamping Shop #1 HVAC equipped with a 36.00 MMBTU/HR Burner.
AA-102b (Ref. S-1-1-2b)	Stamping Shop #2 HVAC equipped with an 36.00 MMBTU/HR Burner.
AA-103a (Ref. S-1-1-3a)	Welding Shop #1 HVAC equipped with a 18.00 MMBTU/HR Burner.
AA-103b (Ref. S-1-1-3b)	Welding Shop #2 HVAC equipped with a 18.00 MMBTU/HR Burner.
AA-104a (Ref. S-1-1-4a)	Plastic Shop #1 HVAC equipped with a 20.11 MMBTU/HR Burner.
AA-104b (Ref. S-1-1-4b)	Plastic Shop #2 HVAC equipped with a 20.11 MMBTU/HR Burner.
AA-105a(Ref. S-1-2-5a)	Plastic Shop Primer Booth #1 equipped with a 6.15 MMBTU/Hr Burner.
AA-105b (Ref. S-1-2-5b)	Plastic Shop Primer Booth #2 equipped with a 6.15 MMBTU/Hr Burner.
AA-106a (Ref. S-1-2-6a)	Plastic Shop Basecoat Booth #1 equipped with a 6.15 MMBTU/HR Burner.
AA-106b (Ref. S-1-2-6b)	Plastic Shop Basecoat Booth #2 equipped with a 6.15 MMBTU/HR Burner.
AA-107a (Ref. S-1-2-7a)	Plastic Shop Clearcoat Booth #1 equipped with a 6.15 MMBUT/HR Burner.
AA-107b (Ref. S-1-2-7b)	Plastic Shop Clearcoat Booth #2 equipped with a 6.15 MMBUT/HR Burner.
AA-108a (Ref. S-1-2-8a)	Plastic Shop Interior Parts Booth #1 equipped with an 1.99 MMBTU/HR Burner.
AA-108b (Ref. S-1-2-8b)	Plastic Shop Interior Parts Booth #2 equipped with an 1.99 MMBTU/HR Burner.
AA-109a (Ref. S-1-2-9a)	Plastic Shop #1 equipped with a 4.00 MMBTU/HR Burner.
AA-109b (Ref. S-1-2-9b)	Plastic Shop #2 equipped with a 4.00 MMBTU/HR Burner.
AA-110a (Ref. S-1-3-10a)	Plastic Shop #1 Topcoat Oven equipped with a 3.40 MMBTU/HR Burner.
AA-110b (Ref. S-1-3-10b)	Plastic Shop #2 Topcoat Oven equipped with a 3.40 MMBTU/HR Burner.
AA-111a (Ref. S-1-3-11a)	Welding Shop #1 Small Parts E-Coat Tank and Oven equipped with a 1.23 MMBTU/HR Burner.
AA-111b (Ref. S-1-3-11b)	Welding Shop #2 Small Parts E-Coat Tank and Oven equipped with a 1.23 MMBTU/HR Burner.
AA-112a (Ref. S-1-4-12a)	Plant #1 equipped with Four (4) 11.824 MMBTU/HR Boilers combusting natural gas only.
AA-112b (Ref. S-1-4-12b)	Plant #2 equipped with Four (4) 11.824 MMBTU/HR Boilers capable of combusting natural gas only.

AA-113a	Plant #1 equipped with Four (4) Miscellaneous Vertical Supply Units (VSU) with a total heat input rating of 29.0 MMBtu/hr
AA-113b	Plant #2 equipped with Four (4) Miscellaneous Vertical Supply Units (VSU) with a total heat input rating of 29.0 MMBtu/hr
AA-114a	Plant #1 equipped with Ten (10) Miscellaneous Gas Heater Units (GHU) with a total heat input rating of 1.0 MMBtu/hr
AA-114b	Plant #1 equipped with Ten (10) Miscellaneous Gas Heater Units (GHU) with a total heat input rating of 1.0 MMBtu/hr
AA-115a	Plant #1 equipped with One (1) Exterior Parts Paint Shop (AHB) with heat input rating of 0.88 MMBtu/hr
AA-115b	Plant #2 equipped with One (1) Exterior Parts Paint Shop (AHB) with heat input rating of 0.88 MMBtu/hr
AA-200 (Ref. S-2)	Plantwide Emergency Support Equipment
AA-201	Emergency Generators
AA-201a (Ref. S-2-1-1a)	Plant #1 equipped with One (1) 150 kW Emergency Generator
AA-201b (Ref. S-2-1-1b)	Plant #2 equipped with One (1) 150 kW Emergency Generator
AA-202	Emergency Fire Water Pumps
AA-202a(Ref. S-2-2-1a)	Plant #1 equipped with One (1) 215 kW Emergency Fire Water Pump
AA-202b (Ref. S-2-2-1b)	Plant #2 equipped with One (1) 215 kW Emergency Fire Water Pump
AA-300 (Ref. S-3)	Plantwide Bulk Liquid Storage Tanks
AA-301 (Ref. S-3-1-1)	Four (4) 13,200 Gallon Tanks for storing Waste Paint/Solvent (Tanks T-1 thru T-4) - Tank Farm
AA-303 (Ref. S-3-1-2)	Four (4) 13,200 Gallon Tanks for storing Purge Thinner (Tanks T-5 thru T-8) - Tank Farm
AA-400 (Ref. S-4)	Emission Sources for Stamping and Welding Shop
AA-401a (Ref. S-4-1-1a)	Plant #1 Drawing Oil - Stamping Shop
AA-401b (Ref. S-4-1-1b)	Plant #2 Drawing Oil - Stamping Shop
AA-402a (Ref. S-4-2-1a)	Plant #1 Metal Part Components (Mig Welding and Brazing) - Welding Shop
AA-402b (Ref. S-4-2-1b)	Plant #2 Metal Part Components (Mig Welding and Brazing) - Welding Shop
AA-500 (Ref. S-5)	Emission Sources for Plastic Shop
AA-501a (Ref. S-5-1-1a)	Plant #1 Interior Parts Spray Booth and Curing Oven - Application of Waterborne Materials and Plant #1 Interior Parts Touch Up Booth - Application of Solventborne Materials
AA-501b (Ref. S-5-1-1b)	Plant #2 Interior Parts Spray Booth and Curing Oven - Application of Waterborne Materials and Plant #2 Interior Parts Touch Up Booth – Application of Solventborne Materials

AA-502a (Ref. S-5-2-1a)	Plant #1 Exterior Spray Booth and Curing Oven – Application of Waterborne/Solventborne Primers, Waterborne Basecoat and Solventborne Clearcoat
AA-502b (Ref. S-5-2-1b)	Plant #2 Exterior Parts Booth and Curing Oven – Application of Waterborne/Solventborne Primers, Waterborne Basecoat and Solventborne Clearcoat
AA-503a (Ref. S-5-3-1a)	Plant #1 Injection Molding (use of Mold Release Material)
AA-503b (Ref. S-5-3-1b)	Plant #2 Injection Molding (use of Mold Release Material)
AA-504a (Ref. S-5-4-1a)	Plant #1 Slush Molding/Monoform Operations
AA-504b (Ref. S-5-4-1b)	Plant #2 Slush Molding/Monoform Operations
AA-600 (Ref. S-6)	Emission Sources for Miscellaneous Metal Coating Process
AA-601a (Ref. S-6-1-1a)	Plant #1 Small Parts E-Coat Dip Tank and Curing Oven – Weld Shop
AA-601b (Ref. S-6-1-1b)	Plant #2 Small Parts E-Coat Dip Tank and Curing Oven – Weld Shop
AA-700 (Ref. S-7)	Emission Sources for Miscellaneous Process Cleanings
AA-701a (Ref. S-7-1-1a)	Plant #1 Booth, Application and General Cleanup Materials
AA-701b (Ref. S-7-1-1b)	Plant #2 Booth, Application and General Cleanup Materials
AA-702a (Ref. S-7-2-1a)	Plant #1 Paint Line Cleaning Materials
AA-702b (Ref. S-7-2-1b)	Plant #2 Paint Line Cleaning Materials
AA-703a (Ref. S-7-3-1a)	Plant #1 Wiping Solvents
AA-703b (Ref. S-7-3-1b)	Plant #2 Wiping Solvents
AA-800	Emission Sources for Miscellaneous Adhesive Usage
AA-801a (Ref. S-8-1-1a)	Plant #1 Adhesive Application
AA-801b (Ref. S-8-1-1b)	Plant #2 Adhesive Application
AA-900	Plantwide Fugitive Emission including Paved Roads
AA-1000	Wastewater Treatment Plant including associated Storage Tanks.
AA-1100	Miscellaneous Support Activities/Operations as defined by MS APC-S-6, Section VII

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 IIII, specifically 40 CFR 60.4200(a)(2)	III.1	Applicability	Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
	40 CFR 63, Subpart MMMM, specifically 40 CFR 63.3881(b)	III.2		Surface Coating of Miscellaneous Metal Parts and Products
	40 CFR 63, Subpart PPPP, specifically 40 CFR 63.4481(a)	III.3		Surface Coating of Plastic Parts and Products
	40 CFR 60, Subpart JJJJ, specifically 40 CFR 60.4230(a)(4)(iv)	III.4		Standards of Performance for Stationary Spark Ignition Internal Combustion Engines
	40 CFR 60, Subpart Dc, specifically 40 CFR 60.40c(a)	III.77		Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units
	Section 112(j) Case-by-Case MACT Determination	III.5		Industrial Boilers (AA-112)
	PSD Construction Permit Issued December 11, 2007	III.6	Opacity	Not to exceed 10% at any time
AA-100 <i>(Natural Gas Combustion)</i>	PSD Construction Permit Issued December 11, 2007	III.7	PM/PM10	BACT: Combustion of Natural Gas and Good Combustion Practices
			VOC	
			NOx	
			CO	
		III.8	PM/PM10	11.3 tpy
		III.9	VOC	8.2 tpy
		III.10	NOx	128.5 tpy
		III.11	CO	124.5 tpy
		III.12	SO2	0.9 tpy

Emission Point	Applicable Requirement	Condition Number	Pollutant/Parameter	Limit/Standard
AA-112 (Boilers)	40 CFR 63.9(b)(4)(v)	III.13	HAPs	Initial Notification
	1990 CAA Amendments - Section 112(j)(5)	III.14		Combustion of Natural Gas Only
	PSD Construction Permit Issued December 11, 2007	III.15	NOx	BACT: 0.10 lbs/MMBTU and Low NOx Combustion Techniques
AA-200 (Emergency Support Equipment)	PSD Construction Permit Issued on December 11, 2007	III.16	PM/PM10	BACT: Use of Low Sulfur Fuel Oil (Sulfur content equal to or less than 0.05%)
			VOC	
			NOx	
			CO	
		III.17	PM/PM10	0.004 tpy
		III.18	VOC	0.02 tpy
		III.19	NOx	0.7 tpy
		III.20	CO	0.5 tpy
		III.21	SO2	0.3 tpy
AA-202 (Fire Pumps)	40 CFR 60.4205(c)	III.22	Emission Limitations	Compliance with 40 CFR 60.4202(d)
	40 CFR 60.4205(c) via 60.4202(a)(2)	III.23		Emission Standard Certification
	40 CFR 60.4206	III.24		Lifetime Emission Standard
	40 CFR 60.4207(a), (b), and (c)	III.25		Diesel Fuel Standard
	40 CFR 60.4208(b)	III.26		Installation Deadlines
	40 CFR 60.4217	III.27		Special Fuels/ Optional Standards
AA-201 (Generators)	40 CFR 60.4233(e)	III.28		Table 1 Emission Limitations
AA-300 (Bulk Liquid Storage Tanks)	PSD Construction Permit Issued December 11, 2007	III.30	VOC	Submerged Filled Pipes, Conservation Vents, Fixed Roof Tank Design.
		III.31		2.2 tpy

Emission Point	Applicable Requirement	Condition Number	Pollutant/Parameter	Limit/Standard
AA-303 (Gasoline Tank)	PSD Construction Permit Issued December 11, 2007	III.32		BACT: Use of Good Work Practices to minimize emissions during Gasoline Filling Operations; and Gasoline Tanks equipped with Submerged Fill Pipes and Stage I Vapor Control
AA-400 (Stamping and Welding Shop)	PSD Construction Permit Issued December 11, 2007	III.33	PM/PM10	11.1 tpy
		III.34	VOC	19.4 tpy
AA-401 (Stamping Shop)	PSD Construction Permit Issued December 11, 2007	III.35	VOC	BACT: Use of Low VOC content materials when technically feasible
AA-402 (Welding Shop)	PSD Construction Permit Issued December 11, 2007	III.36	PM/PM10	BACT: Incorporation of Dust Minimization Techniques and Good Operating, Work and Maintenance Practices
AA-500 (Plastic Shop)	PSD Construction Permit Issued December 11, 2007	III.37	PM/PM10	12.9 tpy
		III.38	VOC	605.1 tpy
		III.39		BACT: Use of Waterborne Primers and Topcoat Materials when technically feasible
AA-501 (Interior Parts)	PSD Construction Permit Issued December 11, 2007	III.40	PM/PM10	BACT: Use of Dry Filter or Wet Scrubber System for Spray Application Areas
AA-502 (Exterior Parts)	PSD Construction Permit Issued December 11, 2007	III.41	PM/PM10	BACT: Use of Wet Scrubber or Dry Filter System for Spray Application Areas
AA-501 and AA-502 (Interior and Exterior Parts)	PSD Construction Permit Issued December 11, 2007	III.42	VOC	BACT: 3.2 lbs/gallon combined
AA-503 (Injection Molding)	PSD Construction Permit Issued December 11, 2007	III.43	VOC	BACT: Good Operating/Work Parameters for minimizing Mold Release

Emission Point	Applicable Requirement	Condition Number	Pollutant/Parameter	Limit/Standard
AA-500 (Plastic Shop)	40 CFR 63.4490	III.44	HAPs	Emission Limitations
	40 CFR 63.4491(a) and (b)	III.45	Emission Limit Options	Compliant Material Option
				Emission Rate without Add-On Controls Option
	40 CFR 63.4492	III.46	Operating Limits	Requirements based on Emission Limit Options
	40 CFR 63.4500	III.47	General Requirements	General Compliance Requirements
AA-500 (Plastic Shop)	40 CFR 63.4501	III.48	General Provisions	General Provision Requirements defined in Table 2
	40 CFR 63.4540	III.49	Compliant Material Option	Initial Compliance Demonstration
	40 CFR 63.4541	III.50		Initial Compliance Demonstration with Emission Limitations
	40 CFR 63.4542	III.51		Continuous Compliance Demonstration with Emission Limitations
	40 CFR 63.4550	III.52	Emission Rate without Add-on Controls	Initial Compliance Demonstration
	40 CFR 63.4551	III.53		Initial Compliance Demonstration with Emission Limitations
	40 CFR 63.4552	III.54		Continuous Compliance Demonstration with Emission Limitations
AA-600 (Miscellaneous Metal Coating)	PSD Construction Permit Issued December 11, 2007	III.55	VOC	BACT: Use of Low VOC Content Material when technically feasible and Good Operating/Work Practices
		III.56		81.4 tpy
	40 CFR 63.3890(a)	III.57	HAPs	Emission Limitations
	40 CFR 63.3891	III.58	Emission Limit Options	Compliant Material Option
				Emission Rate without Add-On Controls Option

Emission Point	Applicable Requirement	Condition Number	Pollutant/Parameter	Limit/Standard
AA-600 (Miscellaneous Metal Coating)	40 CFR 63.3892	III.59	Operating Limits	Requirements based on Emission Limit Options
	40 CFR 63.3900	III.60	General Requirements	General Compliance Requirements
	40 CFR 63.3901	III.61	General Provisions	General Provision Requirements defined in Table 2
AA-600 (Miscellaneous Metal Coating)	40 CFR 63.3940	III.62	Compliant Material Option	Initial Compliance Demonstration
	40 CFR 63.3941	III.63		Initial Compliance Demonstration with Emission Limitations
	40 CFR 63.3942	III.64		Continuous Compliance Demonstration with Emission Limitations
	40 CFR 63.3950	III.65	Emission Rate without Add-on Controls	Initial Compliance Demonstration
	40 CFR 63.3951	III.66		Initial Compliance Demonstration with Emission Limitations
	40 CFR 63.3952	III.67		Continuous Compliance Demonstration with Emission Limitations
AA-700 (Miscellaneous Process Cleaning)	PSD Construction Permit Issued December 11, 2007	III.68	VOC	BACT: Good Work Practices to Minimize Purge and Cleanup Solvent Emissions and Installation and Operation of a Purge Solvent Recovery System on Solventborne Systems.
		III.69		267.7 tpy
AA-800 (Adhesive Application)	PSD Construction Permit Issued December 11, 2007	III.70	VOC	0.3 tpy
		III.71		BACT: Use of Low VOC content materials when technically feasible; and Good Operating Practices.

AA-1100 <i>(Miscellaneous Insignificant Support Activities/ Operations)</i>	PSD Construction Permit Issued December 11, 2007	III.72	VOC	2.71 tpy
	APC-S-1, Section 3.4(a)(1)	III.73	PM	0.6 lbs/MMBTU or as otherwise limited by facility modification restrictions
	APC-S-1, Section 3.4(a)(2)	III.74		$E = 0.8808 * T^{-0.1667}$ or as otherwise limited by facility modification restrictions.
	APC-S-1, Section 3.8(a)	III.75	PM	0.2 grains/dscf of flue gas calculated to 12% CO ₂ by volume
	APC-S-1, Section 4.1(a)	III.76	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 IIII – Standards of Performance for Stationary Compression Ignition Internal Combustion Engines. (Ref. 40 CFR 60.4200(a)(2))**
- III.2 For Emission Point AA-000, the permittee is subject to 40 CFR 63, Subpart MMMM – National Emission Standards for Hazardous Air Pollutants from the Surface Coating of Miscellaneous Metal Parts and Products. (Ref. 40 CFR 63.3881(b))**
- III.3 For Emission Point AA-000, the permittee is subject to 40 CFR 63, Subpart PPPP - National Emission Standards for Hazardous Air Pollutants from the Surface Coating of Plastic Parts and Products. (Ref. 40 CFR 63.4481(a))**
- III.4 For Emission Point AA-000, the permittee is subject to 40 CFR 60, Subpart JJJJ- Standards of Performance for Stationary Spark Ignition Internal Combustion Engines. (Ref.: 40 CFR 60.4230(a)(4)(iv))**
- III.5 For Emission Point AA-000, the permittee is subject to 40 CFR 63, National Emission Standards for Hazardous Air Pollutants, Subpart A as required by Section 112(j) of the 1990 Ammendments to the Clean Air Act for the Industrial Boilers located at Emission Point AA-112. (Ref. Case-by Case Maximum Available Control Technology Determination)**
- III.6 For Emission Point AA-000, the permittee shall not cause emissions of Opacity to exceed 10% at any time as determined by EPA Test Method 9, 40 CFR 60, Appendix A. (Ref.: PSD Construction Permit Issued December 11, 2007)**
- III.7 For Emission Point AA-100, the Permittee shall Combust Natural Gas Only and Use Good Combustion Practices for reducing emissions of Particulate Matter/Particulate Matter-10 (PM/PM10), Volatile Organic Compounds (VOC), Nitrogen Oxides (NOx), and Carbon Monoxide (CO). (Ref. PSD Construction Permit Issued December 11, 2007 - BACT for PM/PM10, VOC, NOx, and CO)**
- III.8 For Emission Point AA-100, the permittee shall limit emissions of PM/PM10 to 11.3 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)**
- III.9 For Emission Point AA-100, the permittee shall limit emissions of VOC to 8.2 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)**
- III.10 For Emission Point AA-100, the permittee shall limit emissions of NOx to 128.5 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)**

- III.11 For Emission Point AA-100, the permittee shall limit emissions of CO to 124.5 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)**
- III.12 For Emission Points AA-100, the permittee shall limit emissions of Sulfur Dioxide (SO₂) to 0.9 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)**
- III.13 For Emission Point AA-112, the permittee is subject to 40 CFR 63.9(b)(4) and is required to submit an Initial Notification within 15 calendar days of the actual date of startup. (40 CFR 63.9(b)(4)(v) and Case-by-Case MACT Determination)**
- III.14 For Emission Points AA-112, the permittee shall combust natural gas only.(Ref. 1990 CAA Amendments - Section 112(j)(5))**
- III.15 For Emission Points AA-112, the permittee shall limit 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 December 11, 2007-BACT for NO_x)**
- III.16 For Emission Point AA-200, the Permittee shall Use Low Sulfur Fuel Oil with a Sulfur content less than or equal to 0.050% for reducing emissions of PM/PM₁₀, VOC, NO_x, and CO. (Ref. PSD Construction Permit Issued December 11, 2007 - BACT for PM/PM₁₀, VOC, NO_x, and CO)**
- III.17 For Emission Point AA-200, the permittee shall limit during emissions of PM/PM₁₀ to 0.004 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)**
- III.18 For Emission Point AA-200, the permittee shall limit emissions of VOC to 0.02 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)**
- III.19 For Emission Point AA-200, the permittee shall limit emissions of NO_x to 0.7 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)**
- III.20 For Emission Point AA-200, the permittee shall limit emissions of CO to 0.5 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)**
- III.21 For Emission Point AA-200, the permittee shall limit emissions of SO₂ to 0.3 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)**
- III.22 For Emission Point AA-202, the permittee is subject to 40 CFR 60.4205(c) and shall comply with the Emission Standards identified in Table 4 of 40 CFR 60, Subpart IIII(a). (Ref. 40 CFR 60.4205(c))**

III.23 For Emission Point AA-202, the permittee shall comply with the emission standards in Table 4 to Subpart III of Part 60 for all applicable air pollutants.

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

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

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

- (a) Beginning June 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 June 1, 2010, if the permittee uses diesel fuel, then the permittee shall use diesel fuel that meets the requirements of 40 CFR 80.510(b) for nonroad diesel fuel.
- (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 4207(a) thru (c))

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

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

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

Emission standards ^a					
g/HP-hr			ppmvd at 15% O ₂		
NO _x	CO	VOC ^d	NO _x	CO	VOC ^b
2.0	4.0	1.0	160	540	86

^aOwners and operators of stationary non-certified SI engines may choose to comply with the emission standards in units of either g/HP-hr or ppmvd at 15 percent O₂.

^bFor purposes of this subpart, when calculating emissions of volatile organic compounds, emissions of formaldehyde should not be included.

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

III.30 For Emission Point AA-300, the permittee shall either Install Submerged Filled Pipes, Conservation Vents, or Fixed Rood Above Ground Tanks with Pressure Relief Valves, for minimizing emissions of VOC. (PSD Construction Permit Issued December 11, 2007)

III.31 For Emission Point AA-300, the permittee shall limit emissions of VOC to 2.2 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)

III.32 For Emission Point AA-303, the permittee shall utilize Stage I Vapor Control for Gasoline Tank Truck Unloading for minimizing emissions of VOC. (PSD Construction Permit Issued on December 11, 2007 - BACT for VOC)

III.33 For Emission Point AA-400, the permittee shall limit emissions of PM/PM₁₀ to 11.1 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)

III.34 For Emission Point AA-400, the permittee shall limit emissions of VOC to 19.4 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)

III.35 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. 34 of the Federally

Enforceable Permit Herein. (Ref. PSD Construction Permit Issued December 11, 2007 - BACT VOC)

- III.36 For Emission Point AA-402, the permittee shall incorporate Dry Filtration or Dust Minimization Techniques and Good Operating/Work and Maintenance Practices for minimizing PM/PM10 Emissions. (PSD Construction Permit Issued December 11, 2007 - BACT PM/PM10)**
- III.37 For Emission Point AA-500, the permittee shall limit emissions of PM/PM10 to 12.9 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)**
- III.38 For Emission Point AA-500, the permittee shall limit emissions of VOC to 605.1tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)**
- III.39 For Emission Point AA-501, the permittee shall use Waterborne Primers and Topcoat Material for minimizing VOC materials when technically feasible. The permittee may use alternative VOC Content Materials that are technically feasible; however, this does not exempt the permittee from complying with Conditions III. 38 and 42 of the Federally Enforceable Permit Herein. (Ref. PSD Construction Permit Issued December 11, 2007 - BACT for VOC)**
- III.40 For Emission Points AA-501, the permittee shall utilize a Dry Filter or Wet Scrubber System for the Spray Application Areas for minimizing PM/PM10 emissions. (Ref. PSD Construction Permit Issued December 11, 2007)**
- III.41 For Emission Points AA-502, the permittee shall utilize a Wet Scrubber or Dry Filter System for the Spray Application Areas for minimizing PM/PM10 emissions. (Ref. PSD Construction Permit Issued December 11, 2007)**
- III.42 For Emission Points AA-501, the permittee shall limit emissions of VOC to 3.2 pounds per gallon for minimizing VOC emissions. (Ref. PSD Construction Permit Issued December 11, 2007)**
- III.43 For Emission Points AA-503, the permittee shall utilize Good Operating/Work Parameters for minimizing Mold Release. (Ref. PSD Construction Permit Issued December 11, 2007 - BACT for VOC)**
- III.44 For Emission Point AA-500, the permittee shall comply with the Emission Limitations as described by 40 CFR 63.4490. (Ref. 40 CFR 63.4490)**
- III.45 For Emission Point AA-500, the permittee shall comply with the Compliant Material Option or the Emission Rate without Add-On Controls Option of the Emission Limit Options of 40 CFR 63.63.4491(a) and (b)). (Ref. 40 CFR 63.4491(a) and (b))**

- III.46** For Emission Point AA-500, the permittee is subject to the Requirements based on the Emission Limit Options of the Operating Limits as described by 40 CFR 63.4492. (Ref. 40 CFR 63.4492)
- III.47** For Emission Point AA-500, the permittee is subject to the General Compliance Requirements of the General Requirements as described by 40 CFR 63.4500. (Ref. 40 CFR 63.4500)
- III.48** For Emission Point AA-500, the permittee shall comply with the General Provisions as defined in Table 2 of 40 CFR 63, Subpart PPPP. (Ref. 40 CFR 63.4501)
- III.49** For Emission Point AA-500, the permittee shall comply with the Initial Compliance Demonstration for demonstrating compliance with the Compliant Material Option. (40 CFR 63.4540)
- III.50** For Emission Point AA-500, the permittee shall comply with the Initial Compliance Demonstration with Emission Limitations for demonstrating compliance with the Compliant Material Option. (Ref. 40 CFR 63.4541)
- III.51** For Emission Point AA-500, the permittee shall comply with the Continuous Compliance Demonstration with Emission Limitations for demonstrating compliance with the Compliant Material Option. (Ref. 40 CFR 63.4542)
- III.52** For Emission Point AA-500, the permittee shall comply with the Initial Compliance Demonstration for demonstrating compliance with the Emission Rate without Add-on Controls Option. (Ref. 40 CFR 63.4550)
- III.53** For Emission Point AA-500, the permittee shall comply with the Initial Initial Compliance Demonstration with Emission Limitations for demonstrating compliance with the Emission Rate without Add-on Controls Option. (Ref. 40 CFR 63.4551)
- III.54** For Emission Point AA-500, the permittee shall comply with the Continuous Compliance Demonstration with Emission Limitations for demonstrating compliance with the Emission Rate without Add-on Controls Option. (Ref. 40 CFR 63.4552)
- III.55** For Emission Point AA-600, the permittee shall use Low VOC Content Material and utilize Good Operating/Work Practices for minimizing VOC Emissions when technically feasible. The permittee may use alternative VOC Content Materials that are technically feasible; however, this does not exempt the permittee from complying with Condition III. 56 of the Federally Enforceable Permit Herein. (Ref. PSD Construction Permit Issued December 11, 2007 - BACT for VOC)

- III.56** For Emission Point AA-600, the permittee shall limit emissions of VOC to 81.4 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)
- III.57** For Emission Point AA-600, the permittee shall comply with the Emission Limitations as described by 40 CFR 63.3890(a). (Ref. 40 CFR 63.3890(a))
- III.58** For Emission Point AA-600, the permittee shall comply with the Compliant Material Option or the Emission Rate without Add-On Controls Option of the Emission Limit Options of 40 CFR 63.3891. (Ref. 40 CFR 63.3891)
- III.59** For Emission Point AA-600, the permittee is subject to the Requirements based on the Emission Limit Options of the Operating Limits as described by 40 CFR 63.3892. (Ref. 40 CFR 63.3892)
- III.60** For Emission Point AA-600, the permittee is subject to the General Compliance Requirements of the General Requirements as described by 40 CFR 63.3900. (Ref. 40 CFR 63.3900)
- III.61** For Emission Point AA-600, the permittee shall comply with the General Provisions as defined in Table 2 of 40 CFR 63, Subpart M. (Ref. 40 CFR 63.3901)
- III.62** For Emission Point AA-600, the permittee shall comply with the Initial Compliance Demonstration for demonstrating compliance with the Compliant Material Option. (40 CFR 63.3940)
- III.63** For Emission Point AA-600, the permittee shall comply with the Initial Compliance Demonstration with Emission Limitations for demonstrating compliance with the Compliant Material Option. (Ref. 40 CFR 63.3941)
- III.64** For Emission Point AA-600, the permittee shall comply with the Continuous Compliance Demonstration with Emission Limitations for demonstrating compliance with the Compliant Material Option. (Ref. 40 CFR 63.3942)
- III.65** For Emission Point AA-600, the permittee shall comply with the Initial Compliance Demonstration for demonstrating compliance with the Emission Rate without Add-on Controls Option. (Ref. 40 CFR 63.3950)
- III.66** For Emission Point AA-600, the permittee shall comply with the Initial Initial Compliance Demonstration with Emission Limitations for demonstrating compliance with the Emission Rate without Add-on Controls Option. (Ref. 40 CFR 63.3951)
- III.67** For Emission Point AA-600, the permittee shall comply with the Continuous Compliance Demonstration with Emission Limitations for demonstrating

compliance with the Emission Rate without Add-on Controls Option. (Ref. 40 CFR 63.3952)

- III.68** For Emission Point AA-700, the permittee shall Install and Operate a Purge Solvent Recovery System on Solventborne Systems and utilize Good Work Practices to minimize Purge and Cleanup Solvent Emissions and. (Ref. PSD Construction Permit Issued December 11, 2007 - BACT for VOC)
- III.69** For Emission Points AA-700, the permittee shall limit emissions of VOC to 267.7 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)
- III.70** For Emission Points AA-800, the permittee shall limit emissions of VOC to 0.3 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)
- III.71** For Emission Point AA-800, the permittee shall use Low VOC Content Material and utilize Good Operating/Work Practices for minimizing VOC Emissions when technically feasible. The permittee may use alternative VOC Content Materials that are technically feasible; however, this does not exempt the permittee from complying with Condition III. 69 of the Federally Enforceable Permit Herein. (Ref. PSD Construction Permit Issued December 11, 2007 - BACT for VOC)
- III.72** For Emission Points AA-1100, the permittee shall limit emissions of VOC to 2.71 tons per year as determined for each consecutive 12-month period. (Ref. PSD Construction Permit Issued December 11, 2007)
- III.73** For Emission Point AA-1100, 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.74** For Emission Point AA-1100, the maximum permissible emission of ash and/or particulate matter from fossil fuel burning installations equal to or greater than 10 million BTU per hour heat input but less than 10,000 million BTU per hour heat input shall not exceed an emission rate as determined by the relationship
- $$E = 0.8808 * I^{0.1667}$$
- where E is the emission rate in pounds per million BTU per hour heat input and I is the heat input in millions of BTU per hour. (Ref.: APC-S-1, Section 3.4(a)(2))
- III.75** For Emission Point AA-1100, 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.76** For Emission Point AA-1100, the permittee shall not cause the maximum discharge of sulfur oxides from any fuel burning installations in which the fuel is burned primarily to produce heat or power by indirect heat transfer to exceed 4.8 pounds (measured as sulfur dioxide) per million BTU heat input.
(Ref.: APC-S-1, Section 4.1(a))
- III.77** For Emission Point AA-000, the permittee is subject to 40 CFR 60, Subpart Dc - Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units. (Ref.: 40 CFR 60.40c(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 December 11, 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 December 11, 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	
	BACT VOC			
	BACT NOx			
	BACT CO			
AA-112 <i>(Boilers)</i>	HAPs	Monitoring and Monthly Recordkeeping Certifying that only Natural Gas was combusted	IV.10	40 CFR 63.8 and 40 CFR 63.10(b)(1) via Case-by- Case MACT
AA-202 <i>(Fire Pumps)</i>	Monitoring	Monitoring Requirements	IV.11	40 CFR 60.4209
AA-202 <i>(Fire Pumps)</i>	Compliance	Monitoring for Demonstrating Compliance Requirements	IV.12	40 CFR 60.4211(a), (b)(1), (c), and (e)
AA-201 <i>(Emergency Generators)</i>			IV.19	40 CFR 60.4243(b)(2)(i)

Emission Point	Pollutant/ Parameter Monitored	Monitoring/Recordkeeping Requirement	Condition Number	Applicable Requirement
AA-200 (Emergency Support Equipment)	BACT PM/PM10	Monitoring and Monthly Recordkeeping of PM/PM10 Emissions	IV.4	PSD Construction Permit Issued December 11, 2007
	BACT VOC	Monitoring and Monthly Recordkeeping of VOC Emissions	IV.5	
	BACT NOx	Monitoring and Monthly Recordkeeping of NOx Emissions	IV.6	
	CO	Monitoring and Monthly Recordkeeping of CO Emissions	IV.7	
	BACT SO2	Monitoring and Monthly Recordkeeping of SO2 Emissions	IV.8	
AA-300 (Bulk Liquid Storage Tanks)	VOC BACT	Monitoring and Monthly Recordkeeping of Certification of Vapor Control Usage and Good Operating/Work Practices	IV.13	PSD Construction Permit Issued December 11, 2007
	Stage I Vapor Control (Gasoline Tank Only)			
	VOC	Monitoring and Monthly Recordkeeping of VOC Emissions	IV.5	
AA-400 (Stamping Plant and Welding Shop)	PM/PM10	Monitoring and Monthly Recordkeeping of PM/PM10 Emissions	IV.4	PSD Construction Permit Issued December 11, 2007
	VOC	Monitoring and Monthly Recordkeeping of VOC Emissions	IV.5	
AA-401 (Stamping Plant)	BACT VOC	Monitoring and Monthly Recordkeeping Certification of Low VOC Content Materials	IV.14	PSD Construction Permit Issued December 11, 2007
AA-402 (Welding Shop)	PM/PM10 BACT	Monitoring and Monthly Recordkeeping of Certification of Baghouse/Dry Filter Maintenance and Good Operating/Work Practices	IV.15	PSD Construction Permit Issued December 11, 2007
AA-500 (Plastic Shop)	BACT VOC	Monitoring and Monthly Recordkeeping Certification of Low VOC Content Materials	IV.14	PSD Construction Permit Issued December 11, 2007
	VOC	Monitoring and Monthly Recordkeeping of VOC Emissions	IV.5	
AA-500 (Plastic Shop)	PM/PM10	Monitoring and Monthly Recordkeeping of PM/PM10 Emissions	IV.4	PSD Construction Permit Issued December 11, 2007

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

- 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 December 11, 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 December 11, 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 December 11, 2007)
- IV.4** For Emission Point AA-100, AA-200, AA-400, AA-500, 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: $\text{PM Emissions (lbs/hr)} = \text{Paint Usage (gal/hr)} \times \text{Paint Density (lbs/gal)} \times \text{Solids Content (weight fraction)} \times (1 - \text{Transfer Efficiency in percent}/100) \times (1 - \text{Control Efficiency in percent}/100)$
 - (b) The permittee shall also calculate the PM emissions from the use of one or more of these methods each month and compare the emissions to those allowed 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)

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 December 11, 2007)

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

- (a) Quantity used (gal or lbs)**
- (b) The percentage of VOC's and HAP's by weight**
- (c) The density (lbs/gal), unless material usages are measured in lbs**
- (e) The permittee shall calculate the VOC and HAP emissions from the use of these materials each month and compare the VOC emissions to those allowed under 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 December 11, 2007)

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

- (a) The permittee may utilize data supplied by the manufacturer, an approved EPA Test Method, or an approved EPA AP-42 Emission Factor for analysis of emissions and;**

- (b) The permittee shall calculate the 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 December 11, 2007)

- IV.7** For Emission Point AA-100 and AA-200, the permittee shall determine the CO Emission Rate by utilizing data obtained from either Stack/Performance Testing, Natural Gas Usage Records, or any other data necessary to determine the Emission Rate as determined for each consecutive 12-month period.

If the permittee is able to demonstrate compliance with 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 December 11, 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 December 11, 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 December 11, 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 December 11, 2007)

- IV.10 For Emission Point AA-112, the permittee shall monitor and maintain sufficient monthly records Certifying that only Natural Gas was combusted. (40 CFR 63.8 and 63.10(b)(1) via Case-by-Case MACT)**
- IV.11 For Emission Point AA-202, the permittee shall install a non-resettable hour meter prior to startup of the engine. In addition, the permittee shall also meet the monitoring requirements specified in 40 CFR 60.4211. (Ref. 40 CFR 60.4209(a))**
- IV.12 For Emission Point AA-202, the permittee shall comply with the following for demonstrating compliance with 40 CFR 60, Subpart III:**
- (a) The permittee shall operate and maintain the stationary CI internal combustion engine and control device according to the manufacturer's written instructions or procedures developed by the permittee that are approved by the engine manufacturer. In addition, the permittee may only change those settings that are permitted by the manufacturer. The permittee shall also meet the requirements of 40 CFR parts 89, 94 and/or 1068, as they apply.**
 - (b) The permittee shall purchase an engine certified to the emission standards in 40 CFR 60.4205(b) or (c), as applicable, for the same model year and maximum (or in the case of fire pumps, NFPA nameplate) engine power. The engine 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.13 For Emission Point AA-300, the permittee shall maintain sufficient monthly records to document the usage of a Stage I Vapor Control and Good Operating/Work Practices for demonstrating compliance with Section III of the permit herein. (PSD Construction Permit Issued December 11, 2007)**

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

"Based upon my inquiry of the person or persons directly responsible for managing compliance with the permit limitations described in Section III of the PSD Construct Permit Issued on *** for Emission Points AA-401a, AA-401b, AA-500, AA-600, and AA-800, I certify that, to the best of my knowledge and belief, Good Work Practices have been utilized for the usage Low VOC Content Material and/or Low VOC Rust Preventative Oil was utilized when technically feasible for minimizing VOC Emissions. I further certify that this facility is maintaining sufficient records to demonstrate this upon a site inspection visit or request by any DEQ personnel."**

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

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

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

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

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

(a) Quantity used (gal or lbs)

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

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

IV.17 For Emission Point AA-503, the permittee shall perform and maintain sufficient monthly records to document that Good Operating/Work Practices for minimizing Mold Release. These records shall be in the form of the following Good Work Practice Certification Statement which may be developed by the Facility and certified by the Responsible Official in the semi-annual report submittals:

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

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

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

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

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

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

PART V
EMISSION POINT SPECIFIC RECORDKEEPING AND/OR REPORTING

Emission Point	Pollutant/Parameter Monitored	Recordkeeping/Reporting Requirement	Condition Number	Applicable Requirement
AA-000 (Plantwide)	Opacity	Semi-Annual Reports providing exceedances of weekly VEMs.	V.1	PSD Construction Permit Issued December 11, 2007
AA-100 (Natural Gas Fired Combustion)	PM/PM10	Semi-Annual Reports providing the Emission Rate	V.2	PSD Construction Permit Issued December 11, 2007
	VOC		V.3	
	NOx		V.4	
	CO		V.5	
	SO2		V.6	
	PM/PM10 BACT	Semi-Annual Reports providing the Fuel Quality and Quantity	V.7	
	VOC BACT			
	NOx BACT			
	CO BACT			
AA-112 (Boilers)	HAPs	Semi-Annual Reports providing Certification that only Natural Gas was combusted.	V.8	40 CFR 63.10(d)(1) via Case-by-Case MACT
	NSPS	Recordkeeping and Reporting Requirements	V,21	40 CFR 60.48c(a)(1), (g)(2), (i), and (j)
AA-202 (Fire Pumps)	Initial and Continuous	Notification, Recordkeeping, and Reporting Requirements	V.9	40 CFR 60.4214(b) and (c)
AA-201 (Generators)			V.10	40 CFR 60.4245
AA-200 (Emergency Support Equipment)	PM/PM10 BACT	Semi-Annual Reports providing the Emission Rate	V.2	PSD Construction Permit Issued December 11, 2007
	VOC BACT		V.3	
	NOx BACT		V.4	
	CO		V.5	
	SO ₂ BACT		V.6	
AA-300 (Bulk Liquid Storage Tanks)	Records	Accessibility of Records	V.11	PSD Construction
	VOC	Semi-Annual Reports providing the Emission Rate	V.3	Permit Issued December 11, 2007

Emission Point	Pollutant/Parameter Monitored	Recordkeeping/Reporting Requirement	Condition Number	Applicable Requirement
AA-400 (Stamping and Welding Shops)	PM/PM10	Semi-Annual Reports providing the Emission Rate	V.2	PSD Construction Permit Issued December 11, 2007
	VOC	Semi-Annual Reports providing the Emission Rate	V.3	
AA-500 (Plastic Shop)	VOC	Semi-Annual Reports providing the Emission Rate	V.3	PSD Construction Permit Issued December 11, 2007
	PM/PM10	Semi-Annual Reports providing the Emission Rate	V.2	
	Notification	Reporting Requirements	V.12	40 CFR 63.4510
	Semi-Annual Performance Testing		V.13	40 CFR 63.4520
	Records	Recordkeeping Requirements	V.14	40 CFR 63.4530
		Form and Duration	V.15	40 CFR 63.4531
AA-501 (Interior Parts) and AA-502 (Exterior Parts)	VOC	Semi-Annual Reports providing the Emission Rate	V.3	PSD Construction Permit Issued December 11, 2007
	VOC BACT	Semi-Annual Reports providing the VOC Quality and Quantity	V.16	
AA-503 (Injection and Slush Molding)	VOC	Semi-Annual Reports providing the Emission Rate	V.3	PSD Construction Permit Issued December 11, 2007
AA-600 (Miscellaneous Metal Coating)	VOC	Semi-Annual Reports providing the Emission Rate	V.3	PSD Construction Permit Issued December 11, 2007
	Notification	Reporting Requirements	V.17	40 CFR 63.3910
	Semi-Annual Performance Testing		V.18	40 CFR 63.3920
	Records	Recordkeeping Requirements	V.19	40 CFR 63.3930
		Form and Duration	V.20	40 CFR 63.3931
AA-700 (Miscellaneous Process Cleaning)	VOC	Semi-Annual Reports providing the Emission Rate	V.3	PSD Construction Permit Issued December 11, 2007
AA-800 (Adhesive Operation)	VOC	Semi-Annual Reports providing the Emission Rate	V.3	PSD Construction Permit Issued December 11, 2007

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

- V.1** For Emission Point AA-000, the permittee shall submit semi-annual reports providing exceedances of weekly Visual Emission Evaluations. The report shall be submitted no later than 30 days from the semi-annual periods ending June 30 and December 31. (Ref.: PSD Construction Permit Issued December 11, 2007)
- V.2** For Emission Point AA-100, AA-200, AA-400, and AA-500, the permittee shall submit semi-annual reports providing the ParticulateMatter/Particulate Matter-10 (PM/PM10) Emission Rates in accordance with the requirements of Section IV for demonstrating compliance with the emissions limitations of 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-400, AA-500, AA-501, AA-502, AA-503, AA-600, AA-700, AA-800, and AA-1100, the permittee shall submit semi-annual reports providing the Volatile Organic Compound (VOC) emission rates in accordance with the requirements of Section IV for demonstrating compliance with the emissions limitations of 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 December 11, 2007)
- V.4** For Emission Point AA-100 and AA-200, the permittee shall submit semi-annual reports providing the Nitrogen Oxide (NOx) emission rates in accordance with the requirements of Section IV for demonstrating compliance with the emissions limitations of 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 December 11, 2007)
- V.5** For Emission Point AA-100 and AA-200, the permittee shall submit semi-annual reports providing the Carbon Monoxide (CO) emission rates in accordance with the requirements of Section IV for demonstrating compliance with the emissions limitations of 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 December 11, 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 the requirements of Section IV for demonstrating compliance with the emissions limitations of 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 December 11, 2007)
- V.7** For Emission Point AA-100, 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 December 11, 2007)

- V.8** For Emission Point AA-112, the permittee shall submit semi-annual reports certifying that only Natural Gas was combusted. (Ref. 40 CFR 63.10(d)(1) via Case-by-Case MACT)
- V.9** For Emission Point AA-202, the permittee is not required to submit an initial notification for compliance with 40 CFR 60, Subpart IIII. If the stationary CI internal combustion engine is equipped with a diesel particulate filter, the permittee shall keep records of any corrective action taken after the backpressure monitor has notified the permittee that the high backpressure limit of the engine is approached. (Ref. 40 CFR 60.4214(b) and (c))
- V.10** For Emission Point AA-201, the permittee shall comply with the following notification, recordkeeping and reporting requirements:
- (a) The permittee shall maintain records of the information in paragraphs (a)(1) through (3).
 - (1) All notifications submitted to comply with this 40 CFR 60, Subpart JJJJ and all documentation supporting any notification.
 - (2) Maintenance conducted on the engine.
 - (3) Documentation that the engine meets the emission standards.
 - (d) The permittee shall submit a copy of the initial performance test as conducted in 40 CFR 60.4244 within 60 days after the test has been completed.
- (Ref.: 40 CFR 60.4245(a)(1), (a)(2), and (a)(4) and (d))
- V.11** For Emission Point AA-300, the permittee shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel as well as any additional controls installed by the permittee. (Ref.: PSD Construction Permit Issued December 11, 2007)
- V.12** For Emission Points AA-500, the permittee shall comply with the Notification Reporting Requirements as described by 40 CFR 63.4510. (Ref. 40 CFR 63.4510)
- V.13** For Emission Points AA-500, the permittee shall comply with the Semi-Annual Reporting Requirements and Performance Testing Reporting Requirements as described by 40 CFR 63.4520. (Ref. 40 CFR 63.4520)

- V.14 For Emission Points AA-500, the permittee shall comply with the Recordkeeping Requirements as described by 40 CFR 63.4530. (Ref. 40 CFR 63.4530)**
- V.15 For Emission Points AA-500, the permittee shall comply with the Recordkeeping Requirements for Form and Duration as described by 40 CFR 63.4531. (Ref. 40 CFR 63.4531)**
- V.16 For Emission Point AA-501 and AA-502, the permittee shall submit semi-annual reports providing the following in accordance with Section IV of the permit herein.**
- (a) Quantity of VOC(s) used (gal or lbs)**
 - (b) The percentage of VOC's by weight**
 - (c) The density (lbs/gal), unless material usages are measured in lbs**
 - (d) The permittee may utilize data supplied by the manufacturer, or analysis of VOC and HAP content by EPA Test Method 24 and/or EPA Test Method 311 40 CFR 60, Appendix A.**

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

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

- V.17 For Emission Points AA-600, the permittee shall comply with the Notification Reporting Requirements as described by 40 CFR 63.3910. (Ref. 40 CFR 63.3910)**
- V.18 For Emission Points AA-600, the permittee shall comply with the Semi-Annual Reporting Requirements and Performance Testing Reporting Requirements as described by 40 CFR 63.3920. (Ref. 40 CFR 63.3920)**
- V.19 For Emission Points AA-600, the permittee shall comply with the Recordkeeping Requirements as described by 40 CFR 63.3930. (Ref. 40 CFR 63.3930)**
- V.20 For Emission Points AA-600, the permittee shall comply with the Recordkeeping Requirements for Form and Duration as described by 40 CFR 63.3931. (Ref. 40 CFR 63.3931)**
- V.21 For Emission Point AA-112, the permittee shall comply with the following recordkeeping and reporting requirements:**
- (a) the permittee shall submit notification of the date of construction or reconstruction and actual startup. This notification shall also include the identification of fuel to be combusted.**

- (b) the permittee shall record and maintain records of the amount of each fuel combusted during each calendar month.**
- (c) all records required under this section shall be maintained by the permittee for a period of two years following the date of such record.**
- (d) the reporting period for the reports required under this subpart is each six-month period. All reports shall be submitted to the DEQ and shall be postmarked by the 30th day following the end of the reporting period.**

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

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