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  | To: Dave Salman/RTP/USEPA/US@EPA
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  | Subject: 112g Permit
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Dave,

Per our agreement through Auto Alliance, attached is an electronic copy
of
the the permit, with 112g limits, that was issued by the State of
Mississippi for our Canton plant. Let me know if you need further
information or clarification.

Gary

<<construction permit.doc>>

Gary L. Ewing,
Senior Environmental Engineer
Phone: (615) 459-1633
Fax: (615) 355-2303
gary.ewing@nmm.nissan-usa.com

(See attached file: construction permit.doc)

STATE OF MISSISSIPPI
AIR POLLUTION CONTROL PERMIT
AND PREVENTION OF SIGNIFICANT DETERIORATION AUTHORITY TO CONSTRUCT AIR EMISSIONS EQUIPMENT THIS CERTIFIES THAT

Nissan North America, Inc.
Ragsdale Road
Canton, Mississippi

has been granted permission to construct air emissions equipment to comply with 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.

Issued: April 2, 2001

Permit Modified: March 7, 2002

MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD

_____

AUTHORIZED SIGNATURE
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Permit No. 1720-00073

PART I
GENERAL CONDITIONS

1. **Any activities not identified in the application are not authorized by this permit.**

2. **All air pollution control facilities shall be designed and constructed such as to allow proper operation and maintenance of the facilities.**

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.**

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.**

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.**

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.**

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.**

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.**

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.**

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.**

11. **This permit may only be transferred upon approval of the Mississippi Environmental Quality Permit Board.**

12. **This permit is for air pollution control purposes only.**

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.**

14. **Upon the completion of construction or installation of an approved stationary source, the applicant shall notify the Permit Board that construction or installation was performed in accordance with the approved plans and specifications on file with permit board.**

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-000, the automobile and light duty truck manufacturing facility.

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-001, System 1 - Stamping Plant.

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT has been determined to be the use of standard, rust-preventive lubricants and cleaning oils and good work practices.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-002, System 1 - Body Shop, Main Line MIG Welding with an electrostatic precipitator. (Reference No. B1-01)

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT has been determined to be the use of an electrostatic precipitator to control particulate matter with a minimum design efficiency of 99% and good maintenance practices.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-003, System 1 - Body Shop- Metal Finish Line with an electrostatic precipitator. (Reference No. B1-02).

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT has been determined to be the use of an electrostatic precipitator to control particulate matter with a minimum design efficiency of 99% and good maintenance practices.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-004, System 1, Paint Plant - Pretreatment Line (Reference No. S1-01).

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT) and 112(g) Case-by-Case Maximum Achievable Control Technology (MACT).

The air emissions equipment shall be constructed to comply with the emission limitations below and the monitoring and recordkeeping requirements as specified in Part III.

BACT:
Volatile Organic Compounds (VOC): 7. 3 tons/year in any consecutive 12-month period.

Hazardous Air Pollutants (HAP): See Emission Point AC-005

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-005, System 1, Paint Plant - E-Coat Line (Reference No. S1-02). The E-Coat Oven emissions are being routed through a Regenerative Thermal Oxidizer (RTO) (Emission Point AA-021) for control of VOC and HAP emissions. The E-Coat line is subject to the New Source Performance Standards (NSPS), 40 CFR 60, Subpart MM.

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT) and 112(g) Case-by-Case Maximum Achievable Control Technology (MACT). For this emission point, BACT has been determined to be the use of waterborne coating with the oven exhaust routed through an RTO with a minimum destruction efficiency of 95% and MACT has been determined to be use of a waterborne coating with the oven exhaust routed through an RTO.

The air emissions equipment shall be constructed to comply with the emission limitations below and the monitoring and recordkeeping requirements as specified in Part III.

NSPS Limit:

Volatile Organic Compounds (VOC):	**0.17 kilograms of VOC per liter of applied coating solids (kg/L ACS) or 1.34 pounds of VOC per gallon of applied coating solids (lbs/G ACS)**

BACT:
Volatile Organic Compounds (VOC): 0.13 lb/GACS.

112(g) Case-by-Case MACT:
Hazardous Air Pollutants (HAP): 0.13 lbHAP/GACS

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-007, System 1, Paint Plant - Stoneguard Coating Booth (Reference No. S1-04) with the oven emissions routed through the Regenerative Thermal Oxidizer (Emission Point AA-021).

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT) and 112(g) Case-by-Case Maximum Achievable Control Technology (MACT). For this emission point, BACT has been determined to be the use of low VOC-containing materials for the Stoneguard coating and the use of dry filters with a 99% efficiency to control particulate matter.

The air emissions equipment shall be constructed to comply with the emission limitations below and the monitoring and recordkeeping requirements as specified in Part III.

BACT:

Volatile Organic Compounds:	**3 lb/gallon based on a monthly average.**
Particulate Matter:	**0.66 tons/year based on a 12 month rolling total.**

112(g) Case-by-Case MACT:
Hazardous Air Pollutants(HAP): See Emission Point AC-005

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-008, System 1, Paint Plant - E-Coat Sand Booth. (Reference No. S1-05)

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT has been determined to be the use of dry filters with a 99% efficiency to control particulate matter.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-009, System 1, Paint Plant - On-line Metal Booth.(Reference No. S1-06).

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT has been determined to be the use of dry filters with a 99% efficiency to control particulate matter.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-010, System 1, Paint Plant - Primer Coating Line (Reference No. S1-07) with the oven emissions routed through the Regenerative Thermal Oxidizer (RTO) (Emission Point AA-021).
The Primer Coating Line is subject to the New Source Performance Standards (NSPS), 40 CFR 60, Subpart MM.

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT) and 112(g) Case-by-Case Maximum Achievable Control Technology (MACT). For this emission point, BACT has been determined to be the use of waterborne coating with the oven exhaust routed through an RTO with a minimum destruction efficiency of 95% for VOC and MACT for HAPS has been determined to be use of a waterborne coating with the oven exhaust routed through an RTO. BACT for PM has been determined to be use of wet scrubbers in the form of downdraft waterwash system for control of particulate emissions from the high volume continuous coating lines.

The air emissions equipment shall be constructed to comply with the emission limitations below and the monitoring and recordkeeping requirements as specified in Part III.

NSPS Limit:

Volatile Organic Compounds:	**1.40 kilograms of VOC per liter of applied coating solids (kg/L ACS) or 11.68 lbs/GACS.**
Particulate Matter:	**2.40 tons/year based on a 12 month rolling total.**

BACT:
Volatile Organic Compounds: 4.10lb/GACS.

112 (g) Case-by-Case MACT:

Hazardous Air Pollutants (HAP) :	**Combined weighted average limit with Emission Point AA-013 of 0.9 lbHAP/GACS.**

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-011, System 1, Paint Plant - Primer Sand Booth (Reference No. S1-08).

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT has been determined to be the use of dry filters with a 99% efficiency to control particulate matter.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-012, System 1, Paint Plant - Major Metal Repair Booth (Reference S1-09).

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT has been determined to be the use of dry filters with a 99% efficiency to control particulate matter.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-013, System 1, Paint Plant -Topcoat Lines #1 and #2 (Reference No. S1-10). The Topcoat consists of a waterborne basecoat and a solventborne clearcoat. The emissions from the Topcoat ovens will be routed through a Regenerative Thermal Oxidizer (Emission Point AA-021). Emissions from the automatic zones on the clearcoat will be routed through a combined carbon adsorption/combustion system (Emission Point AA-022).

The Top Coat lines are subject to the New Source Performance Standards (NSPS), 40 CFR 60, Subpart MM.

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT) and 112(g) Case-by-Case Maximum Achievable Control Technology (MACT). For this emission point, BACT for VOC and MACT for HAPs have been determined to be the use of waterborne basecoat and solventborne clearcoat with the clearcoat booth automatic zones having a combined carbon adsorption/combustion system and the topcoat oven exhaust routed through an RTO with a minimum destruction efficiency of 95% . BACT for PM has been determined to be use of wet scrubbers in the form of downdraft waterwash system for control of particulate emissions from the high volume continuous coating lines.

The air emissions equipment shall be constructed to comply with the emission limitations below and the monitoring and recordkeeping requirements as specified in Part III.

NSPS Limit:

Volatile Organic Compounds:	**1.47 kilograms of VOC per liter of applied coating solids (kg/L ACS) or 12.27 lbs/GACS.**
Particulate Matter:	**5.27 tons/year based on a 12 month rolling total.**

BACT:
Volatile Organic Compounds: 5.2 lb/GACS.

112(g) Case-by-Case MACT:

Hazardous Air Pollutants (HAP) :	**Combined weighted average limit with Emission Point AA-010 of 0.9 lbHAP/GACS.**

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-014, System 1, Paint Plant - Touch Up Booth (Reference No. S1-11).

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT has been determined to be the use of dry filters with a 99% efficiency to control particulate matter.

112(g) Case-by-Case MACT:
Hazardous Air Pollutants (HAP): See Emission Point AC-005

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-015, System 1, Paint Plant - On-line Spot Booth (Reference No. S1-12).

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT has been determined to be the use of dry filters with a 99% efficiency to control particulate matter.

112(g) Case-by-Case MACT:
Hazardous Air Pollutants (HAP): See Emission Point AC-005

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-016, System 1, Paint Plant - Tutone Mask Booth (Reference No. S1-13).

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT has been determined to be the use of dry filters with a 99% efficiency to control particulate matter.

112(g) Case-by-Case MACT:
Hazardous Air Pollutants (HAP): See Emission Point AC-005

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-017, System 1, Paint Plant - Tutone Sand Booth. (Reference Number S1-14)

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT has been determined to be the use of dry filters with a 99% efficiency to control particulate matter.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-018, System 1, Paint Plant - Undercoat Booth (Reference Number S1-15).

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT for VOC is use of waterborne coatings and the use of dry filters with a 99% efficiency to control particulate matter.

BACT:
Volatile Organic Compounds: 1.5 lb/gallon with water and exempt solvents. (monthly average)

112(g) Case-by-Case MACT:
Hazardous Air Pollutants (HAP): See Emission Point AC-005

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-019, 35 MMBTUH natural gas fired Hot Water Generating Unit #1 (Reference No. S1-16).
This unit is subject to the New Source Performance Standards, 40 CFR 60, Subpart Dc.

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT and MACT have been determined to be the use of natural gas as fuel.

NSPS Requirements:
The permittee shall submit all notifications as specified in 60.48c(a) and 60.7.
The permittee shall record and maintain the amount of fuel combusted each day as specified in 60.48c(g).
All records shall be maintained for a period of two(2) years as specified in 60.48c(i).

BACT:
Use of Low NOx Burners with the NOx emission rate of 0.1 lb/MMBTU, not to exceed 3.5 lb/hr and 15.4 tons/year.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-020, 35 MMBTUH natural gas fired Hot Water Generating Unit # 2 (Reference No. S1-17). This unit is subject to the New Source Performance Standards, 40 CFR 60, Subpart Dc.

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT and MACT have been determined to be the use of natural gas as fuel.

NSPS Requirements:
The permittee shall submit all notifications as specified in 60.48c(a) and 60.7.
The permittee shall record and maintain the amount of fuel combusted each day as specified in 60.48c(g).
All records shall be maintained for a period of two(2) years as specified in 60.48c(i).

BACT:
Use of Low NOx Burners with the NOx emission rate of 0.1 lb/MMBTU, not to exceed 3.5 lbs/hr and 15.4 tons/year.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-021, System 1, Paint Plant - Exhaust from the Regenerative Thermal Oxidizer (RTO)(Reference No. S1-18) which combusts VOC and HAP emissions from the E-coat oven, Sealer oven, Stoneguard coating oven, Primer oven and the Topcoat ovens. The fuel is natural gas and burner rating for the oven is 10 MMBTUH.

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT has been determined to be the use of natural gas as fuel.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-022, System 1, Paint Plant - Regenerative Thermal Oxidizer (Reference No. S1-19) to capture VOC and HAP emissions from the automatic zones of the clearcoat operations. The fuel is natural gas and burner rating for the oven is 2 MMBTUH.

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT has been determined to be the use of natural gas as fuel.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-023, System 1, Plastics Plant - Fascia Pretreatment Line (Reference No. P1-01).

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT has been determined to be the use of good operating practices to minimize the use of VOC-containing materials, and MACT has been determined to be use of good operating practices to minimize use of HAP containing materials.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-024, System 1, Plastics Plant - Fascia Coating Line (Reference No. P1-02). The Fascia Coating Line consists of a waterborne adhesion promoter in the primer booth, solventborne basecoat and a solventborne topcoat with the VOC emissions from the oven routed through a Regenerative Thermal Oxidizer (RTO) (Emission Point AA-026).

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT) and 112(g) Case-by-Case Maximum Achievable Control Technology (MACT). For this emission point, BACT for VOC and MACT for HAPs have been determined to be the use of waterborne primers, solventborne basecoats, and solventborne clearcoats with the fascia oven exhaust routed through an RTO with a minimum destruction efficiency of 95%. BACT for PM has been determined to be use of wet scrubbers in the form of downdraft waterwash system for control of particulate emissions from the high volume continuous coating lines.

The air emissions equipment shall be constructed to comply with the emission limitations below and the monitoring and recordkeeping requirements as specified in Part III.

BACT:

Volatile Organic Compounds:	**1.3 lb/gal for the primer, 4.3 lb/gal for the basecoat, and 4.0 lb/gal for the clearcoat. (Based on a monthly average of all coatings)**
Particulate Matter:	**0.97 tons/year based on a 12 month rolling total.**

112(g) Case-by-Case MACT:
Hazardous Air Pollutants (HAP): 0.14 lbHAP/lb (Based on a monthly average of all coatings)

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-025 - 35 MMBTUH natural gas fired Hot Water Generating Unit # 5 (Reference No. P1-03).
This unit is subject to the New Source Performance Standards, 40 CFR 60, Subpart Dc.

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT and MACT has been determined to be the use of natural gas as fuel.

NSPS Requirements:
The permittee shall submit all notifications as specified in 60.48c(a) and 60.7.
The permittee shall record and maintain the amount of fuel combusted each day as specified in 60.48c(g).
All records shall be maintained for a period of two(2) years as specified in 60.48c(i).

BACT:
Use of Low NOx Burners with the NOx emission rate of 0.1 lb/MMBTU, not to exceed 3.5 lbs/hr and 15.4 tons/year.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-026, System 1, Plastics Plant - Fascia Regenerative Thermal Oxidizer (Reference No. P1-04). The fuel is natural gas and burner rating for the oven is 5 MMBTUH.

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT has been determined to be the use of natural gas as fuel.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-027, System 1, Post Production Touchup Booth (Reference No. D1-01).

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT has been determined to be the use of dry filters with a 99% efficiency to control particulate matter.

BACT:
Volatile Organic Compounds: See Emission Point AC-005.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-028, System 1, 2.0 MMBTUH natural gas fired Post-Production Touchup Oven (Reference No. D1-02).

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT has been determined to be the use of natural gas as fuel.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-029, System 1, the Trim and Chasis Gasoline Fill.

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT) and 112(g) Case-by-Case Maximum Achievable Control Technology (MACT). For this emission point, BACT and MACT have been determined to be the use of Stage II vapor control system or onboard vapor recovery system (OBVR) for gasoline fill.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-030, System 1, Vehicle Evaluation System (Reference No. VES-01).

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning March 7, 2002, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AA-031, System 1, the new coating process. (Reference No. S1-20).

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AB-001, System 2 - Stamping Plant.

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT has been determined to be the use of standard rust-preventative lubricants and cleaning oils and good work practices.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AB-002, System 2 - Body Shop, Main Line MIG Welding with an electrostatic precipitator (Reference No. B2-01).

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT has been determined to be the use of an electrostatic precipitator to control particulate matter with a minimum design efficiency of 99% and good maintenance practices.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AB-003, System 2 - Body Shop- Metal Finish Line with an electrostatic precipitator (Reference No. B2-02).

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT has been determined to be the use of an electrostatic precipitator to control particulate matter with a minimum design efficiency of 99% and good maintenance practices.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AB-004, System 2, Paint Plant - Pretreatment Line (Reference No. S2-01).

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT) and 112(g) Case-by-Case Maximum Achievable Control Technology (MACT).

The air emissions equipment shall be constructed to comply with the emission limitations below and the monitoring and recordkeeping requirements as specified in Part III.

BACT:

Volatile Organic Compounds (VOCs):	**4.88 tons/year in any consecutive 12-month period, based on a 12-month rolling total.**

112(g) Case-by-Case MACT:
Hazardous Air Pollutants (HAP): See Emission Point AC-005

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AB-005, System 2, Paint Plant - E-Coat Line (Reference No. S2-02). The E-Coat Oven emissions are being routed through a Regenerative Thermal Oxidizer (RTO) (Emission Point AB-021) for control of VOC and HAP emissions.

The E-Coat line is subject to the New Source Performance Standards (NSPS), 40 CFR 60, Subpart MM.

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT) and 112(g) Case-by-Case Maximum Achievable Control Technology (MACT). For this emission point, BACT has been determined to be the use of waterborne coating with the oven exhaust routed through an RTO with a minimum destruction efficiency of 95% and MACT has been determined to be use of a waterborne coating with the oven exhaust routed through an RTO.

The air emissions equipment shall be constructed to comply with the emission limitations below and the monitoring and recordkeeping requirements as specified in Part III.

NSPS Limit:

Volatile Organic Compounds (VOC) :	**0.17 kilograms of VOC per liter of applied coating solids (kg/L ACS) or 1.34 pounds of VOC per gallon of applied coating solids (lbs/G ACS)**

BACT:
Volatile Organic Compounds (VOC): 0.13 lb/GACS.

Hazardous Air Pollutants (HAP): 0.13 lb HAP/GACS

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AB-007, System 2, Paint Plant - Stoneguard Coating Booth (Reference No. S2-04) with the oven emissions routed through the Regenerative Thermal Oxidizer (Emission Point AB-021).

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT) and 112(g) Case-by-Case Maximum Achievable Control Technology (MACT). For this emission point, BACT has been determined to be the use of low VOC-containing materials for the Stoneguard coating and the use of dry filters with a 99% efficiency to control particulate matter.

The air emissions equipment shall be constructed to comply with the emission limitations below and the monitoring and recordkeeping requirements as specified in Part III.

BACT:

Volatile Organic Compounds:	**3 lb/gallon based on a monthly average.**
Particulate Matter:	**0.44 tons/year based on a 12 month rolling total.**

112(g) Case-by-Case MACT:
Hazardous Air Pollutants (HAP): See Emission Point AC-005

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AB-008, System 2, Paint Plant - E-Coat Sand Booth (Reference No. S2-05).

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT has been determined to be the use of dry filters with a 99% efficiency to control particulate matter.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AB-009, System 2, Paint Plant - On-line Metal Booth (Reference No. S2-06).

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT has been determined to be the use of dry filters with a 99% efficiency to control particulate matter.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AB-010, System 2, Paint Plant - Primer Coating Line (Reference No. S2-07) with the oven emissions routed through the Regenerative Thermal Oxidizer (Emission Point AB-021).

The Primer Coating Line is subject to the New Source Performance Standards (NSPS), 40 CFR 60, Subpart MM.

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT) and 112(g) Case-by-Case Maximum Achievable Control Technology (MACT). For this emission point, BACT for VOC has been determined to be the use of waterborne coating with the primer oven exhaust routed through an RTO with a minimum destruction efficiency of 95% and MACT for HAPs has been determined to be use of a waterborne coating with the primer oven exhaust routed through an RTO. BACT for PM has been determined to be use of wet scrubbers in the form of downdraft waterwash system for control of particulate emissions from the high volume continuous coating lines.

The air emissions equipment shall be constructed to comply with the emission limitations below and the monitoring and recordkeeping requirements as specified in Part III.

NSPS Limit:

Volatile Organic Compounds:	**1.40 kilograms of VOC per liter of applied coating solids (kg/L ACS) or 11.68 lbs/GACS.**
Particulate Matter:	**1.60 tons/year based on a 12 month rolling total.**

BACT:
Volatile Organic Compounds: 4.10lb/GACS.

112(g) Case-by-Case MACT:

Hazardous Air Pollutants (HAP):	**Combined weighted average limit with Emission Point AB-013 of 0.9 lbHAP/GACS.**

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AB-011, System 2, Paint Plant - Primer Sand Booth (Reference No. S2-08).

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT has been determined to be the use of dry filters with a 99% efficiency to control particulate matter.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AB-012, System 2, Paint Plant - Major Metal Repair Booth (Reference No. S2-09).

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT has been determined to be the use of dry filters with a 99% efficiency to control particulate matter.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AB-013, System 2, Paint Plant -Topcoat Lines #1 and #2 (Reference No. S2-10). The Topcoat will consist of a waterborne basecoat and a solventborne clear coat. The emissions from the Topcoat ovens will be routed through a Regenerative Thermal Oxidizer (Emission Point AB-021). Emissions from the automatic zones on the clearcoat will be routed through a combined carbon adsorption/combustion system (Emission Point AB-022).

The Topcoat Lines are subject to the New Source Performance Standards (NSPS), 40 CFR 60, Subpart MM.

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT) and 112(g) Case-by-Case Maximum Achievable Control Technology (MACT). For this emission point, BACT for VOC and MACT for HAPs have been determined to be the use of waterborne basecoat and solventborne clearcoat with the clearcoat booth automatic zones having a combined carbon adsorption/combustion system and the topcoat oven exhaust routed through an RTO with a minimum destruction efficiency of 95%. BACT for PM has been determined to be use of wet scrubbers in the form of downdraft waterwash system for control of particulate emissions from the high volume continuous coating lines.

The air emissions equipment shall be constructed to comply with the emission limitations below and the monitoring and recordkeeping requirements as specified in Part III.

NSPS Limit:

Volatile Organic Compounds:	**1.47 kilograms of VOC per liter of applied coating solids (kg/L ACS) or 12.27 lbs/GACS.**
Particulate Matter:	**3.5 tons/year based on a 12 month rolling total.**

BACT:
Volatile Organic Compounds: 5.2 lb/GACS.

112(g) Case-by-Case MACT:

Hazardous Air Pollutants (HAP):	**Combined weighted average limit with Emission Point AB-010 of 0.9 lbHAP/GACS.**

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AB-014, System 2, Paint Plant - Touch Up Booth. (Reference No. S2-11)

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT has been determined to be the use of dry filters with a 99% efficiency to control particulate matter.

112(g) Case-by-Case MACT:
Hazardous Air Pollutants (HAP): See Emission Point AC-005.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AB-015, System 2, Paint Plant - On line Spot Booth (Reference No. S2-12).

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT has been determined to be the use of dry filters with a 99% efficiency to control particulate matter.

112(g) Case-by-Case MACT:
Hazardous Air Pollutants (HAP): See Emission Point AC-005

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AB-016, System 2, Paint Plant - Tutone Mask Booth (Reference No. S2-13).

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT has been determined to be the use of dry filters with a 99% efficiency to control particulate matter.

112(g) Case-by-Case MACT:
Hazardous Air Pollutants (HAP): See Emission Point AC-005

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AB-017, System 1, Paint Plant - Tutone Sand Booth (Reference Number S2-14).

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT has been determined to be the use of dry filters with a 99% efficiency to control particulate matter.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AB-018, System 2, Paint Plant - Undercoat Booth (Reference Number S2-15).

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT for VOC is use of waterborne coatings and the use of dry filters with a 99% efficiency to control particulate matter.

BACT:
Volatile Organic Compounds: 1.5lb/gallon with water and exempt solvents (monthly average)

112(g) Case-by-Case MACT:
Hazardous Air Pollutants (HAP): See Emission Point AC-005

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AB-019, 35 MMBTUH natural gas fired Hot Water Generating Unit # 3 (Reference No. S2-16).

This unit is subject to the New Source Performance Standards, 40 CFR 60, Subpart Dc.

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT and MACT have been determined to be the use of natural gas as fuel.

NSPS Requirements:
The permittee shall submit all notifications as specified in 60.48c(a) and 60.7.
The permittee shall record and maintain the amount of fuel combusted each day as specified in 60.48c(g).
All records shall be maintained for a period of two(2) years as specified in 60.48c(i).

BACT:
Use of Low NOx Burners with the NOx emission rate of 0.1 lb/MMBTU, not to exceed 3.5 lbs/hr and 15.4 tons/year.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AB-020, 35 MMBTUH natural gas fired Hot Water Generating Unit # 4 (Reference No. S2-17).
This unit is subject to the New Source Performance Standards, 40 CFR 60, Subpart Dc.

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct.

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT and MACT have been determined to be the use of natural gas as fuel.

NSPS Requirements:
The permittee shall submit all notifications as specified in 60.48c(a) and 60.7.
The permittee shall record and maintain the amount of fuel combusted each day as specified in 60.48c(g).
All records shall be maintained for a period of two(2) years as specified in 60.48c(i).

BACT:
Use of Low NOx Burners with the NOx emission rate of 0.1 lb/MMBTU, not to exceed 3.5 lbs/hr and 15.4 tons/year.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AB-021, System 2, Paint Plant - Exhaust from the Regenerative Thermal Oxidizer (RTO) which combusts VOC and HAP emissions from the E-coat oven, Sealer oven, Stoneguard coating oven, Primer oven and the Topcoat Oven (Reference No. S2-18). The fuel is natural gas and burner rating for the oven is 10 MMBTUH.

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT has been determined to be the use of natural gas as fuel.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AB-022, System 2, Paint Plant - Regenerative Thermal Oxidizer to capture VOC and HAP emissions from the automatic zones of the clearcoat operations (Reference No. S2-19). The fuel is natural gas and burner rating for the oven is 2 MMBTUH.

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT has been determined to be the use of natural gas as fuel.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AB-023, System 2, Plastics Plant - Fascia Pretreatment Line (Reference No. P2-01).

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT has been determined to be the use of good operating practices to minimize the use of VOC-containing materials, and MACT has been determined to be use of good operating practices to minimize use of HAP containing materials.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AB-024, System 2, Plastics Plant - Fascia Coating Line (Reference No. P2-02). The Fascia Coating Line consists of a waterborne adhesion promoter in the primer booth, solventborne basecoat and a solventborne topcoat with the VOC emissions from the oven routed through a Regenerative Thermal Oxidizer (RTO) (Emission Point AB-026).

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT) and 112(g) Case-by-Case Maximum Achievable Control Technology (MACT). For this emission point, BACT for VOC and MACT for HAPs have been determined to be the use of waterborne primers, and solventborne basecoats, and solventborne clearcoats, with the fascia oven exhaust routed through an RTO with a minimum destruction efficiency of 95%. BACT for PM has been determined to be use of wet scrubbers in the form of downdraft waterwash system for control of particulate emissions from the high volume continuous coating lines.

The air emissions equipment shall be constructed to comply with the emission limitations below and the monitoring and recordkeeping requirements as specified in Part III.

BACT:

Volatile Organic Compounds:	**1.3 lb/gal for the primer, 4.3 lb/gal for the basecoat, and 4.0 lb/gal for the clearcoat. (Based on a monthly average of all coating)**
Particulate Matter:	**0.65 tons/year based on a 12 month rolling total.**

112(g) Case-by-Case MACT:

Hazardous Air Pollutants (HAP): 0.14 lbHAP/lb solids	**(Based on a monthly average of all coatings)**

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AB-026, System 2, Plastics Plant - Fascia Regenerative Thermal Oxidizer (Reference No. P2-04). The fuel is natural gas and burner rating for the oven is 5 MMBTUH.

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT has been determined to be the use of natural gas as fuel.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AB-027, System 2, Post-Production Touch Up Booth (Reference No. D2-01).

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT has been determined to be the use of dry filters with a 99% efficiency to control particulate matter.

BACT:
Volatile Organic Compounds: See Emission Point AC-005.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AB-028, System 2, Post-Production Touch Up Oven (Reference No. D2-02).

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT has been determined to be the use of natural gas as fuel.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AB-029, System 2, the Trim and Chasis Gasoline Fill.

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT) and 112(g) Case-by-Case Maximum Achievable Control Technology (MACT). For this emission point, BACT and MACT have been determined to be the use of a Stage II vapor control system or onboard vapor recovery system(OBVR) for gasoline fill.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AB-030, System 2, Vehicle Evaluation System (VES).

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning March 7, 2002, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AB-031, System 2, the new coating process (Reference No. S2-20).

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AC-001, System 1 and System 2, Paint Strip House (Reference No. SO-01).

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT has been determined to be the use of caustic based cleaning system.
and use of a scrubber on the exhaust for the caustic strip tanks for control of particulate matter.

112(g) Case-by-Case MACT:
Hazardous Air Pollutants (HAP): See Emission Point AC-005

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AC-002, the On-Site Training center (Reference No. SO-02).

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT). For this emission point, BACT has been determined to be the use of dry filters with a 99% efficiency to control particulate matter and use of good work practices to minimize VOC emissions.

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AC-003, the Tank Farm for System 1 and System 2.

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT) and 112(g) Case-by-Case Maximum Achievable Control Technology (MACT). For this emission point, BACT and MACT have been determined to be the use of submerged fill pipes and Stage I vapor control system for gasoline tank fill.

Tank Ref-No.	Capacity (Gal)	Type	Product
Tank - 01A	10,000	Fixed Roof	Antifreeze
Tank - 01B	10,000	Fixed Roof	Antifreeze
Tank - 02	10,000	Fixed Roof	Windshield Washer Fluid
Tank- 03	10,000	Fixed roof	Power Steering Fluid
Tank - 04	10,000	Fixed Roof	Automatic Transmission Fluid
Tank - 05A	10,000	Fixed Roof	Manual Transmission Fluid
Tank - 05B	10,000	Fixed Roof	Continuously Variable Transmission Fluid
Tank - 06A	10,000	Fixed Roof	Production Gasoline
Tank - 06B	10,000	Fixed Roof	Production Gasoline
Tank - 07	10,000	Fixed Roof	Brake Fluid
Tank - 08	10,000	Fixed Roof	Production Diesel Storage
Tank - 09	5,000	Fixed Roof	Fleet Gasoline Storage
Tank - 10A	6,000	Fixed Roof	Gasoline Storage
Tank - 10B	6,000	Fixed Roof	Gasoline Storage
Tank- 11	6,000	Fixed Roof	Refrigerant Storage

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AC-004, Miscellaneous Solvents Usage for the entire facility.

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT) and 112(g) Case-by-Case Maximum Achievable Control Technology (MACT). For this emission point, BACT and MACT have been determined to be the use of good work practices to minimize purge and cleanup solvent emissions. The permittee will install and operate a purge solvent recovery system.

The air emissions equipment shall be constructed to comply with the emission limitations below and the monitoring and recordkeeping requirements as specified in Part III.

BACT:	
Volatile Organic Compounds (VOCs):	**System 1: 158.0 TPY**
	System 1 and System 2 (Total): 260.0 TPY
112(g) Case-by-Case MACT:	
Hazardous Air Pollutants (HAP):	**System 1 : 38.0 TPY**
	System 1 and System 2 (Total): 63.0 TPY

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AC-005, Miscellaneous Assembly Operations for the entire facility . Operations included in Miscellaneous Assembly Operations are the waterborne undercoat operation, the application of flash primer, various vehicle assembly materials in Trim and Chassis, Stoneguard coating, caustic cleaning in the Paint Strip House, Pretreatment Operations, and post-production touchup and repair.

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT) and 112(g) Case-by-Case Maximum Achievable Control Technology (MACT). For this emission point, BACT and MACT has been determined to be the use of good work practices to minimize VOC and HAP emissions.

The air emissions equipment shall be constructed to comply with the emission limitations below and the monitoring and recordkeeping requirements as specified in Part III.

BACT:		
Volatile Organic Compounds (VOCs):	**System 1:**	**225.0 TPY**
	System 1 and System 2 (Total):	**371.0 TPY**
112(g) Case-by-Case MACT:		
Hazardous Air Pollutants (HAP):	**System 1:**	**49.9 TPY**
	System 1 and System 2 (Total):	**81.5 TPY**

PART II
EMISSION LIMITATIONS AND MONITORING REQUIREMENTS

Beginning April 2, 2001, the permittee is authorized to construct air emissions equipment for the emission of air contaminants from Emission Point AC-006, Miscellaneous Sealers and Adhesives for the entire facility. Miscellaneous Sealers and Adhesives includes sealers, adhesives, and associated preparation materials used in the body assembly operations, vehicle and plastic painting operations, and vehicle assembly operations.

Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct, including the application of Best Available Control Technology (BACT) and 112(g) Case-by-Case Maximum Achievable Control Technology (MACT). For this emission point, BACT and MACT have been determined to be the use of good work practices to minimize VOC and HAP emissions.

BACT:
Volatile Organic Compounds: 0.3 lb/gal (monthly average)

112(g) Case-by-Case MACT:
Hazardous Air Pollutants (HAP): 0.3 lbHAP/gal (monthly average)

PART III
OTHER REQUIREMENTS

EMISSION LIMITATIONS:

(1) Volatile Organic Compounds: Emissions of Volatile Organic Compounds from all the coatings and solvent usage from the entire System 1 operations shall not exceed 1148.5 tons/year in any consecutive 12-month period. The emissions from Emission Point AA-004 shall not exceed 7.3 tons/year in any consecutive 12-month period. The emissions from Emission Point AC-004, shall not exceed 158 tons/year for System 1 and for Emission Point AC-005 shall not exceed 225 TPY for System 1 respectively in any consecutive 12-month period.

(2) Volatile Organic Compounds: Emissions of Volatile Organic Compounds from all the coatings and solvent usage from the entire System 1 and System 2 operations shall not exceed 1904.5 tons/year in any consecutive 12-month period. The emissions from Emission Point AA-004 and AB-004 shall not exceed 12.2 tons/year in any consecutive 12-month period. The emissions from Emission Point AC-004, shall not exceed 260 tons/year for System 1 and System 2 (total) and the emissions from Emission Point AC-005 shall not exceed 371 tons/year for System 1 and System 2 (total) respectively in any consecutive 12-month period.

(3) Particulate Matter Emission limit: Emissions of particulate matter for System 1, Emission Points AA-007, AA-010, AA-013, and AA-024 shall not exceed 0.66 tons/year, 2.4 tons/year, 5.27 tons/year, and 0.97 tons/year respectively for any consecutive 12-month period.

(4) Particulate Matter Emission limit: Emissions of particulate matter for System 2, Emission Points AB-007, AB-010, AB-013, and AB-024 shall not exceed **0.44 tons/year, 1.6 tons/year, 3.5 tons/year, and 0.65 tons/year respectively for any consecutive 12-month period.**

(5) Opacity Limitations: All emission units at the facility shall not exhibit greater than 10% opacity as measured in accordance with 40 CFR 60, Method 9.

COMPLIANCE REQUIREMENTS

(6) Compliance with NSPS limits: The permittee shall demonstrate compliance with all the NSPS limits specified in the permit as per 40 CFR 60, Subpart MM.

(7) Compliance with VOC BACT limits: Where applicable, the permittee shall use the EPA document "Protocol for determining Daily VOC emission Rate of Automobile and Light Duty Truck Topcoat Operations", June 10, 1988, and revisions thereafter to determine transfer efficiencies, booth/oven splits, and control efficiencies for compliance with all VOC

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BACT limits.

For each calendar month, the permittee shall determine the following for each coating and/or solvent used, utilizing data supplied by the manufacturer or by analysis of each coating and/or solvent using EPA Reference Method 24, 40 CFR 60, Appendix A:
Notes: CE = Capture Efficiency; DE = Destruction Efficiency

For Emission Points subject to NSPS:

VOC Emission Rate in lbs VOC/gal Solids Applied = Total VOCs Emitted/Total Solids Applied

Lbs VOC/gal Solids Applied = Total VOCs Emitted/Total Solids Applied

Lbs VOC emitted for each coating =gal coating used x VOC content (lb/gal) x (1 - (CE x DE))

Gallons of Solids applied for each coating =gal coating used x vol % solids x transfer efficiency

For Emission Points with limits based on total weight of VOC released:

VOC Emission Rate in lbs = gal used x VOC content (lb/gal) x (1 - (CE x DE))

For Emission Points with limits based on material VOC content only:

Formulation data or analytical data (EPA Method 24) will be utilized.

(8) Compliance with PM BACT limits for PM emissions specified in Part III, Item # 3 and Item # 4 (above):

For each calendar month, the permittee shall determine the following for each coating and/or solvent used for Emission Points AA-007, AA-010, AA-013, AA-024 and for AB-007, AB-010, AB-013 and AB-024 by utilizing the following formula:

PM emissions (lbs/hr) = Paint usage (gal/hr) x Paint density (lbs/gal) x Solids content (wt. fraction) x (1 - transfer efficiency in percent/100) x (1 - control efficiency in percent/100)

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(9) Compliance with MACT limits: For each calendar month, the permittee shall determine the following for each HAP containing material by using either the data supplied by the manufacturer or from a chemical analysis using an approved EPA Reference Method:

Notes: CE = Capture Efficiency; DE = Destruction Efficiency;
HAP capture and destruction efficiencies will be assumed to be the same as VOC capture and destruction efficiencies.

For Emission Points subject to NSPS:

HAP Emission Rate in lbs HAP/gal Solids Applied = Total HAPs Emitted/Total Solids Applied

Lbs HAP per gal Solids Applied = Total HAPs Emitted/Total Solids Applied

Lbs HAP emitted for each coating = gal coating used x HAP content (lb/gal) x (1 - (CE x DE))

Gallons of Solids applied for each coating =gal coating used x vol % solids x transfer efficiency

For Emission Points with limits based on total weight of HAP released:
HAP Emission Rate in lbs = Gallons used x HAP content (lb/gal) x (1 - (CE x DE))

For Emission Points with limits based on material HAP content only:
Formulation data or analytical data (EPA Method 311) will be utilized.

RECORDKEEPING REQUIREMENTS:

(10) The permittee shall maintain the following records to calculate the VOC emissions for each month:

a) The type, quantity in gallons and weight in pounds of each VOC containing material used during each calendar month.
b) The percent of VOCs by weight or VOC content (in lbs/gal).
c) The solids content of each material if applicable.
d) The applicable VOC emission rates based upon the monthly material usage inventories for each month and for each consecutive 12-month period in tons/year.
e) Records to demonstrate compliance with the short term BACT emission rate for each process which has a specific BACT limit for VOC content.

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(11) The permittee shall maintain the following records to calculate the PM emissions for each coating used for Emission Points AA-007, AA-010, AA-013, AA-024 and AB-007, AB-010, AB-013 and AB-024 for each month:

1) The type quantity in gallons and weight in pounds of each coating material during each calendar month.
b) The density of the coating (in lbs/gal).
c) The solid content (weight fraction).
d) The PM emission rates for each month and each consecutive 12-month period in tons/year.

(12) For the System 1 Primer/Surfacer and Topcoat Operations, Emission Points AA-010 and AA-013, and the System 2 Primer/Surfacer and Topcoat Operations, Emission Points AB-010 and AB-013, the permittee shall maintain the following records each month:

a) The type, quantity in gallons and HAP content of each material used on a monthly basis.
b) The solids content of each material.
c) A calculation of the combined weighted average monthly HAP emission rate for System 1 and System 2 in lbHAP/GACS.

(13) For the E-Coat Operations, Emission Points AA-005 and AB-005, the permittee shall maintain the following records each month:

a) The type, quantity in gallons and HAP content of each material used during each calendar month.
b) The solids content of each material.
c) A calculation of the average monthly HAP emission rate in lbHAP/GACS.

(14) For the Miscellaneous Solvent Usage Operations, Emission Point AC-004, the permittee shall keep records of the total solvents used and the HAP content of each one. These records shall be used to calculate the total HAP emissions on a monthly basis. Compliance with the annual HAP emission limit shall be determined on a rolling twelve month time period.

(15) For the Miscellaneous Assembly Operations, Emission Point AC-005, the permittee shall keep records of the total materials used and the HAP content of each one. These records shall be used to calculate the total HAP emissions on a monthly basis. Compliance with the annual HAP emission limit shall be determined on a rolling twelve

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month time period.

(16) For the Miscellaneous Sealers and Adhesives, Emission Point AC-006, the permittee shall keep records of all materials used, quantity, and the HAP content of each one. These records shall be used to calculate the average HAP emissions rate on a monthly basis.

(17) For the Fascia Coating Lines, Emission Points AA-024 and AB-024, the permittee shall maintain the following records each month:

a) The type, quantity in gallons and HAP content of each coating used during each calendar month.
b) The solids content of each coating.
c) A calculation of the average monthly HAP emission rate in lbHAP/lb solids.

REPORTING REQUIREMENT

(18) The initial report is due no later than 30 days after the performance testing is done for calculating the destruction efficiencies of the RTOs to demonstrate compliance with the BACT limits. All subsequent reports shall be submitted semi-annually summarizing the following information:

(a) The facility wide VOC emission rate in tons/year based on a 12-month rolling total for System 1 and System 2.
(2) The VOC emission rate for emission point AA-004 and AB-004 in tons/year based on a 12-month rolling total.
(3) The VOC emission rate from Emission Point AC-004 and AC-005 in tons/year based on a 12-month rolling total.
(4) The calculated short term BACT VOC emission rate for Emission Points AA-005, AA-010, AA-013, AB-005, AB-010, AB-013, by using the EPA document "Protocol for determining Daily VOC emission Rate of Automobile and Light Duty Truck Topcoat Operations", June 10, 1988, and the destruction efficiencies from the most recent performance test for VOCs as measured in accordance with 40 CFR 60, Appendix A, method 18, 25 or 25A or an equivalent method.
(5) The VOC content and applicable emission rates necessary to demonstrate compliance with BACT limits for sources not specifically enumerated above.
(6) The PM emission rates for Emission Points AA-007, AA-010, AA-013, AA-024 and AB-007, AB-010, AB-013 and AB-024 in tons/year based on a 12 month rolling

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total.

(g) The average monthly HAP combined emission rate for Emission Points AA-010 and AA-013 and for AB-010 and AB-013.
(h) The average monthly HAP emission rate for Emission Points AA-005 and AB-005.
(i) The HAP emission rate from Emission Point AC-004, Miscellaneous Solvent Usage, in tons/year on a rolling twelve month time period.
(j) The HAP emission rate from Emission Point AC-005, Miscellaneous Assembly Operations, in tons/year on a rolling twelve month time period.

(k) The average HAP content from Emission Point AC-006, Miscellaneous Sealers and Adhesives, in lbs/gallon based on a monthly basis.

(i) The average monthly HAP emission rate from Emission Points AA-024 and AB-024, the Fascia Coating Lines.

All semi-annual reports shall be submitted no later than 30 days from the semi-annual periods ending June 30th and December 31st each calendar year.

PERFORMANCE TESTING

(19) Within 60 days after achieving the maximum production rate at which the emission point will be operated, but not later than 180 days after initial startup, the permittee shall demonstrate initial compliance with the Volatile Organic Compounds NSPS emission limits by testing and recordkeeping in accordance with EPA test methods and procedures given by 40 CFR 60.393, 60.395, 60.396, 60.8 and 40 CFR 60, Appendix A and submittal of a test report.

(20) Within 180 days after commencement of operation, the permittee shall demonstrate compliance with the 95% minimum destruction efficiency for demonstrating compliance with the VOC BACT limits for VOC emissions for Emission Point AA-021, AA-022, AA-026, AB-021, AB-022 and AB-026 in accordance with 40 CFR 60, Appendix A, method 18, 25 or 25A or an equivalent method by submittal of a test report.

(21) Within 180 days after commencement of operation, the permittee shall demonstrate compliance with the 10% opacity limit for Emission Points AA-007, AA-010, AA-013, AA-024 and AB-007, AB-010, AB-013 and AB-024 in accordance with EPA test method, 40 CFR 60, Appendix A, Method 9 and submittal of a test report.

(22) For Emission Points AA-019, AA-020, AA-025, AB-019 and AB-020, the permittee shall demonstrate compliance with the nitrogen oxide emission limit by stack testing in

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accordance with EPA Reference Method 7 or approved equivalents. The permittee shall perform the compliance demonstration stack test on one of the units. Subsequent testing shall be performed on the units in a rotating manner. The permittee shall submit a stack test report within 180 days of startup.

(23) A pretest conference at least thirty (30) days prior to the scheduled test date is needed to ensure that all test methods and procedures are acceptable to MDEQ. Also, MDEQ must be notified prior to the scheduled test date. At least TEN (10) DAYS notice should be given so that an observer may be scheduled to witness the test(s).

(24) For all RTOs, the permittee shall continuously record the combustion temperature during coating operations. The permittee shall report every three-hour period during which the average temperature measured is more than 50 degree F. less than the average temperature during the most recent performance test at which the destruction efficiency of 95% was established. A temperature measurement device shall be used in the combustion chamber. Each temperature measurement device shall be installed, calibrated, and maintained according to accepted practices and manufacturer's specifications. The device shall have an accuracy of the greater of the ±0.75 percent of the temperature being measured expressed in degree Celsius or ±2.5°C. Each temperature measurement device shall be equipped with a recording device so that a permanent record is produced. The permittee shall submit a written report as specified in 60.395c and 60.7(c).

(25) Following the initial performance test, the permittee shall identify, record, and submit a written report to MDEQ every calendar quarter of each instance in which the volume weighted average of the total mass of VOCs emitted to the atmosphere per volume of applied coating solids is greater than the limit specified in 60.392. If no such instances have occurred during a particular quarter, a report stating this shall be submitted to the administrator semiannually as specified in 60.395.

(26) Regular maintenance shall be performed as necessary to maintain proper operation of the pollution control equipment. Records of this maintenance shall be kept in log form and must be made available for review upon request during any inspection visit by Office of Pollution Control personnel.

(27) Nissan shall utilize good **work practices that are practical to minimize the use of clean-up/purge/general solvent and other solvent containing materials in all operations. Coatings, solvents, and other VOC containing materials will be handled in such a way as to minimize VOC emissions from storage, handling, coating, and cleanup. Closed**

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containers shall be used for the storage and disposal of cloth or other materials used for VOC containing material clean-up or usage. Coatings and other fresh or spent VOC coating material will be stored in closed containers. The permittee shall also use good work practices for each process as submitted in the application.

(28) For the new coating process, Emission Points AA-031 and AB-031, the permittee shall maintain the following records each month:

a) The type, quantity in gallons and HAP content of each coating used during each calendar month.
b) The solids content of each coating.
c) A calculation of the average monthly HAP emission rate in lbHAP/lb solids.