

State of Ohio Environmental Protection Agency

Street Address:

Lazarus Gov. Center
122 S. Front Street
Columbus, OH 43215

TELE: (614) 644-3020 FAX: (614) 644-2329

Mailing Address:

Lazarus Gov. Center
P.O. Box 1049
Columbus, OH 43216-1049

01/31/00

CERTIFIED MAIL

**RE: Preliminary Proposed Title V
Chapter 3745-77 permit**

02-78-00-0199
GM NAO/SCG Lordstown Assembly
Karen L. Walter
G M Lordstown Assembly Plant
P.O. Box 1406 - 2300 Hallock-Young Rd.
Warren, OH 44481-1406

Dear Karen L. Walter:

Enclosed is the Ohio EPA Preliminary Proposed Title V permit that was issued in draft form on 07/21/99. The comment period has ended. We are now ready to submit this permit to USEPA for approval.

We are submitting this for your review and comment. If you do not agree with the Preliminary Proposed Title V permit as written or with agreed-upon changes, then you have the opportunity to schedule a meeting with us to discuss your concerns.

Please contact Jim Orlemann, Engineering Section Manager, 614-644-3592, or you can telefax your request to (614) 644-3681, within fourteen (14) days from receipt of this letter if a meeting is desired. If a request for a meeting is not received within fourteen (14) days of receipt of this letter, we will forward this proposed permit (as written, or with agreed-upon changes) to USEPA for approval.

Very truly yours,



Thomas G. Rigo, Manager
Field Operations and Permit Section
Division of Air Pollution Control

cc: Northeast District Office
Becky Castle, DAPC PMU

Ohio EPA

State of Ohio Environmental Protection Agency

PRELIMINARY PROPOSED TITLE V PERMIT

Date: 01/31/00

Effective Date:

Expiration Date:

The duration of this permit will be five years.

This document constitutes issuance to:

GM NAO/SCG Lordstown Assembly
General Motors Lordstown Assembly
P.O. Box 1406 - 2300 Hallock-Young Road
Warren, OH 44482

of a Title V permit for Facility ID: 02-78-00-0199

Emissions Unit ID (Company ID)/
Emissions Unit Activity Description:
B001 (Boiler #1)
See attached file: LORAPPXB.DOC

B002 (Boiler #2)
See attached file: LORAPPXB.DOC

B003 (Boiler #3)
See attached file: LORAPPXB.DOC

B004 (Boiler #4)
See attached file: LORAPPXB.DOC

B005 (Boiler #5)
See attached file: LORAPPXB.DOC

K002 (Topcoat and Primer Surfacer Systems)
See attached file: LORAPPXB.DOC

K008 (Final Repair, Primer)
See attached file: LORAPPXB.DOC

K017 (Cathodic EDP Prime Coating System)
See attached file: LORAPPXB.DOC

K018 (Final Repair, Spot #1)
See attached file: LORAPPXB.DOC

K019 (Final Repair, Spot #2)
See attached file: LORAPPXB.DOC

K020 (Final Repair, Panel #1)
See attached file: LORAPPXB.DOC

K021 (Final Repair, Panel #2)
See attached file: LORAPPXB.DOC

K022 (Final Repair, Panel #3)
See attached file: LORAPPXB.DOC

L002 (Solvent Pre-Wipe Booth)
See attached file: LORAPPXB.DOC

R017 (Deadner)
See attached file: LORAPPXB.DOC

Z008 (Sealers/Adhesives)
See attached file: LORAPPXB.DOC

Z048 (Gasoline Operation (Tank #15&16-Gasoline/Gasoline fill))
See attached file: LORAPPXA.DOC and LORAPPXB.DOC

You will be contacted approximately eighteen (18) months prior to the expiration date regarding the renewal of this permit. If you are not contacted, please contact the appropriate Ohio EPA District Office or local air agency listed below. This permit and the authorization to operate the air contaminant sources (emissions units) at this facility shall expire at midnight on the expiration date shown above. If a renewal permit is not issued prior to the expiration date, the permittee may continue to operate pursuant to OAC rule 3745-77-04(A) and in accordance with the terms of this permit beyond the expiration date, provided that a complete renewal application is submitted no earlier than eighteen (18) months and no later than one-hundred eighty (180) days prior to the expiration date.

Described below is the current Ohio EPA District Office or local air agency that is responsible for processing and administering your Title V permit:

Northeast District Office
2110 East Aurora Road
Twinsburg, OH 44087
(330) 425-9171

OHIO ENVIRONMENTAL PROTECTION AGENCY

Christopher Jones
Director

PART I - GENERAL TERMS AND CONDITIONS

A. State and Federally Enforceable Section

1. Monitoring and Related Recordkeeping and Reporting Requirements

- a. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:
 - i. The date, place (as defined in the permit), and time of sampling or measurements.
 - ii. The date(s) analyses were performed.
 - iii. The company or entity that performed the analyses.
 - iv. The analytical techniques or methods used.
 - v. The results of such analyses.
 - vi. The operating conditions existing at the time of sampling or measurement.
- b. Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.
- c. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall submit required reports in the following manner:
 - i. Reports of any required monitoring and/or recordkeeping of federally enforceable information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
 - ii. Quarterly written reports of (i) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, excluding deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06, that have been detected by the testing, monitoring and recordkeeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures taken, shall be promptly made to the appropriate Ohio EPA District Office or local air agency. These quarterly written reports shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c)(i) and (ii) pertaining to the submission of monitoring reports every six months and OAC rule 3745-77-07(A)(3)(c)(iii) pertaining to the prompt reporting of all deviations except malfunctions, which shall be reported in accordance with OAC rule 3745-15-06. The written reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.) See B.6 below if no deviations occurred during the quarter.
 - iii. Written reports, which identify any deviations from the federally enforceable monitoring, recordkeeping, and reporting requirements contained in this permit shall be submitted to the appropriate Ohio EPA District Office or local air agency every six months, i.e., by January 31 and July 31 of each year for the previous six calendar months. These semi-annual written reports shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c)(i) and (ii) pertaining to the reporting of any deviations related to the monitoring, recordkeeping, and reporting requirements. If no deviations occurred during a six-month period, the permittee shall submit a semi-annual report, which states that no deviations occurred during that period.
 - iv. Each written report shall be signed by a responsible official certifying that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.

2. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction, i.e., upset, of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. (The definition of an upset condition shall be the same as that used in OAC rule 3745-15-06(B)(1) for a malfunction.) The verbal and written reports submitted pursuant to OAC rule 3745-15-06 shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c)(iii) pertaining to the prompt reporting of deviations caused by malfunctions or upsets.

Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emission unit(s) that is (are) served by such control system(s).

3. Risk Management Plans

If applicable, the permittee shall develop and register a risk management plan pursuant to section 112(r) of the Clean Air Act, as amended, 42 U.S.C. 7401 et seq. (“Act”); and, pursuant to 40 CFR 68.215(a), the permittee shall submit either of the following:

- a. a compliance plan for meeting the requirements of 40 CFR Part 68 by the date specified in 40 CFR 68.10(a) and OAC 3745-104-05(A); or
- b. as part of the compliance certification submitted under 40 CFR 70.6(c)(5), a certification statement that the source is in compliance with all requirements of 40 CFR Part 68 and OAC Chapter 3745-104, including the registration and submission of the risk management plan.

4. Title IV Provisions

If the permittee is subject to the requirements of 40 CFR Part 72 concerning acid rain, the permittee shall ensure that any affected emissions unit complies with those requirements. Emissions exceeding any allowances that are lawfully held under Title IV of the Act, or any regulations adopted thereunder, are prohibited.

5. Severability Clause

A determination that any term or condition of this permit is invalid shall not invalidate the force or effect of any other term or condition thereof, except to the extent that any other term or condition depends in whole or in part for its operation or implementation upon the term or condition declared invalid.

6. General Requirements

- a. The permittee must comply with all terms and conditions of this permit. Any noncompliance with the federally enforceable terms and conditions of this permit constitutes a violation of the Act, and is grounds for enforcement action or for permit revocation, revocation and reissuance, or modification, or for denial of a permit renewal application.
- b. It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the federally enforceable terms and conditions of this permit.

- c. This permit may be modified, reopened, revoked, or revoked and reissued, for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or revocation, or of a notification of planned changes or anticipated noncompliance does not stay any term and condition of this permit.
- d. This permit does not convey any property rights of any sort, or any exclusive privilege.
- e. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon request, the permittee shall also furnish to the Director or an authorized representative of the Director, copies of records required to be kept by this permit. For information claimed to be confidential in the submittal to the Director, if the Administrator of the U.S. EPA requests such information, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

7. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78.

8. Marketable Permit Programs

No revision of this permit is required under any approved economic incentive, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in this permit.

9. Reasonably Anticipated Operating Scenarios

The permittee is hereby authorized to make changes among operating scenarios authorized in this permit without notice to the Ohio EPA, but, contemporaneous with making a change from one operating scenario to another, the permittee must record in a log at the permitted facility the scenario under which the permittee is operating. The permit shield provided in these general terms and conditions shall apply to all operating scenarios authorized in this permit.

10. Reopening for Cause

This Title V permit will be reopened prior to its expiration date under the following conditions:

- a. Additional applicable requirements under the Act become applicable to one or more emissions units covered by this permit, and this permit has a remaining term of three or more years. Such a reopening shall be completed not later than eighteen months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to paragraph (E)(1) of OAC rule 3745-77-08.
- b. This permit is issued to an affected source under the acid rain program and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit, and shall not require a reopening of this permit.
- c. The Director of the Ohio EPA or the Administrator of the U.S. EPA determines that the federally applicable requirements in this permit are based on a material mistake, or that inaccurate statements were made in establishing the emissions standards or other terms and conditions of this permit related to such federally applicable requirements.
- d. The Administrator of the U.S. EPA or the Director of the Ohio EPA determines that this permit must be revised or revoked to assure compliance with the applicable requirements.

11. Federal and State Enforceability

Only those terms and conditions designated in this permit as federally enforceable, that are required under the Act, or any of its applicable requirements, including relevant provisions designed to limit the potential to emit of a source, are enforceable by the Administrator of the U.S. EPA, the State, and citizens under the Act. All other terms and conditions of this permit shall not be federally enforceable and shall be enforceable under State law only.

12. Compliance Requirements

- a. Any document (including reports) required to be submitted and required by a federally applicable requirement in this Title V permit shall include a certification by a responsible official that, based on information and belief formed after reasonable inquiry, the statements in the document are true, accurate, and complete.
- b. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Director of the Ohio EPA or an authorized representative of the Director to:
 - i. At reasonable times, enter upon the permittee's premises where a source is located or the emissions-related activity is conducted, or where records must be kept under the conditions of this permit.
 - ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, subject to the protection from disclosure to the public of confidential information consistent with paragraph (E) of OAC rule 3745-77-03.
 - iii. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.
 - iv. As authorized by the Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit and applicable requirements.
- c. The permittee shall submit progress reports to the appropriate Ohio EPA District Office or local air agency concerning any schedule of compliance for meeting an applicable requirement. Progress reports shall be

submitted semiannually, or more frequently if specified in the applicable requirement or by the Director of the Ohio EPA. Progress reports shall contain the following:

- i. Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.
 - ii. An explanation of why any dates in any schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.
- d. Compliance certifications concerning the terms and conditions contained in this permit that are federally enforceable emission limitations, standards, or work practices, shall be submitted to the appropriate Ohio EPA District Office or local air agency and to the Administrator of U.S. EPA in the following manner and with the following content:
- i. Compliance certifications shall be submitted annually on a calendar year basis. The annual certification shall be submitted on or before April 30th of each year during the permit term.
 - ii. Compliance certifications shall include the following:
 - (a) An identification of each term or condition of this permit that is the basis of the certification.
 - (b) The permittee's current compliance status.
 - (c) Whether compliance was continuous or intermittent.
 - (d) The method(s) used for determining the compliance status of the source currently and over the required reporting period.
 - (e) Such other facts as the Director of the Ohio EPA may require in the permit to determine the compliance status of the source.
 - iii. Compliance certifications shall contain such additional requirements as may be specified pursuant to sections 114(a)(3) and 504(b) of the Act.

13. Permit Shield

- a. Compliance with the terms and conditions of this permit (including terms and conditions established for alternate operating scenarios, emissions trading, and emissions averaging, but excluding terms and conditions for which the permit shield is expressly prohibited under OAC rule 3745-77-07) shall be deemed compliance with the applicable requirements identified and addressed in this permit as of the date of permit issuance.
- b. This permit shield provision shall apply to any requirement identified in this permit pursuant to OAC rule 3745-77-07(F)(2), as a requirement that does not apply to the source or to one or more emissions units within the source.

14. Operational Flexibility

The permittee is authorized to make the changes identified in OAC rule 3745-77-07(H)(1)(a) to (H)(1)(c) within the permitted stationary source without obtaining a permit revision, if such change is not a modification under any provision of Title I of the Act [as defined in OAC rule 3745-77-01(JJ)], and does not result in an exceedance of the emissions allowed under this permit (whether expressed therein as a rate of emissions or in terms of total emissions), and the permittee provides the Administrator of the U.S. EPA and the appropriate Ohio EPA District Office or local air agency with written notification within a minimum of seven days in advance of the proposed changes, unless the change is associated with, or in response to, emergency conditions. If less than seven days notice is provided because of a need to respond more quickly to such emergency conditions, the permittee shall provide notice to the Administrator of the U.S. EPA and the appropriate District Office of the Ohio EPA or local air agency as soon as possible after learning of the need to make the change. The notification shall contain the items required under OAC rule 3745-77-07(H)(2)(d).

15. Emergencies

The permittee shall have an affirmative defense of emergency to an action brought for noncompliance with technology-based emission limitations if the conditions of OAC rule 3745-77-07(G)(3) are met. This emergency defense provision is in addition to any emergency or upset provision contained in any applicable requirement.

16. Off Permit Changes

The owner or operator of a Title V source may make any change in its operations or emissions at the source that is not specifically addressed or prohibited in the Title V permit, without obtaining an amendment or modification of the permit, provided that the following conditions are met:

- a. The change does not result in conditions that violate any applicable requirements or that violate any existing federally enforceable permit term or condition;
- b. The permittee provides contemporaneous written notice of the change to the director and the administrator, except that no such notice shall be required for changes that qualify as insignificant emission levels or activities as defined in OAC rule 3745-77-01(U). Such written notice shall describe each such change, the date of such change, any change in emissions or pollutants emitted, and any federally applicable requirement that would apply as a result of the change;
- c. The change shall not qualify for the permit shield under OAC rule 3745-77-07(F);
- d. The permittee shall keep a record describing all changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from those changes; and
- e. The change is not subject to any applicable requirement under Title IV of the Act or is not a modification under any provision of Title I of the Act.

Paragraph (I) of rule 3745-77-07 of the Administrative Code applies only to modification or amendment of the permittee's Title V permit. The change made may require a permit to install under Chapter 3745-31 of the Administrative Code if the change constitutes a modification as defined in that Chapter. Nothing in paragraph (I) of rule 3745-77-07 of the Administrative Code shall affect any applicable obligation under Chapter 3745-31 of the Administrative Code.

(For further clarification, the permittee can refer to Engineering Guide #63 that is available in their STARSHIP software package.)

17. Compliance Method Requirements

Nothing in this permit shall alter or affect the ability of any person to establish compliance with, or a violation of, any applicable requirement through the use of credible evidence to the extent authorized by law. Nothing in this permit shall be construed to waive any defenses otherwise available to the permittee, including but not limited to, any challenge to the Credible Evidence Rule (see 62 Fed. Reg. 8314, Feb. 24, 1997), in the context of any future proceeding.

18. Title VI Provisions

If applicable, the permittee shall comply with the standards for recycling and reducing emissions of ozone depleting substances pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners in Subpart B of 40 CFR Part 82:

- a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices specified in 40 CFR 82.156.
- b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment specified in 40 CFR 82.158.
- c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

B. State Only Enforceable Section

1. Permit to Install Requirement

Prior to the “installation” or “modification” of any “air contaminant source,” as those terms are defined in OAC rule 3745-31-01, a permit to install must be obtained from the Ohio EPA pursuant to OAC Chapter 3745-31.

2. Reporting Requirements Related to Monitoring and Recordkeeping Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or recordkeeping of state-only enforceable information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
- b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from state-only required emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

3. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).

4. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

5. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

6. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations (See Section A of This Permit)

If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters.

Part II - Specific Facility Terms and Conditions

A. State and Federally Enforceable Section

None

B. State Only Enforceable Section

1. The following insignificant emissions units are located at this facility:

Z002 - Vehicle Start-up
L003 - Solvent Cleaning Deck - Non VOC
P014 - Cardboard Shredder with Dust Collector
P015 - Wet Sand Dry-off Oven
P016 - Mobile Equipment Battery Charging
P017 - Carpenter Shop with Dust Collector
P019 - Phosphate Pre-treat
R016 - Central Maintenance Paint Booth
T001 - Scrap Solvents Tank
T002 - Waste Purge Thinner Tank
T003 - Automatic Transmission Fluid Tank
T004 - Automatic Transmission Fluid Tank
T005 - Acrylic Cleaning Thinner Tank
T006 - Power Steering Fluid Tank
T007 - Transmission Oil Tank
T008 - Engine Oil Tank
T009 - Reclaim Purge Thinner Tank
T010 - Windshield Washer Solvent Tank
T011 - Purge Cleaning Thinner Tank
T012 - Purge Cleaning Thinner Tank
T013 - Polystrip Tank
T017 - Anti-freeze Tank
T018 - Anti-freeze Tank
T021 - Fuel Oil Tank
T028 - DF-2 Fuel Storage Tank
Z003 - Vehicle Roll Test
Z010 - Laboratory Equipment
Z013 - Solvent Cold Cleaners, Exempt
Z014 - Grinding, Machining, and Abrasive Polishing
Z015 - Maintenance Welding
Z016 - Arc Welding
Z017 - Resistance Spot Welding
Z019 - Feather Dusters
Z020 - Vehicle Washers Prior to Shipping
Z021 - Bulk Storage Material Transferring
Z022 - Emergency Diesel Generators
Z023 - High Pressure Cleaning Equipment
Z024 - Vehicle Fluid Fill Operations
Z025 - Misc. Aerosol Spray Cans
Z026 - Mechanical Repair Stalls
Z028 - Engine Subassembly Lines
Z029 - Radiator Subassembly Lines
Z030 - Trim Assembly Line
Z031 - Gasoline Tank Assembly Line
Z032 - Material Storage
Z033 - Paint Pump Repair Shop
Z034 - Wet/dry Sanding Booths
Z035 - Leak Test Areas
Z036 - Parts Washers and Rinse Tanks
Z037 - Storage Tanks for Inorganic Liquids
Z038 - Pressurized Storage Tanks for Propane
Z039 - Storage Tanks for Liquids(capacities less than 700 gal.)

B. State Only Enforceable Section (continued)

- Z040 - Cleanup Activities Onsite (VOC)
- Z042 - Gasoline Dispensing Facilities, Fleet
- Z043 - Body Shop Washer
- Z044 - Spot Sanding and Painting
- Z045 - EDP Sanding Booth

Each insignificant emissions unit at this facility must comply with all applicable State and federal regulations, as well as any emission limitations and/or control requirements contained within a Permit to Install for the emissions unit.

B. State Only Enforceable Section (continued)

The following insignificant emissions units are located at this facility:

Z002 - Vehicle Start-up
L003 - Solvent Cleaning Deck - Non VOC
P014 - Cardboard Shredder with Dust Collector
P015 - Wet Sand Dry-off Oven
P016 - Mobile Equipment Battery Charging
P017 - Carpenter Shop with Dust Collector
P019 - Phosphate Pre-treat
R016 - Central Maintenance Paint Booth
T001 - Scrap Solvents Tank
T002 - Waste Purge Thinner Tank
T003 - Automatic Transmission Fluid Tank
T004 - Automatic Transmission Fluid Tank
T005 - Acrylic Cleaning Thinner Tank
T006 - Power Steering Fluid Tank
T007 - Transmission Oil Tank
T008 - Engine Oil Tank
T009 - Reclaim Purge Thinner Tank
T010 - Windshield Washer Solvent Tank
T011 - Purge Cleaning Thinner Tank
T012 - Purge Cleaning Thinner Tank
T013 - Polystrip Tank
T017 - Anti-freeze Tank
T018 - Anti-freeze Tank
T021 - Fuel Oil Tank
T028 - DF-2 Fuel Storage Tank
Z003 - Vehicle Roll Test
Z010 - Laboratory Equipment
Z013 - Solvent Cold Cleaners, Exempt
Z014 - Grinding, Machining, and Abrasive Polishing
Z015 - Maintenance Welding
Z016 - Arc Welding
Z017 - Resistance Spot Welding
Z019 - Feather Dusters
Z020 - Vehicle Washers Prior to Shipping
Z021 - Bulk Storage Material Transferring
Z022 - Emergency Diesel Generators
Z023 - High Pressure Cleaning Equipment
Z024 - Vehicle Fluid Fill Operations
Z025 - Misc. Aerosol Spray Cans
Z026 - Mechanical Repair Stalls
Z028 - Engine Subassembly Lines
Z029 - Radiator Subassembly Lines
Z030 - Trim Assembly Line
Z031 - Gasoline Tank Assembly Line
Z032 - Material Storage
Z033 - Paint Pump Repair Shop
Z034 - Wet/dry Sanding Booths
Z035 - Leak Test Areas
Z036 - Parts Washers and Rinse Tanks
Z037 - Storage Tanks for Inorganic Liquids
Z038 - Pressurized Storage Tanks for Propane
Z039 - Storage Tanks for Liquids(capacities less than 700 gal.)

B. State Only Enforceable Section (continued)

- Z040 - Cleanup Activities Onsite (VOC)
- Z042 - Gasoline Dispensing Facilities, Fleet
- Z043 - Body Shop Washer
- Z044 - Spot Sanding and Painting
- Z045 - EDP Sanding Booth

Each insignificant emissions unit at this facility must comply with all applicable State and federal regulations, as well as any emission limitations and/or control requirements contained within a Permit to Install for the emissions unit.

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Boiler #1 (B001)
Activity Description: See attached file: LORAPPXB.DOC

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

- The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/ Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|--|---------------------------------------|--|
| Boiler #1 Natural Gas and #2 Oil Fired 60 mmBtu/hr Input | OAC rule 3745-17-10 | 0.020 lb Particulate Emissions (PE) per mmBtu |
| | OAC rule 3745-17-07 | 20% opacity as a six-minute average, except as provided by rule |
| | OAC rule 3745-18-06(D) | 1.6 pounds of Sulfur Dioxide per mmBtu actual heat input, when burning #2 fuel oil |

2. Additional Terms and Conditions

None

II. Operational Restrictions

- The permittee shall burn only natural gas and /or number two fuel oil in this unit.
- The quality of the oil burned in this emissions unit shall meet a sulfur content that is sufficient to comply with the allowable sulfur dioxide emission limitation specified in Section A.I.1 above.

III. Monitoring and/or Record Keeping Requirements

- For each day during which the permittee burns a fuel other than natural gas and/or number two fuel oil, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.
- For each shipment of oil received for burning in this emissions unit, the permittee shall maintain records of the total quantity of oil received, the permittee's or oil supplier's analyses for heat content and sulfur content and the calculated sulfur dioxide emission rate (in lbs/mmBtu). (The sulfur dioxide emission rate shall be calculated in accordance with the formula specified in OAC rule 3745-18-04(F).) A shipment may be comprised of multiple tank truck loads from the same supplier's batch and the quality of the oil for those loads may be represented by a single batch analysis from the supplier. Also, the permittee shall maintain monthly records of the calculated sulfur dioxide emission rate based upon a volume-weighted average of the calculated sulfur dioxide emission rates for all shipments of oil during each calendar month.
- The permittee shall perform or require the supplier to perform the analyses for heat content and sulfur content in accordance with 40 CFR Part 60, Appendix A, Method 19, or the appropriate ASTM methods (such as, ASTM methods D240, D4294, D6010), or equivalent methods as approved by the Director.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas and/or number two fuel oil was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.
2. The permittee shall notify the Director (the Northeast District Office) in writing of any monthly record which shows a deviation of the allowable sulfur dioxide emission limitation, based upon a volume-weighted average of the calculated sulfur dioxide emission rates for all shipments of oil during the month. The notification shall include a copy of such record and shall be sent to the Director (the Northeast District Office) within 45 days after the deviation occurs.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. and the operating restrictions in Section II of these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitation:

0.020 lb Particulate Emissions (PE) per mmBtu of heat input

Applicable Compliance Method:

Multiply the particulate emissions factor of 1.9* pounds of particulate emissions per million cubic feet of natural gas combusted by the inverse of the heat content of the natural gas, in Btu per cubic foot, as supplied by the gas supplier. (Emission factor * from AP - 42, Table 1.4 -2)

When No. 2 fuel oil is used multiply the particulate emissions factor of 2** pounds of particulate emissions per 1000 gallons of oil combusted by the inverse of the heat content of the fuel oil, in Btu per gallon, as supplied by the oil supplier. (Emission factor ** from AP - 42, Table 1.3 -2.)

1.b Emission Limitation

20% opacity as a six-minute average, except as provided by rule

Applicable Compliance Method

OAC rule 3745-17-03(B)(1), if requested.

1.c Emission limitation:

1.6 pounds of sulfur dioxide per mmBtu actual heat input

Applicable Compliance Method:

When firing fuel oil, compliance with the allowable sulfur dioxide emission limitation shall be demonstrated by documenting that the sulfur content of each shipment of oil received during a calendar month meets the limitation.

If the sulfur content of each shipment of oil received during a calendar month does not comply with the allowable emission limitation on an "as-received" basis, compliance with the allowable sulfur dioxide emission limitation shall be based upon a volume-weighted average of the calculated sulfur dioxide emission rates for all of the shipments of oil during the calendar month.

When firing natural gas, compliance with this limitation will be assumed due to the negligible percent sulfur, by weight, in the fuel.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/ Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|---|--|
|---|---|--|

Boiler #1
Natural Gas and #2 Oil Fired
60 mmBtu/hr Input

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Boiler #2 (B002)

Activity Description: See attached file: LORAPPXB.DOC

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/ Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|--|---------------------------------------|--|
| Boiler #2 Natural Gas and #2 Oil Fired 60 mmBtu/hr Input | OAC rule 3745-17-10 | 0.020 lb Particulate Emissions (PE) per mmBtu |
| | OAC rule 3745-17-07 | 20% opacity as a six-minute average, except as provided by rule |
| | OAC rule 3745-18-06(D) | 1.6 pounds of Sulfur Dioxide per mmBtu actual heat input, when burning #2 fuel oil |

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. The permittee shall burn only natural gas and /or number two fuel oil in this unit.
2. The quality of the oil burned in this emissions unit shall meet a sulfur content that is sufficient to comply with the allowable sulfur dioxide emission limitation specified in Section A.I.1 above.

III. Monitoring and/or Record Keeping Requirements

1. For each day during which the permittee burns a fuel other than natural gas and/or number two fuel oil, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.
2. For each shipment of oil received for burning in this emissions unit, the permittee shall maintain records of the total quantity of oil received, the permittee's or oil supplier's analyses for heat content and sulfur content and the calculated sulfur dioxide emission rate (in lbs/mmBtu). (The sulfur dioxide emission rate shall be calculated in accordance with the formula specified in OAC rule 3745-18-04(F).) A shipment may be comprised of multiple tank truck loads from the same supplier's batch and the quality of the oil for those loads may be represented by a single batch analysis from the supplier. Also, the permittee shall maintain monthly records of the calculated sulfur dioxide emission rate based upon a volume-weighted average of the calculated sulfur dioxide emission rates for all shipments of oil during each calendar month.
3. The permittee shall perform or require the supplier to perform the analyses for heat content and sulfur content in accordance with 40 CFR Part 60, Appendix A, Method 19, or the appropriate ASTM methods (such as, ASTM methods D240, D4294, D6010), or equivalent methods as approved by the Director.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas and/or number two fuel oil was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.
2. The permittee shall notify the Director (the Northeast District Office) in writing of any monthly record which shows a deviation of the allowable sulfur dioxide emission limitation, based upon a volume-weighted average of the calculated sulfur dioxide emission rates for all shipments of oil during the month. The notification shall include a copy of such record and shall be sent to the Director (the Northeast District Office) within 45 days after the deviation occurs.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. and the operating restrictions in Section II of these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitation:

0.020 lb Particulate Emissions (PE) per mmBtu of heat input

Applicable Compliance Method:

Multiply the particulate emissions factor of 1.9* pounds of particulate emissions per million cubic feet of natural gas combusted by the inverse of the heat content of the natural gas, in Btu per cubic foot, as supplied by the gas supplier. (Emission factor * from AP - 42, Table 1.4 -2.)

When No. 2 fuel oil is used multiply the particulate emissions factor of 2** pounds of particulate emissions per 1000 gallons of oil combusted by the inverse of the heat content of the fuel oil, in Btu per gallon, as supplied by the oil supplier. (Emission factor ** from AP - 42, Table 1.3 -2.)

1.b Emission Limitation

20% opacity as a six-minute average, except as provided by rule

Applicable Compliance Method

OAC rule 3745-17-03(B)(1), if requested.

1.c Emission limitation:

1.6 pounds of sulfur dioxide(SO_x) per mmBtu actual heat input

Applicable Compliance Method:

When firing fuel oil, compliance with the allowable sulfur dioxide emission limitation shall be demonstrated by documenting that the sulfur content of each shipment of oil received during a calendar month meets the limitation.

If the sulfur content of each shipment of oil received during a calendar month does not comply with the allowable emission limitation on an "as-received" basis, compliance with the allowable sulfur dioxide emission limitation shall be based upon a volume-weighted average of the calculated sulfur dioxide emission rates for all of the shipments of oil during the calendar month.

When firing natural gas, compliance with this limitation will be assumed due to the negligible percent sulfur, by weight, in the fuel.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/ Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|--|---|--|
| Boiler #2 Natural Gas and #2 Oil Fired 60 mmBtu/hr Input | | |

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Boiler #3 (B003)
Activity Description: See attached file: LORAPPXB.DOC

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

- The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/ Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|--|---------------------------------------|--|
| Boiler #3 Natural Gas and #2 Oil Fired 60 mmBtu/hr Input | OAC rule 3745-17-10 | 0.020 lb Particulate Emissions (PE) per mmBtu |
| | OAC rule 3745-17-07 | 20% opacity as a six-minute average, except as provided by rule |
| | OAC rule 3745-18-06(D) | 1.6 pounds of Sulfur Dioxide per mmBtu actual heat input, when burning #2 fuel oil |

2. Additional Terms and Conditions

None

II. Operational Restrictions

- The permittee shall burn only natural gas and /or number two fuel oil in this unit.
- The quality of the oil burned in this emissions unit shall meet a sulfur content that is sufficient to comply with the allowable sulfur dioxide emission limitation specified in Section A.I.1 above.

III. Monitoring and/or Record Keeping Requirements

- For each day during which the permittee burns a fuel other than natural gas and/or number two fuel oil, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.
- For each shipment of oil received for burning in this emissions unit, the permittee shall maintain records of the total quantity of oil received, the permittee's or oil supplier's analyses for heat content and sulfur content and the calculated sulfur dioxide emission rate (in lbs/mmBtu). (The sulfur dioxide emission rate shall be calculated in accordance with the formula specified in OAC rule 3745-18-04(F).) A shipment may be comprised of multiple tank truck loads from the same supplier's batch and the quality of the oil for those loads may be represented by a single batch analysis from the supplier. Also, the permittee shall maintain monthly records of the calculated sulfur dioxide emission rate based upon a volume-weighted average of the calculated sulfur dioxide emission rates for all shipments of oil during each calendar month.
- The permittee shall perform or require the supplier to perform the analyses for heat content and sulfur content in accordance with 40 CFR Part 60, Appendix A, Method 19, or the appropriate ASTM methods (such as, ASTM methods D240, D4294, D6010), or equivalent methods as approved by the Director.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas and/or number two fuel oil was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.
2. The permittee shall notify the Director (the Northeast District Office) in writing of any monthly record which shows a deviation of the allowable sulfur dioxide emission limitation, based upon a volume-weighted average of the calculated sulfur dioxide emission rates for all shipments of oil during the month. The notification shall include a copy of such record and shall be sent to the Director (the Northeast District Office) within 45 days after the deviation occurs.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. and the operating restrictions in Section II of these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitation:

0.020 lb Particulate Emissions (PE) per mmBtu of heat input

Applicable Compliance Method:

Multiply the particulate emissions factor of 1.9* pounds of particulate emissions per million cubic feet of natural gas combusted by the inverse of the heat content of the natural gas, in Btu per cubic foot, as supplied by the gas supplier. (Emission factor * from AP - 42, Table 1.4 -2)

When No. 2 fuel oil is used multiply the particulate emissions factor of 2** pounds of particulate emissions per 1000 gallons of oil combusted by the inverse of the heat content of the fuel oil, in Btu per gallon, as supplied by the oil supplier. (Emission factor ** from AP - 42, Table 1.3 -2.)

1.b Emission Limitation

20% opacity as a six-minute average, except as provided by rule

Applicable Compliance Method

OAC rule 3745-17-03(B)(1), if requested.

1.c Emission limitation:

1.6 pounds of sulfur dioxide(SO_x) per mmBtu actual heat input

Applicable Compliance Method:

When firing fuel oil, compliance with the allowable sulfur dioxide emission limitation shall be demonstrated by documenting that the sulfur content of each shipment of oil received during a calendar month meets the limitation.

If the sulfur content of each shipment of oil received during a calendar month does not comply with the allowable emission limitation on an "as-received" basis, compliance with the allowable sulfur dioxide emission limitation shall be based upon a volume-weighted average of the calculated sulfur dioxide emission rates for all of the shipments of oil during the calendar month.

When firing natural gas, compliance with this limitation will be assumed due to the negligible percent sulfur, by weight, in the fuel.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/ Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|---|--|
|---|---|--|

Boiler #3
Natural Gas and #2 Oil Fired
60 mmBtu/hr Input

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Boiler #4 (B004)

Activity Description: See attached file: LORAPPXB.DOC

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

- The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/ Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|--|---------------------------------------|--|
| Boiler #4 Natural Gas and #2 Oil Fired 84 mmBtu/hr Input | OAC rule 3745-17-10 | 0.020 lb Particulate Emissions (PE) per mmBtu |
| | OAC rule 3745-17-07 | 20% opacity as a six-minute average, except as provided by rule |
| | OAC rule 3745-18-06(D) | 1.6 pounds of Sulfur Dioxide per mmBtu actual heat input, when burning #2 fuel oil |

2. Additional Terms and Conditions

None

II. Operational Restrictions

- The permittee shall burn only natural gas and /or number two fuel oil in this unit.
- The quality of the oil burned in this emissions unit shall meet a sulfur content that is sufficient to comply with the allowable sulfur dioxide emission limitation specified in Section A.I.1 above.

III. Monitoring and/or Record Keeping Requirements

- For each day during which the permittee burns a fuel other than natural gas and/or number two fuel oil, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.
- For each shipment of oil received for burning in this emissions unit, the permittee shall maintain records of the total quantity of oil received, the permittee's or oil supplier's analyses for heat content and sulfur content and the calculated sulfur dioxide emission rate (in lbs/mmBtu). (The sulfur dioxide emission rate shall be calculated in accordance with the formula specified in OAC rule 3745-18-04(F).) A shipment may be comprised of multiple tank truck loads from the same supplier's batch and the quality of the oil for those loads may be represented by a single batch analysis from the supplier. Also, the permittee shall maintain monthly records of the calculated sulfur dioxide emission rate based upon a volume-weighted average of the calculated sulfur dioxide emission rates for all shipments of oil during each calendar month.
- The permittee shall perform or require the supplier to perform the analyses for heat content and sulfur content in accordance with 40 CFR Part 60, Appendix A, Method 19, or the appropriate ASTM methods (such as, ASTM methods D240, D4294, D6010), or equivalent methods as approved by the Director.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas and/or number two fuel oil was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.
2. The permittee shall notify the Director (the Northeast District Office) in writing of any monthly record which shows a deviation of the allowable sulfur dioxide emission limitation, based upon a volume-weighted average of the calculated sulfur dioxide emission rates for all shipments of oil during the month. The notification shall include a copy of such record and shall be sent to the Director (the Northeast District Office) within 45 days after the deviation occurs.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. and the operating restrictions in Section II of these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitation:

0.020 lb Particulate Emissions (PE) per mmBtu of heat input

Applicable Compliance Method:

Multiply the particulate emissions factor of 1.9* pounds of particulate emissions per million cubic feet of natural gas combusted by the inverse of the heat content of the natural gas, in Btu per cubic foot, as supplied by the gas supplier. (Emission factor * from AP - 42, Table 1.4 -2)

When No. 2 fuel oil is used multiply the particulate emissions factor of 2** pounds of particulate emissions per 1000 gallons of oil combusted by the inverse of the heat content of the fuel oil, in Btu per gallon, as supplied by the oil supplier. (Emission factor ** from AP - 42, Table 1.3 -2.)

1.b Emission Limitation

20% opacity as a six-minute average, except as provided by rule

Applicable Compliance Method

OAC rule 3745-17-03(B)(1), if requested.

1.c Emission limitation:

1.6 pounds of sulfur dioxide per mm Btu actual heat input

Applicable Compliance Method:

When firing fuel oil, compliance with the allowable sulfur dioxide emission limitation shall be demonstrated by documenting that the sulfur content of each shipment of oil received during a calendar month meets the limitation.

If the sulfur content of each shipment of oil received during a calendar month does not comply with the allowable emission limitation on an "as-received" basis, compliance with the allowable sulfur dioxide emission limitation shall be based upon a volume-weighted average of the calculated sulfur dioxide emission rates for all of the shipments of oil during the calendar month.

When firing natural gas, compliance with this limitation will be assumed due to the negligible percent sulfur, by weight, in the fuel.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/ Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|---|--|
| Boiler #4 Natural Gas and #2 Oil Fired 84 mm Btu/hr Input | | |

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Boiler #5 (B005)

Activity Description: See attached file: LORAPPXB.DOC

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/ Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|---------------------------------------|--|
| Boiler #5 Natural Gas and #2 Oil Fired 84 mm Btu/hr Input | OAC rule 3745-17-10 | 0.020 lb Particulate Emissions (PE) per mmBtu |
| | OAC rule 3745-17-07 | 20% opacity as a six-minute average, except as provided by rule |
| | OAC rule 3745-18-06(D) | 1.6 pounds of Sulfur Dioxide per mmBtu actual heat input, when burning #2 fuel oil |

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. The permittee shall burn only natural gas and /or number two fuel oil in this unit.
2. The quality of the oil burned in this emissions unit shall meet a sulfur content that is sufficient to comply with the allowable sulfur dioxide emission limitation specified in Section A.I.1 above.

III. Monitoring and/or Record Keeping Requirements

1. For each day during which the permittee burns a fuel other than natural gas and/or number two fuel oil, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.
2. For each shipment of oil received for burning in this emissions unit, the permittee shall maintain records of the total quantity of oil received, the permittee's or oil supplier's analyses for heat content and sulfur content and the calculated sulfur dioxide emission rate (in lbs/mmBtu). (The sulfur dioxide emission rate shall be calculated in accordance with the formula specified in OAC rule 3745-18-04(F).) A shipment may be comprised of multiple tank truck loads from the same supplier's batch and the quality of the oil for those loads may be represented by a single batch analysis from the supplier. Also, the permittee shall maintain monthly records of the calculated sulfur dioxide emission rate based upon a volume-weighted average of the calculated sulfur dioxide emission rates for all shipments of oil during each calendar month.
3. The permittee shall perform or require the supplier to perform the analyses for heat content and sulfur content in accordance with 40 CFR Part 60, Appendix A, Method 19, or the appropriate ASTM methods (such as, ASTM methods D240, D4294, D6010), or equivalent methods as approved by the Director.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas and/or number two fuel oil was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.
2. The permittee shall notify the Director (the Northeast District Office) in writing of any monthly record which shows a deviation of the allowable sulfur dioxide emission limitation, based upon a volume-weighted average of the calculated sulfur dioxide emission rates for all shipments of oil during the month. The notification shall include a copy of such record and shall be sent to the Director (the Northeast District Office) within 45 days after the deviation occurs.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. and the operating restrictions in Section II of these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitation:

0.020 lb Particulate Emissions (PE) per mmBtu of heat input

Applicable Compliance Method:

Multiply the particulate emissions factor of 1.9* pounds of particulate emissions per million cubic feet of natural gas combusted by the inverse of the heat content of the natural gas, in Btu per cubic foot, as supplied by the gas supplier. (Emission factor * from AP - 42, Table 1.4 -2)

When No. 2 fuel oil is used multiply the particulate emissions factor of 2** pounds of particulate emissions per 1000 gallons of oil combusted by the inverse of the heat content of the fuel oil, in Btu per gallon, as supplied by the oil supplier. (Emission factor ** from AP - 42, Table 1.3 -2.)

1.b Emission Limitation

20% opacity as a six-minute average, except as provided by rule

Applicable Compliance Method

OAC rule 3745-17-03(B)(1), if requested.

1.c Emission limitation:

1.6 pounds of sulfur dioxide per mmBtu actual heat input

Applicable Compliance Method:

When firing fuel oil, compliance with the allowable sulfur dioxide emission limitation shall be demonstrated by documenting that the sulfur content of each shipment of oil received during a calendar month meets the limitation.

If the sulfur content of each shipment of oil received during a calendar month does not comply with the allowable emission limitation on an "as-received" basis, compliance with the allowable sulfur dioxide emission limitation shall be based upon a volume-weighted average of the calculated sulfur dioxide emission rates for all of the shipments of oil during the calendar month.

When firing natural gas, compliance with this limitation will be assumed due to the negligible percent sulfur, by weight, in the fuel.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/ Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|---|--|
|---|---|--|

Boiler #5
Natural Gas and #2 Oil Fired
84 mm Btu/hr Input

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Gasoline Operation (Tank #15&16-Gasoline/Gasoline fill) (G002)
Activity Description: See attached file: LORAPPXA.DOC and LORAPPXB.DOC

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/ Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|---|--|
|---|---|--|

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/ Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|---|--|
|---|---|--|

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Topcoat and Primer Surfacer Systems (K002)
Activity Description: See attached file: LORAPPXB.DOC

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/ Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|---------------------------------------|--|
| Topcoat System | OAC rule 3745-21-09(C)(1)(c) | see A.I.2.a |
| Includes First Undercoat Booth and Oven, Second Undercoat Booth and Oven, First Color Booth and Oven, Second Color Booth and Oven, and Third Color Booth and Oven | OAC rule 3745-21-09(C)(1)(a)(v) | see A.I.2.b |

2. Additional Terms and Conditions

- 2.a The VOC emissions from the topcoat coating operations of this emissions unit shall not exceed 15.1 pounds VOC per gallon of solids applied(deposited), as a daily volume-weighted average.
- 2.b The VOC emissions from the antichip coatings, guidecoat, and surfacer coatings of this emissions unit shall not exceed 15.1 pounds VOC per gallon of solids applied(deposited), as a daily volume-weighted average.

II. Operational Restrictions

1. The average combustion temperatures within the Main Color Oven(North and South) thermal incinerators, and the Flash Off Area thermal incinerator, for any 3-hour block of time when the emissions unit is in operation, shall not be less than 1150 degrees Fahrenheit.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall operate and maintain continuous temperature monitors and recorders which measure and record the combustion temperature within the thermal incinerators when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitors and recorders shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.
2. The permittee shall collect and record the following information for each day for the coating line and control equipment:
 - 2.a A log of operating time for the capture system, incinerators, monitoring equipment and the associated emissions units.
 - 2.b All 3-hour blocks of time during which the average combustion temperature within the thermal incinerators, when the emissions unit was in operation, were below 1150 degrees Fahrenheit.

III. Monitoring and/or Record Keeping Requirements (continued)

3. The permittee shall maintain separate records for the topcoat operation and the guidecoat/surfacer operation that will enable, for each calendar day, the calculation of the VOC content of the coatings employed in this emissions unit in accordance with the U.S.EPA's "Protocol for Determining the Daily Volatile Organic Compound Emission Rate of Automobiles and Light-Duty Truck Topcoat Operations" (EPA-450/3-88-028, Dec.1988) and any subsequent revisions thereof. The permittee shall record each day the VOC content of the coatings employed in the topcoat operation and in the guidecoat/surfacer operation, in pounds of VOC per gallon of deposited solids.

IV. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA Northeast District Office) in writing of any daily record showing that the calculated, controlled VOC emission rates exceed(s) the applicable pounds of VOC per gallon of solids limitation for the topcoat operation and/or the guidecoat/surfacer operation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA Northeast District Office) within 45 days after the exceedance occurs.
2. The permittee shall submit temperature deviation (excursion) reports that identify all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was below 1150 degrees Fahrenheit.
3. By February 15 of each year, and in accordance with section 18 of the U.S.EPA's "Protocol for Determining the Daily Volatile Organic Compound Emission Rate of Automobiles and Light-Duty Truck Topcoat Operations" (EPA-450/3-88-028, December 1988) and any subsequent revisions thereof, the permittee shall submit to the Ohio EPA Northeast District Office a report which reviews the current operating conditions for this emissions unit and compares them to the conditions in existence at the time of the transfer efficiency tests conducted during March 1995.

If significant product, processing, material, or application equipment changes have occurred which necessitate a re-evaluation of the transfer efficiency for each operation which has been modified, the permittee shall complete the re-evaluation and submit the results to the Ohio EPA Northeast District Office within 60 days following the submission of the report.

V. Testing Requirements

1. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
 - 1.a The emission testing shall be conducted within 2 years after permit issuance and within 6 months prior to permit renewal.
 - 1.b The emission testing shall be conducted to demonstrate compliance by measuring control efficiencies for VOC for the incinerators operated in association with this emissions unit.
 - 1.c The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA Northeast District Office or local air agency.
 - 1.d The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): for VOC's, Method 24 or 24A, and Method 25 or 25A of 40 CFR Part 60, Appendix A, or any approved alternative test method.
 - 1.e The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in OAC rule 3745-21-10 or an approved alternative test protocol. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.

V. Testing Requirements (continued)

- 1.f** Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA Northeast District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA District Office's refusal to accept the results of the emission test(s).

Personnel from the appropriate Ohio EPA District Office or local air agency shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

- 2.** A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA Northeast District Office within 30 days following completion of the test(s).
- 3.** The VOC content of each coating and cleanup material used shall be based upon USEPA Method 24.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/ Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|---|--|
|---|---|--|

Topcoat System
 Includes First Undercoat Booth and Oven, Second Undercoat Booth and Oven, First Color Booth and Oven, Second Color Booth and Oven, and Third Color Booth and Oven

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Final Repair, Primer (K008)
Activity Description: See attached file: LORAPPXB.DOC

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/ Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|--|--|
| Final Repair Coating Line | OAC rule 3745-21-09(C)(1)(d) | see A.1.2.a |
| | PTI No. 02-8016 OAC rule 3745-31-05 | see A.1.2.b |

2. Additional Terms and Conditions

- 2.a The VOC content of all coatings employed in this emissions unit shall not exceed 4.8 pounds of VOC per gallon of coating, excluding water and exempt solvents. This limitation is based upon a volume weighted average of all coatings employed in the coating line in any one day.
- 2.b The total VOC emissions, including cleanup materials, from emissions units K008 (Final Repair- Primer), K018 (Final Repair -Spot #1), K019 (Final Repair -Spot #2), K020 (Final Repair -Panel #1), K021 (Final Repair -Panel #2), and K022 (Final Repair -Panel #3) combined shall not exceed 160 pounds of VOC per day.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the line:
 - 1.a The name and identification number of each coating, as applied.
 - 1.b The VOC content (excluding water and exempt solvents) and the number of gallons (excluding water and exempt solvents) of each coating, as applied.
 - 1.c The daily volume-weighted average VOC content of all coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for CVOC,2.
 - 1.d The name and identification of each cleanup material employed.
 - 1.e The number of gallons of each cleanup material employed.
 - 1.f The VOC content of each cleanup material, in pounds per gallon.

III. Monitoring and/or Record Keeping Requirements (continued)

- 1.g The total VOC emissions from all coatings and cleanup materials from this emissions unit, in pounds or tons .
- 1.h The total daily VOC emissions from all coatings and cleanup materials employed, in pounds or tons, from K008, K018, K019, K020, K021, and K022.

IV. Reporting Requirements

- 1. The permittee shall notify the Director (the Ohio EPA Northeast District Office) in writing of any daily record showing that the daily volume-weighted average VOC content exceeds the applicable limitation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA Northeast District Office) within 45 days after the exceedance occurs.
- 2. The permittee shall notify the Director (the Ohio EPA Northeast District Office) in writing of any daily record showing that the daily VOC limitation of 160 pounds of VOC/day has been exceeded. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA Northeast District Office) within 45 days after the exceedance occurs.

V. Testing Requirements

- 1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

- 1.a Emission Limitation -
4.8 lbs VOC/gallon coating excluding water and exempt solvents, as a daily volume-weighted average

Applicable Compliance Method -

OAC rule 3745-21-10(B). USEPA Method 24 shall be used to determine the VOC contents of the coatings employed. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 or 24A cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24 or 24A.

- 1.b Emission Limitation -
160 pounds of VOC per day.

Applicable Compliance Method -

Compliance shall be based upon the recordkeeping specified in Section A.III.1.

USEPA Method 24 or formulation data shall be used to determine the VOC contents of the cleanup materials.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/ Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|---|--|
| Final Repair Primer Booth | PTI No. 02-8016 OAC rule 3745-31-05 | 24 tons of VOC per year |

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

1. The permittee shall submit annual reports which specify the total VOC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section B.I. of these terms and conditions shall be determined in accordance with the following method(s):

- 1.a Emission Limitation -
24 tons of VOC per year.

Applicable Compliance Method -
Compliance shall be based upon the recordkeeping specified in Section A.III.1.

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Cathodic EDP Prime Coating System (K017)

Activity Description: See attached file: LORAPPXB.DOC

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/ Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|--|--|--|
| Elpo Dip Tank and Bake Oven Passenger Vehicle Elpo Dip System | 40 CFR Part 60, Subpart MM | See A.I.2.a |
| | PTI No. 02-7344 OAC rule 3745-31-05 | See A.I.2.b and c |
| | OAC rule 3745-21-09(C) | See A.I.2.d |

2. Additional Terms and Conditions

- 2.a The permittee shall not cause to be discharged into the atmosphere from this emissions unit VOC emissions in excess of 0.16 kilograms of VOC per liter of applied solids, or 1.33 pounds of VOC per gallon of applied solids, on the monthly volume-weighted average basis.
- 2.b The volatile organic compound (VOC) contents of the coatings employed in this emissions unit shall not exceed 0.6 pound of VOC per gallon of coating, excluding water and exempt solvents, on a daily volume-weighted average basis.
- 2.c The maximum daily emission rate for this emissions unit shall not exceed 301 pounds of VOC.
- 2.d The requirements of OAC rule 3745-21-09(C) are less stringent than the requirements of 40 CFR 60 - Subpart MM and OAC rule 3745-31-05.

II. Operational Restrictions

1. The permittee shall limit the process production time of building vehicle bodies through the Elpo Dip System to 6000 hours per year.
2. The permittee shall employ a VOC capture system that captures emissions from the Elpo Dip System. The total capture efficiency for this system shall be at least 70%, by weight, for all coatings and solvents employed.
3. The permittee shall operate a VOC incineration system at all times the Elpo Dip System is in operation. This VOC incineration system shall either have a destruction efficiency of no less than 90% of non-methane volatile organic compounds or shall meet an outlet concentration of 25 ppm, whichever is less stringent.

II. Operational Restrictions (continued)

4. The average temperature of the exhaust gases immediately before the catalyst beds in the two incinerators, for any 3-hour block of time when the emissions unit is in operation, shall not be less than 750 degrees Fahrenheit. The average temperature difference across the catalyst beds, for any 3-hour block of time when the emissions units are operating at maximum loading rates, shall not be less than 80 percent of the average temperature difference during the most recent emission test that demonstrated the emissions unit was in compliance.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall operate and maintain continuous temperature monitors and recorder(s) which measure and record(s) the temperature immediately upstream and downstream of each incinerator's catalyst bed when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitors and recorder(s) shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.
2. The permittee shall collect and record the following information for each day for the coating line:
 - 2.a The name and identification number of each material (coating, solvent, etc.) added to the dip tank .
 - 2.b The VOC content, in pounds VOC per gallon, excluding water and exempt solvents, of each material added to the dip tank.
 - 2.c The volume, in gallons (excluding water and exempt solvents), of each material added to the dip tank.
 - 2.d The daily, uncontrolled, volume-weighted average VOC content of the materials added to the dip tank, in pounds VOC per gallon (excluding water and exempt solvents).
 - 2.e The calculated, controlled VOC emission rate, in pounds of VOC per gallon of coating, excluding water and exempt solvents. The controlled VOC emission rate shall be calculated using (i) the daily volume-weighted average VOC content and (ii) the overall control efficiency for the control equipment as determined during the most recent emission test that demonstrated that the emissions unit was in compliance.
 - 2.f The total uncontrolled VOC emissions from all the materials added to the dip tank.
 - 2.g The calculated, controlled VOC emissions from all the materials added to the dip tank, in pounds. The controlled VOC emission rate shall be calculated using (i) the total VOC emissions from 2.f above and (ii) the overall control efficiency for the control equipment as determined during the most recent emission test that demonstrated that the emissions unit was in compliance.
 - 2.h A log or record of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.
 - 2.i All 3-hour blocks of time (when the emissions unit was in operation) during which the average temperature of the exhaust gases immediately before the catalyst beds was more than 50 degrees Fahrenheit below the average temperature of the exhaust gases during the most recent performance test that demonstrated the emissions unit was in compliance.
 - 2.j All 3-hour blocks of time (when the emissions unit is in operation at maximum loading rate) during which the average temperature difference across the catalyst beds was less than 80 percent of the average temperature difference during the most recent performance test that demonstrated the emissions unit was in compliance.
3. The permittee shall maintain monthly records of the total hours of process uptime of building vehicle bodies through the Elpo Dip System.
4. The permittee shall collect and record the following information for each month for the coating line:
 - 4.a The name and identification number of each coating material added to the dip tank .
 - 4.b The VOC content, in pounds of VOC per gallon of solids, of each material added to the dip tank.

III. Monitoring and/or Record Keeping Requirements (continued)

- 4.c** The volume, in gallons and the solids content, in gallon of solids per gallon, of each material employed.
- 4.d** The monthly volume-weighted average VOC content of the materials added to the dip tank, in pounds VOC per gallon solids.
- 4.e** The calculated, controlled VOC emission rate, in pounds of VOC per gallon of coating solids. The controlled VOC emission rate shall be calculated using (i) the monthly volume-weighted VOC content and (ii) the overall control efficiency for the control equipment as determined during the most recent emission test that demonstrated that the emissions unit was in compliance.

IV. Reporting Requirements

- 1.** The permittee shall notify the Director (the Ohio EPA Northeast District Office) in writing of any monthly record showing that the calculated, controlled VOC emission rate exceeds the applicable pounds of VOC per gallon of solids limitation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA Northeast District Office) within 45 days after the exceedance occurs.
- 2.** The permittee shall notify the Director (the Ohio EPA Northeast District Office) in writing of any daily record showing that the maximum daily emission rate of 301 pounds of VOC has been exceeded. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA Northeast District Office) within 45 days after the exceedance occurs.
- 3.** The permittee shall notify the Director (the Ohio EPA Northeast District Office) in writing of any daily record showing that the daily volume-weighted average VOC content exceeds the applicable limitation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA Northeast District Office) within 45 days after the exceedance occurs.
- 4.** The permittee shall submit quarterly temperature deviation (excursion) reports that identify all 3-hour blocks of time when the emissions unit was in operation during which the average temperature of the exhaust gases immediately before the catalyst beds does not comply with the temperature limitation specified above.
- 5.** The permittee shall submit quarterly temperature deviation (excursion) reports that identify all 3-hour blocks of time (when the emissions units were in operation at maximum loading rate) during which the average temperature difference across the catalyst beds was less than 80 percent of the average temperature difference of the beds during the most recent performance test that demonstrated the emissions unit was in compliance.
- 6.** The permittee shall submit annual reports which identify any exceedances of the annual operating hours limitation, as well as the corrective actions that were taken to achieve compliance. These reports shall be submitted by January 31 of each year.

V. Testing Requirements

- 1.** The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
 - 1.a** The emission testing shall be conducted within 2 years after permit issuance and within 6 months prior to permit renewal.
 - 1.b** The emission testing shall be conducted to demonstrate compliance with the VOC capture efficiency and control efficiency requirements specified in Section A.II.
 - 1.c** The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA Northeast District Office or local air agency.

V. Testing Requirements (continued)

- 1.d** The capture efficiency shall be determined using Methods 204 through 204F, as specified in 40 CFR Part 51, Appendix M, or the permittee may request to use an alternative method or procedure for the determination of capture efficiency in accordance with the USEPA's "Guidelines for Determining Capture Efficiency," dated January 9, 1995. (The Ohio EPA will consider the request, including an evaluation of the applicability, necessity, and validity of the alternative, and may approve the use of the alternative if such approval does not contravene any other applicable requirement.)
- 1.e** The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in OAC rule 3745-21-10 or an approved alternative test protocol. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.
- 1.f** Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the appropriate Ohio EPA District Office or local air agency. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA District Office's or local air agency's refusal to accept the results of the emission test(s).

Personnel from the appropriate Ohio EPA District Office or local air agency shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

- 2.** A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA Northeast District Office within 30 days following completion of the test(s).
- 3.** Emission Limitation -
301 pounds of VOC per day
- Applicable Compliance Method -
Compliance shall be based upon the recordkeeping specified in Section A.III.2.
- 4.** Emission Limitation-
0.6 pounds VOC per gallon of coating, excluding water and exempt solvent, on a daily volume-weighted average, and 1.33 pounds of VOC per gallon of applied solids.
- Applicable Compliance Method -
Compliance shall be based upon the recordkeeping specified in Section A.III.2.
- 5.** The VOC content of each coating and cleanup material used shall be based upon formulation data or USEPA Method 24 .

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/ Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|--|---|--|
| Elpo Dip Tank and Bake Oven Passenger Vehicle Elpo System | PTI No. 02-7344 OAC rule 3745-31-05 | 45.2 tons per year of VOC |

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

1. The permittee shall submit annual reports which specify the total VOC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section B.I. of these terms and conditions shall be determined in accordance with the following method(s):

- 1.a Emission Limitation -
45.2 tons of VOC per year.

Applicable Compliance Method -
Compliance shall be based upon the recordkeeping specified in Section A.III.2.

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Final Repair, Spot #1 (K018)

Activity Description: See attached file: LORAPPXB.DOC

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/ Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|---|--|
| Final Process Spot Repair Booth Spot #1 | OAC rule 3745-21-09(C)(1)(d) | see A.1.2.a |
| | PTI No. 02-8016 OAC rule 3745-31-05 | see A.1.2.b |

2. Additional Terms and Conditions

- 2.a The VOC content of all coatings employed in this emissions unit shall not exceed 4.8 pounds of VOC per gallon of coating, excluding water and exempt solvents. This limitation is based upon a volume weighted average of all coatings employed in the coating line in any one day.
- 2.b The total VOC emissions, including cleanup materials, from emissions units K008 (Final Repair- Primer), K018 (Final Repair -Spot #1), K019 (Final Repair -Spot #2), K020 (Final Repair -Panel #1), K021 (Final Repair -Panel #2), and K022 (Final Repair -Panel #3) combined shall not exceed 160 pounds of VOC per day.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the line:
 - 1.a The name and identification number of each coating, as applied.
 - 1.b The VOC content (excluding water and exempt solvents) and the number of gallons (excluding water and exempt solvents) of each coating, as applied.
 - 1.c The daily volume-weighted average VOC content of all coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for CVOC,2.
 - 1.d The name and identification of each cleanup material employed.
 - 1.e The number of gallons of each cleanup material employed.
 - 1.f The VOC content of each cleanup material, in pounds per gallon.

III. Monitoring and/or Record Keeping Requirements (continued)

- 1.g** The total VOC emissions from all coatings and cleanup materials from this emissions unit, in pounds or tons .
- 1.h** The total daily VOC emissions from all coatings and cleanup materials employed, in pounds or tons, from K008, K018, K019, K020, K021, and K022.

IV. Reporting Requirements

- 1.** The permittee shall notify the Director (the Ohio EPA Northeast District Office) in writing of any daily record showing that the daily volume-weighted average VOC content exceeds the applicable limitation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA Northeast District Office) within 45 days after the exceedance occurs.
- 2.** The permittee shall notify the Director (the Ohio EPA Northeast District Office) in writing of any daily record showing that the daily VOC limitation of 160 pounds of VOC/day has been exceeded. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA Northeast District Office) within 45 days after the exceedance occurs.

V. Testing Requirements

- 1.** Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

- 1.a** Emission Limitation -
4.8 lbs VOC/gallon coating excluding water and exempt solvents, as a daily volume-weighted average

Applicable Compliance Method -

OAC rule 3745-21-10(B). USEPA Method 24 shall be used to determine the VOC contents of the coatings employed. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 or 24A cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24 or 24A.

- 1.b** Emission Limitation -
160 pounds of VOC per day.

Applicable Compliance Method -

Compliance shall be based upon the recordkeeping specified in Section A.III.1.

USEPA Method 24 or formulation data shall be used to determine the VOC contents of the cleanup materials.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/ Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|---|--|
| Final Process Spot Repair Booth Spot #1 | PTI No. 02-8016 OAC rule 3745-31-05 | 24 tons of VOC per year |

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

1. The permittee shall submit annual reports which specify the total VOC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section B.I. of these terms and conditions shall be determined in accordance with the following method(s):

- 1.a Emission Limitation -
24 tons of VOC per year.

Applicable Compliance Method -
Compliance shall be based upon the recordkeeping specified in Section A.III.1.

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Final Repair, Spot #2 (K019)

Activity Description: See attached file: LORAPPXB.DOC

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/ Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|---|--|
| Final Process Spot Repair Booth Spot #2 | OAC rule 3745-21-09(C)(1)(d) | see A.1.2.a |
| | PTI No. 02-8016 OAC rule 3745-31-05 | see A.1.2.b |

2. Additional Terms and Conditions

- 2.a The VOC content of all coatings employed in this emissions unit shall not exceed 4.8 pounds of VOC per gallon of coating, excluding water and exempt solvents. This limitation is based upon a volume weighted average of all coatings employed in the coating line in any one day.
- 2.b The total VOC emissions, including cleanup materials, from emissions units K008 (Final Repair- Primer), K018 (Final Repair -Spot #1), K019 (Final Repair -Spot #2), K020 (Final Repair -Panel #1), K021 (Final Repair -Panel #2), and K022 (Final Repair -Panel #3) combined shall not exceed 160 pounds of VOC per day.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the line:
 - 1.a The name and identification number of each coating, as applied.
 - 1.b The VOC content (excluding water and exempt solvents) and the number of gallons (excluding water and exempt solvents) of each coating, as applied.
 - 1.c The daily volume-weighted average VOC content of all coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for CVOC,2.
 - 1.d The name and identification of each cleanup material employed.
 - 1.e The number of gallons of each cleanup material employed.
 - 1.f The VOC content of each cleanup material, in pounds per gallon.

III. Monitoring and/or Record Keeping Requirements (continued)

- 1.g** The total VOC emissions from all coatings and cleanup materials from this emissions unit, in pounds or tons .
- 1.h** The total daily VOC emissions from all coatings and cleanup materials employed, in pounds or tons, from K008, K018, K019, K020, K021, and K022.

IV. Reporting Requirements

- 1.** The permittee shall notify the Director (the Ohio EPA Northeast District Office) in writing of any daily record showing that the daily volume-weighted average VOC content exceeds the applicable limitation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA Northeast District Office) within 45 days after the exceedance occurs.
- 2.** The permittee shall notify the Director (the Ohio EPA Northeast District Office) in writing of any daily record showing that the daily VOC limitation of 160 pounds of VOC/day has been exceeded. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA Northeast District Office) within 45 days after the exceedance occurs.

V. Testing Requirements

- 1.** Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

- 1.a** Emission Limitation -
4.8 lbs VOC/gallon coating excluding water and exempt solvents, as a daily volume-weighted average

Applicable Compliance Method -

OAC rule 3745-21-10(B). USEPA Method 24 shall be used to determine the VOC contents of the coatings employed. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 or 24A cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24 or 24A.

- 1.b** Emission Limitation -
160 pounds of VOC per day.

Applicable Compliance Method -

Compliance shall be based upon the recordkeeping specified in Section A.III.1.

USEPA Method 24 or formulation data shall be used to determine the VOC contents of the cleanup materials.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/ Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|---|--|
| Final Process Spot Repair Booth Spot #2 | PTI No. 02-8016 OAC rule 3745-31-05 | 24 tons of VOC per year |

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

1. The permittee shall submit annual reports which specify the total VOC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section B.I. of these terms and conditions shall be determined in accordance with the following method(s):

- 1.a Emission Limitation -
24 tons of VOC per year.

Applicable Compliance Method -
Compliance shall be based upon the recordkeeping specified in Section A.III.1.

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Final Repair, Panel #1 (K020)
Activity Description: See attached file: LORAPPXB.DOC

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/ Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|--|--|
| Final Process Spot Repair Booth Panel #1 | OAC rule 3745-21-09(C)(1)(d) | see A.1.2.a |
| | PTI No. 02-8016 OAC rule 3745-31-05 | see A.1.2.b |

2. Additional Terms and Conditions

- 2.a The VOC content of all coatings employed in this emissions unit shall not exceed 4.8 pounds of VOC per gallon of coating, excluding water and exempt solvents. This limitation is based upon a volume weighted average of all coatings employed in the coating line in any one day.
- 2.b The total VOC emissions, including cleanup materials, from emissions units K008 (Final Repair- Primer), K018 (Final Repair -Spot #1), K019 (Final Repair -Spot #2), K020 (Final Repair -Panel #1), K021 (Final Repair -Panel #2), and K022 (Final Repair -Panel #3) combined shall not exceed 160 pounds of VOC per day.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the line:
 - 1.a The name and identification number of each coating, as applied.
 - 1.b The VOC content (excluding water and exempt solvents) and the number of gallons (excluding water and exempt solvents) of each coating, as applied.
 - 1.c The daily volume-weighted average VOC content of all coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for CVOC,2.
 - 1.d The name and identification of each cleanup material employed.
 - 1.e The number of gallons of each cleanup material employed.
 - 1.f The VOC content of each cleanup material, in pounds per gallon.

III. Monitoring and/or Record Keeping Requirements (continued)

- 1.g** The total VOC emissions from all coatings and cleanup materials from this emissions unit, in pounds or tons .
- 1.h** The total daily VOC emissions from all coatings and cleanup materials employed, in pounds or tons, from K008, K018, K019, K020, K021, and K022.

IV. Reporting Requirements

- 1.** The permittee shall notify the Director (the Ohio EPA Northeast District Office) in writing of any daily record showing that the daily volume-weighted average VOC content exceeds the applicable limitation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA Northeast District Office) within 45 days after the exceedance occurs.
- 2.** The permittee shall notify the Director (the Ohio EPA Northeast District Office) in writing of any daily record showing that the daily VOC limitation of 160 pounds of VOC/day has been exceeded. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA Northeast District Office) within 45 days after the exceedance occurs.

V. Testing Requirements

- 1.** Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

- 1.a** Emission Limitation -
4.8 lbs VOC/gallon coating excluding water and exempt solvents, as a daily volume-weighted average

Applicable Compliance Method -

OAC rule 3745-21-10(B). USEPA Method 24 shall be used to determine the VOC contents of the coatings employed. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 or 24A cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24 or 24A.

- 1.b** Emission Limitation -
160 pounds of VOC per day.

Applicable Compliance Method -

Compliance shall be based upon the recordkeeping specified in Section A.III.1.

USEPA Method 24 or formulation data shall be used to determine the VOC contents of the cleanup materials.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/ Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|---|--|
| Final Process Spot Repair Booth Panel #1 | PTI No. 02-8016 OAC rule 3745-31-05 | 24 tons of VOC per year |

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

1. The permittee shall submit annual reports which specify the total VOC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section B.I. of these terms and conditions shall be determined in accordance with the following method(s):
 - 1.a Emission Limitation -
24 tons of VOC per year.

Applicable Compliance Method -
Compliance shall be based upon the recordkeeping specified in Section A.III.1.

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Final Repair, Panel #2 (K021)

Activity Description: See attached file: LORAPPXB.DOC

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/ Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|---|--|
| Final Process Spot Repair Booth Panel #2 | OAC rule 3745-21-09(C)(1)(d) | see A.1.2.a |
| | PTI No. 02-8016 OAC rule 3745-31-05 | see A.1.2.b |

2. Additional Terms and Conditions

- 2.a The VOC content of all coatings employed in this emissions unit shall not exceed 4.8 pounds of VOC per gallon of coating, excluding water and exempt solvents. This limitation is based upon a volume weighted average of all coatings employed in the coating line in any one day.
- 2.b The total VOC emissions, including cleanup materials, from emissions units K008 (Final Repair- Primer), K018 (Final Repair -Spot #1), K019 (Final Repair -Spot #2), K020 (Final Repair -Panel #1), K021 (Final Repair -Panel #2), and K022 (Final Repair -Panel #3) combined shall not exceed 160 pounds of VOC per day.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the line:
 - 1.a The name and identification number of each coating, as applied.
 - 1.b The VOC content (excluding water and exempt solvents) and the number of gallons (excluding water and exempt solvents) of each coating, as applied.
 - 1.c The daily volume-weighted average VOC content of all coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for CVOC,2.
 - 1.d The name and identification of each cleanup material employed.
 - 1.e The number of gallons of each cleanup material employed.
 - 1.f The VOC content of each cleanup material, in pounds per gallon.

III. Monitoring and/or Record Keeping Requirements (continued)

- 1.g The total VOC emissions from all coatings and cleanup materials from this emissions unit, in pounds or tons .
- 1.h The total daily VOC emissions from all coatings and cleanup materials employed, in pounds or tons, from K008, K018, K019, K020, K021, and K022.

IV. Reporting Requirements

- 1. The permittee shall notify the Director (the Ohio EPA Northeast District Office) in writing of any daily record showing that the daily volume-weighted average VOC content exceeds the applicable limitation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA Northeast District Office) within 45 days after the exceedance occurs.
- 2. The permittee shall notify the Director (the Ohio EPA Northeast District Office) in writing of any daily record showing that the daily VOC limitation of 160 pounds of VOC/day has been exceeded. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA Northeast District Office) within 45 days after the exceedance occurs.

V. Testing Requirements

- 1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

- 1.a Emission Limitation -
4.8 lbs VOC/gallon coating excluding water and exempt solvents, as a daily volume-weighted average

Applicable Compliance Method -

OAC rule 3745-21-10(B). USEPA Method 24 shall be used to determine the VOC contents of the coatings employed. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 or 24A cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24 or 24A.

- 1.b Emission Limitation -
160 pounds of VOC per day.

Applicable Compliance Method -

Compliance shall be based upon the recordkeeping specified in Section A.III.1.

USEPA Method 24 or formulation data shall be used to determine the VOC contents of the cleanup materials.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/ Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|---|--|
| Final Process Spot Repair Booth Panel #2 | PTI No. 02-8016 OAC rule 3745-31-05 | 24 tons of VOC per year |

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

1. The permittee shall submit annual reports which specify the total VOC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section B.I. of these terms and conditions shall be determined in accordance with the following method(s):
 - 1.a Emission Limitation -
24 tons of VOC per year.

Applicable Compliance Method -
Compliance shall be based upon the recordkeeping specified in Section A.III.1.

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Final Repair, Panel #3 (K022)

Activity Description: See attached file: LORAPPXB.DOC

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/ Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|---|--|
| Final Process Spot Repair Booth Panel #3 | OAC rule 3745-21-09(C)(1)(d) | see A.1.2.a |
| | PTI No. 02-8016 OAC rule 3745-31-05 | see A.1.2.b |

2. Additional Terms and Conditions

- 2.a The VOC content of all coatings employed in this emissions unit shall not exceed 4.8 pounds of VOC per gallon of coating, excluding water and exempt solvents. This limitation is based upon a volume weighted average of all coatings employed in the coating line in any one day.
- 2.b The total VOC emissions, including cleanup materials, from emissions units K008 (Final Repair- Primer), K018 (Final Repair -Spot #1), K019 (Final Repair -Spot #2), K020 (Final Repair -Panel #1), K021 (Final Repair -Panel #2), and K022 (Final Repair -Panel #3) combined shall not exceed 160 pounds of VOC per day.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the line:
 - 1.a The name and identification number of each coating, as applied.
 - 1.b The VOC content (excluding water and exempt solvents) and the number of gallons (excluding water and exempt solvents) of each coating, as applied.
 - 1.c The daily volume-weighted average VOC content of all coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for CVOC,2.
 - 1.d The name and identification of each cleanup material employed.
 - 1.e The number of gallons of each cleanup material employed.
 - 1.f The VOC content of each cleanup material, in pounds per gallon.

III. Monitoring and/or Record Keeping Requirements (continued)

- 1.g The total VOC emissions from all coatings and cleanup materials from this emissions unit, in pounds or tons .
- 1.h The total daily VOC emissions from all coatings and cleanup materials employed, in pounds or tons, from K008, K018, K019, K020, K021, and K022.

IV. Reporting Requirements

- 1. The permittee shall notify the Director (the Ohio EPA Northeast District Office) in writing of any daily record showing that the daily volume-weighted average VOC content exceeds the applicable limitation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA Northeast District Office) within 45 days after the exceedance occurs.
- 2. The permittee shall notify the Director (the Ohio EPA Northeast District Office) in writing of any daily record showing that the daily VOC limitation of 160 pounds of VOC/day has been exceeded. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA Northeast District Office) within 45 days after the exceedance occurs.

V. Testing Requirements

- 1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

- 1.a Emission Limitation -
4.8 lbs VOC/gallon coating excluding water and exempt solvents, as a daily volume-weighted average

Applicable Compliance Method -

OAC rule 3745-21-10(B). USEPA Method 24 shall be used to determine the VOC contents of the coatings employed. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 or 24A cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24 or 24A.

- 1.b Emission Limitation -
160 pounds of VOC per day.

Applicable Compliance Method -

Compliance shall be based upon the recordkeeping specified in Section A.III.1.

USEPA Method 24 or formulation data shall be used to determine the VOC contents of the cleanup materials.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/ Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|---|--|
| Final Process Spot Repair Booth Panel #3 | PTI No. 02-8016 OAC rule 3745-31-05 | 24 tons of VOC per year |

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

1. The permittee shall submit annual reports which specify the total VOC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section B.I. of these terms and conditions shall be determined in accordance with the following method(s):
 - 1.a Emission Limitation -
24 tons of VOC per year.

Applicable Compliance Method -
Compliance shall be based upon the recordkeeping specified in Section A.III.1.

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Solvent Pre-Wipe Booth (L002)

Activity Description: See attached file: LORAPPXB.DOC

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/ Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|---|--|
| Solvent Pre-Wipe Booth | PTI No. 02-6295 OAC rule 3745-31-05 OAC rule 3745-21-07(G)(2) | See A.I.2.a. The VOC emissions from this emissions unit shall not exceed 8 pounds per hour and 40 pounds per day. |

2. Additional Terms and Conditions

- 2.a The emissions from this emissions unit shall not exceed 170 pounds of VOC per day.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the line:
 - 1.a The name and identification of each cleanup or wipe material employed.
 - 1.b The number of gallons of each cleanup or wipe material employed.
 - 1.c The VOC content of each cleanup or wipe material, in pounds per gallon.
 - 1.d The total VOC emissions from all cleanup or wipe materials, in pounds or tons .
 - 1.e The total number of hours the emissions unit is operated.
 - 1.f The average hourly VOC emissions from this emissions unit, i.e., d/e.

IV. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA Northeast District Office) in writing of any daily record showing that the daily VOC limitation listed above has been exceeded. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA Northeast District Office) within 45 days after the exceedance occurs.

IV. Reporting Requirements (continued)

2. The permittee shall submit deviation (excursion) reports which include the following information:
 - a. An identification of each day during which the average hourly organic compound emissions from the coatings and cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day.
 - b. An identification of each day during which the organic compound emissions from the coatings and cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):
 - 1.a Emission Limitation -
170 pounds of VOC per day.

Applicable Compliance Method -
Compliance shall be based upon the recordkeeping specified in Section A.III.1.
 - 1.b The VOC content of each wipe or cleanup material shall be based upon the use of USEPA Method 24.
 - 1.c Emission Limitation - 8 pounds per hour and 40 pounds of VOC per day.

Applicable Compliance Method -
Compliance shall be based upon the record keeping specified in Section A.III.1.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/ Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|---|--|
| Solvent Pre-Wipe Booth | PTI No. 02-6295 OAC rule 3745-31-05 | 31 tons of VOC per year |

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

1. The permittee shall submit annual reports which specify the total VOC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section B.I. of these terms and conditions shall be determined in accordance with the following method(s):

- 1.a Emission Limitation -
31 tons of VOC per year.

Applicable Compliance Method -
Compliance shall be based upon the recordkeeping specified in Section A.III.1.

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Deadner (R017)
Activity Description: See attached file: LORAPPXB.DOC

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/ Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|---|--|
| Deadener Spray Booth | OAC rule 3745-21-09(U)(1)(d) | See A.I.2.a. |

2. Additional Terms and Conditions

- 2.a The VOC content of all coatings employed in this emissions unit shall not exceed 3.5 pounds of VOC per gallon of coating, excluding water and exempt solvents.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for the line:
 - 1.a The name and identification number of each coating, as applied.
 - 1.b The VOC content of each coating (excluding water and exempt solvents), as applied.

IV. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA Northeast District Office) in writing of any monthly record showing the use of noncomplying coatings. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA Northeast District Office) within 30 days following the end of the calendar month.

V. Testing Requirements

1. The VOC content of each coating and cleanup material used shall be based upon the use of formulation data or USEPA Method 24.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/ Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|---|--|
|---|---|--|

Deadner Spray Booth

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Sealers/Adhesives (R018)

Activity Description: See attached file: LORAPPXB.DOC

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/ Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|---|--|
|---|---|--|

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/ Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|---|--|
|---|---|--|

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Facility Name:
Facility ID:
Emissions Unit:

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