



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

04/25/01

CERTIFIED MAIL

RE: Proposed Title V Chapter 3745-77 permit

14-09-00-0340

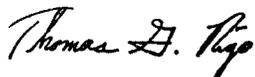
Mar-Hyde Corporation

Attn: Genevieve Damico AR-18J
United States Environmental Protection Agency
Region V
77 West Jackson Blvd.
Chicago, IL 60604-3590

Dear Ms. Damico:

The proposed issuance of the Title V permit for Mar-Hyde Corporation, has been created in Ohio EPA's State Air Resources System (STARS) on 04/25/01, for review by USEPA. This proposed action is identified in STARS as  3-Title V Proposed Permit T+C covering the facility specific terms and conditions, and  Title V Proposed Permit covering the general terms and conditions. This proposed permit will be processed for issuance as a final action after forty-five (45) days from USEPA's receipt of this certified letter if USEPA does not object to the proposed permit. Please contact Mike Ahern, DAPC Permit Management Unit supervisor at (614) 644-3631 by the end of the forty-five (45) day review period if you wish to object to the proposed permit.

Very truly yours,



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

cc: Hamilton County Dept. of Environmental Services
Becky Castle, DAPC PMU

Ohio EPA

State of Ohio Environmental Protection Agency

PROPOSED TITLE V PERMIT

Date: 04/25/01

Effective Date: **To be entered upon final issuance**

Expiration Date: **To be entered upon final issuance**

This document constitutes issuance to:

Mar-Hyde Corporation
4677 Devitt Drive
Cincinnati, OH 45246

of a Title V permit for Facility ID: 14-09-00-0340

Emissions Unit ID (Company ID)/
Emissions Unit Activity Description:

K001 (Demonstration Paint Booth)
Paint Booth used for demonstrations.

P001 (Paint Stripper Manufacturing)
two 1200 gallon paint stripper manufacturing tanks with mixers

P002 (Paint Mixer #1)
Paint Manufacturing at mixer #1. Includes sandmill.

P003 (Paint Mixer #2)
Paint Manufacturing at Mixer #2. Includes sandmill.

P004 (Paint Mixer #3)
Paint Manufacturing at Mixer #3. Includes sandmill.

P005 (Primer Pre-Mix)
Primer pre-mix manufacturing. Includes sandmill.

P006 (Primer Post-Mix)
Primer post-mix manufacturing. Includes sandmill.

P007 (Wax Melting Tank)
Wax melting tank for wax intermediate. Batch tank.

P008 (Aerosol Can Filling #1)
Aerosol can filling operation.

P009 (Solvent Filling)
Filling containers with solvents.

P011 (Aerosol Mixer#1)
Letdown of aerosol paint with solvents.

P012 (Aerosol Mixer #2)
Letdown of aerosol paint with solvents.

P013 (Aerosol Mixer #3)
Letdown of aerosol paint with solvents.

P014 (Aerosol Can Filling #2)
Filling containers with aerosol paints.

P015 (Blenders for Clearcoat production)
Various small mixers used for clearcoat and hardener production. Non-pigmented batch blending. Note: OEPA has assigned P014 to this source and aerosol line #2. This needs to be corrected. Assigned this source P015 to differentiate.

P017 (Paint Mixer #4)
Mixer used for paint production. Note: originally permitted under general permits P002-P004. Permit-to-install application being processed to separate P002, P003 and P004 into separate permits and add P016..

P020 (Facility Organic Solvent Cleanup)
Facility Wide Solvent Cleanup

T009 (Underground Storage Tank #2)
15000 gallon underground storage tank containing methylene chloride.

T016 (Underground Storage Tank #1)
15000 gallon underground storage tank containing methylene chloride. NOTE: OEPA has assigned source #T008 to this source and to the asphalt tank. This needs to be corrected.

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:

Hamilton County Dept. of Environmental Services
250 William Howard Taft Rd
Cincinnati, OH 45219-2660
(513) 946-7777

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 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.8 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 the permittee is required to 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"), the permittee shall comply with the requirement to register such a 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 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. Insignificant Activity

Each insignificant activity that has one or more applicable requirements shall comply with those applicable requirements.

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 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 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. Records Retention Requirements

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, but not be limited to, 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.

4. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. 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 verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

5. 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).

6. 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.

7. 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.

8. 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 Enforcable Section

None

B. State Only Enforceable Section

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

B001 asphalt tank heater;
P010 primer filling operation;
T008 underground asphalt storage tank;
T010 Underground Storage Tank #3 containing mineral spirits;
T011 Underground Storage Tank #4 containing toluene;
T012 Underground Storage Tank #5 containing methyl ethyl ketone;
T013 Underground Storage Tank #6 containing acetone;
T014 Underground Storage Tank #7 containing #10 lacquer thinner mixture;
T015 Underground Storage Tank #8 containing #10 lacquer thinner mixture;
Z001 filling operations; and
Z002 fill operations for strippers.

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: Demonstration Paint Booth (K001)
Activity Description: Paint Booth used for demonstrations.

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>
metal parts paint spray booth	OAC rule 3745-31-05(A)(3) (PTI 14-2936) OAC rule 3745-21-09(U)(2)(f)(ii)	33.2 lbs/day of VOC 0.2 TPY of VOC The emission limitations established by this rule are same as those established by OAC rule 3745-31-05 (BAT).

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each day the spray booth is in operation:
 - a. the company identification for each coating and cleanup material employed;
 - b. the number of gallons of each coating and cleanup material employed;
 - c. the volatile organic compound content of each coating and cleanup material, as applied, in pounds per gallon; and
 - d. the total volatile organic compound emission rate for all coatings and cleanup materials, in pounds per day (the summation of line b multiplied by line c for all coatings and cleanup materials employed).
2. The permittee shall collect and record the total monthly volatile organic compound emission rate for all coatings and cleanup materials employed (the summation of line A.III.1.d. for each day during the month the spray booth was in operation).

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports for any record demonstrating an exceedence of the daily emission limitation specified in A.I.1.

IV. Reporting Requirements (continued)

2. The quarterly deviation reports shall be submitted in accordance with General Term and Condition A.I.c.ii of this permit.
3. The permittee shall submit annual reports detailing the total organic compound emissions from this emission unit. The reports shall be submitted by January 31 of each year and cover the previous years operation.

V. Testing Requirements

1. OAC rule 3745-21-10(B). USEPA method 24 shall be used to determine the VOC content for coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 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 or ink to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.
2. Compliance with the VOC emission limits in Section A.I.1. shall be demonstrated by the record keeping in Section A.III.

Should stack testing be required to demonstrate compliance with the daily emission limitation listed in A.I.1, Methods 1-4, and 25 of 40 CFR Part 60, Appendix A shall be used.

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>
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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: Paint Stripper Manufacturing (P001)
Activity Description: two 1200 gallon paint stripper manufacturing tanks with mixers

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>
two paint stripper manufacturing tanks with mixers	OAC rule 3745-31-05(A)(3) (PTI 14-720) OAC rule 3745-21-07(G)(2)	9.38 TPY of OC See A.I.2.a and A.II.1 See A.II.2

2. Additional Terms and Conditions

- 2.a The permittee shall use tight fitting covers on the paint stripper manufacturing tanks.

II. Operational Restrictions

1. The maximum amount of paint stripper produced shall not exceed 1,250,000 pounds per year.
2. The use of any photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5), is prohibited in this emissions unit.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month:
 - a. The total combined amount of stripper produced (solids plus organic solvents) for all batches produced during the month, in pounds.
 - b. The year-to-date production totals (the summation of the production totals recorded in line a. for each month the emission unit was in operation).
 - c. The total combined amount of all organic compounds employed during the month for all batches of stripper produced, in pounds.
 - d. The year-to-date organic compound production totals (the summation of the production totals recorded in line c. for each month the emission unit was in operation).
 - e. The company identification of each liquid organic material employed in this emissions unit.
 - f. A record of each liquid organic material employed in this emissions unit indicating, whether or not the liquid organic material is photochemically reactive as defined in OAC rule 3745-21-01(C)(5).
 - g. The total monthly OC emissions from all batches produced, calculated by using the following equation:

Monthly OC emissions = The organic compound totals recorded in line c. * 1.5% (Emission factor taken from AP-42, Section 6.4, Paint and Varnish Manufacturing 5/83).
 - h. The year-to-date organic compound emission totals (the summation of the emission totals recorded in line g for each month the emission unit was in operation).

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports for any monthly record which shows an exceedance of the production limitation specified in section A.II. of this permit.
2. The permittee shall submit annual reports which list the total amount of stripper produced and the total OC emissions from this emissions unit. These reports shall be submitted by January 31 of each year and cover the previous calendar year.
3. The permittee shall notify the Hamilton County Department of Environmental Services in writing identifying each day during which any photochemically reactive material (as defined in OAC rule 3745-21-01(C)(5) was employed in this emissions unit. This report shall identify the cause for the use of the photochemically reactive material(s) and the estimated total quantity of material(s) emitted each such day. This report shall be submitted to the Hamilton County Department of Environmental Services within 45 days after the exceedance occurs.
4. The quarterly deviation reports shall be submitted in accordance with General Term and Condition A.I.c.ii of this permit.

V. Testing Requirements

1. Compliance with the production limitation in section A.II.1 and the emission limitation in section A.I.1 shall be determined by the record keeping in section A.III.1

Should stack testing be required to demonstrate compliance with the organic compound emission limitation(s), Methods 1-4 and 25 of 40 CFR Part 60, Appendix A shall be used.
2. Compliance with the operational restriction in section A.II.2 shall be determined by the record keeping 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>
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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: Paint Mixer #1 (P002)

Activity Description: Paint Manufacturing at mixer #1. Includes sandmill.

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>
paint mixer - Mixer #1	OAC rule 3745-31-05(A)(3) (PTI 14-3985)	8 lbs OC/hr 40 lbs OC/day 7.3 TPY OC 50 lbs PM - PM10/day 0.5 TPY PM-PM10. See terms A.II.1 and A.II.2. The requirements of this rule also include compliance with the requirements of OAC rule(s) 3745-17-07(B), 3745-17-08(B), and 3745-21-07(G)(2).
	OAC rule 3745-21-07(G)(2)	The emission limitations and control measures established in OAC rule 3745-21-07(G) are same as or less stringent than those established under OAC rule 3745-31-05(A).
	OAC rule 3745-17-07(B)	Fugitive visible particulate emissions shall not exceed twenty percent opacity as a three-minute average, except as specified by rule.
	OAC rule 3745-17-08(B)	Reasonably Available Control Measures (RACM) are required to reduce or eliminate the presence of fugitive visible emissions. RACM for this emissions unit is the use of tightly fitting covers.

2. Additional Terms and Conditions

- 2.a The permittee shall use tight fitting covers at all times.

II. Operational Restrictions

1. The amount of pigment used in this emissions unit shall not exceed 10,000 pounds per day and 100 tons per year.

Facility Name: **Bondo/Mar-Hyde Corporation**

Facility ID: **14-09-00-0340**

Emissions Unit: **Paint Mixer #1 (P002)**

II. Operational Restrictions (continued)

2. The amount of liquid organic solvent used in this emissions unit shall not exceed 3,334 pounds per day and 608.5 tons per year.

Monitoring and/or Record Keeping Requirements

1.
 - a. The company identification for each batch produced.
 - c. The total combined amount of all organic solvents used during the day for all batches, in pounds.
 - d. The total amount of all pigments used in each batch, in pounds.
 - e. The total combined amount of all pigments used during the day in all batches, in pounds.
 - f. The total daily OC emissions from all batches produced, calculated by using the following equation:
Daily OC emissions = line c * 1.2% (Emission factor from a mass balance conducted by facility in March 2000, details of the mass balance performed can be found in PTI application 14-3985, modified 12/11/00);
 - h. The average hourly OC emission rate (line f / line g).

Manufacturing, 5/83).

Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports for any daily or annual record which shows an exceedence of either the production or emission limitaiton specified in A.II. and A.I., respectively.
2.
 - a. The total amount of pigment employed (the summation of the values recorded in section A.III.1.d. for each day this emissions unit was in operation).

A.III.1.c. for each day this emissions unit was in operation).

Testing Requirements

1. Compliance with the OC emission limitation in section A.I.1. shall be demonstrated by the record keeping in Methods 1-4 and 25 of 40 CFR Part 60, Appendix A shall be used.
2. keeping in section A.III.1.
3. Compliance with the pigment usage limitation in section A.II.1 shall be demonstrated by the record keeping in
- 4.
5. Compliance with the visible emission limitation in section A.I.1 shall be determined by methods specified in OAC rule 3745-17-03.

V. Testing Requirements (continued)

6. Compliance with the requirements of OAC rule 3745-17-08(B) shall be demonstrated by methods specified in OAC rule 3745-17-08(C)

VI.

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>
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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: Paint Mixer #2 (P003)

Activity Description: Paint Manufacturing at Mixer #2. Includes sandmill.

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>
paint mixer - Mixer #2	OAC rule 3745-31-05(A)(3) (PTI 14-3985)	8 lbs OC/hr 40 lbs OC/day 7.3 TPY OC 50 lbs PM - PM10/day 0.5 TPY PM-PM10. See terms A.II.1 and A.II.2. The requirements of this rule also include compliance with the requirements of OAC rule(s) 3745-17-07(B), 3745-17-08(B), and 3745-21-07(G)(2).
	OAC rule 3745-21-07(G)(2)	The emission limitations and control measures established in OAC rule 3745-21-07(G) are same as or less stringent than those established under OAC rule 3745-31-05(A).
	OAC rule 3745-17-07(B)	Fugitive visible particulate emissions shall not exceed twenty percent opacity as a three-minute average, except as specified by rule.
	OAC rule 3745-17-08(B)	Reasonably Available Control Measures (RACM) are required to reduce or eliminate the presence of fugitive visible emissions. RACM for this emissions unit is the use of tightly fitting covers.

2. Additional Terms and Conditions

- 2.a The permittee shall use tight fitting covers at all times.

II. Operational Restrictions

1. The amount of pigment used in this emissions unit shall not exceed 10,000 pounds per day and 100 tons per year.

Facility Name: **Bondo/Mar-Hyde Corporation**

Facility ID: **14-09-00-0340**

Emissions Unit: **Paint Mixer #2 (P003)**

II. Operational Restrictions (continued)

2. The amount of liquid organic solvent used in this emissions unit shall not exceed 3,334 pounds per day and

Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each day this emissions unit is in operation:
 - b. The total amount of all organic solvents used in each batch, in pounds.
 - f. The total daily OC emissions from all batches produced, calculated by using the following equation:
Daily OC emissions = line c * 1.2% (Emission factor from a mass balance conducted by facility in March 2000, details of the mass balance performed can be found in PTI application 14-3985, modified 12/11/00);
 - h. The average hourly OC emission rate (line f / line g).

Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports for any daily or annual record which shows an exceedence of either the production or emission limitaiton specified in A.II. and A.I., respectively.
2. The permittee shall submit annual reports which list the following:
 - a. The total amount of pigment employed (the summation of the values recorded in section A.III.1.d. for each day this emissions unit was in operation).A.III.1.c. for each day this emissions unit was in operation).

Testing Requirements

1. Compliance with the OC emission limitation in section A.I.1. shall be demonstrated by the record keeping in Methods 1-4 and 25 of 40 CFR Part 60, Appendix A shall be used.
2. Compliance with the PM-PM10 emission limitation in section A.I.1 shall be demonstrated by the record keeping in section A.III.1.

Should stack testing be required to demonstrate compliance with the particulate emission emission limitation(s), Methods 1-5 of 40 CFR Part 60, Appendix A shall be used.
3. Compliance with the pigment usage limitation in section A.II.1 shall be demonstrated by the record keeping in
4. Compliance with the liquid organic solvent usage limitation in section A.II.2 shall be demonstrated by the record keeping in section A.III.1.
5. Compliance with the visible emission limitation in section A.I.1 shall be determined by methods specified in OAC rule 3745-17-03.

Facility Name: **Bondo/Mar-Hyde Corporation**
Facility ID: **14-09-00-0340**
Emissions Unit: **Paint Mixer #2 (P003)**

V. Testing Requirements (continued)

6. Compliance with the requirements of OAC rule 3745-17-08(B) shall be demonstrated by methods specified in OAC rule 3745-17-08(C)

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>
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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: Paint Mixer #3 (P004)

Activity Description: Paint Manufacturing at Mixer #3. Includes sandmill.

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>
paint mixer - Mixer #3	OAC rule 3745-31-05(A)(3) (PTI 14-3985)	8 lbs OC/hr 40 lbs OC/day 7.3 TPY OC 50 lbs PM - PM10/day 0.5 TPY PM-PM10. See terms A.II.1 and A.II.2. The requirements of this rule also include compliance with the requirements of OAC rule(s) 3745-17-07(B), 3745-17-08(B), and 3745-21-07(G)(2).
	OAC rule 3745-21-07(G)(2)	The emission limitations and control measures established in OAC rule 3745-21-07(G) are same as or less stringent than those established under OAC rule 3745-31-05(A).
	OAC rule 3745-17-07(B)	Fugitive visible particulate emissions shall not exceed twenty percent opacity as a three-minute average, except as specified by rule.
	OAC rule 3745-17-08(B)	Reasonably Available Control Measures (RACM) are required to reduce or eliminate the presence of fugitive visible emissions. RACM for this emissions unit is the use of tightly fitting covers.

2. Additional Terms and Conditions

- 2.a** The permittee shall use tight fitting covers at all times.

II. Operational Restrictions

- The amount of pigment used in this emissions unit shall not exceed 10,000 pounds per day and 100 tons per year.

II. Operational Restrictions (continued)

2. The amount of liquid organic solvent used in this emissions unit shall not exceed 3,334 pounds per day and 608.5 tons per year.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each day this emissions unit is in operation:
 - a. The company identification for each batch produced.
 - b. The total amount of all organic solvents used in each batch, in pounds.
 - c. The total combined amount of all organic solvents used during the day for all batches, in pounds.
 - d. The total amount of all pigments used in each batch, in pounds.
 - e. The total combined amount of all pigments used during the day in all batches, in pounds.
 - f. The total daily OC emissions from all batches produced, calculated by using the following equation:
Daily OC emissions = line c * 1.2% (Emission factor from a mass balance conducted by facility in March 2000, details of the mass balance performed can be found in PTI application 14-3985, modified 12/11/00);
 - g. The total number of hours the emissions unit was in operation.
 - h. The average hourly OC emission rate (line f / line g).
 - i. The daily PM-PM10 emissions rate from all batches calculated by using the following equation:
Daily PM-PM10 emissions = line e * 1% (Emission factor taken from AP-42, Section 6.4, Paint and Varnish Manufacturing, 5/83).

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports for any daily or annual record which shows an exceedence of either the production or emission limitaiton specified in A.II. and A.I., respectively.
2. The permittee shall submit annual reports which list the following:
 - a. The total amount of pigment employed (the summation of the values recorded in section A.III.1.d. for each day this emissions unit was in operation).
 - b. The total amount of liquid organic material employed (the summation of the values recorded in section A.III.1.c. for each day this emissions unit was in operation).
 - c. The emission totals for OC and particulate (the summation of the values recorded in sections A.III.1.f. and A.III.1.i., respectively, for each day this emissions unit was in operation).

These reports shall be submitted by January 31 of each year and cover the previous calender year.

V. Testing Requirements

1. Compliance with the OC emission limitation in section A.I.1. shall be demonstrated by the record keeping in section A.III.1.

Should stack testing be required to demonstrate compliance with the organic compound emission limitation(s), Methods 1-4 and 25 of 40 CFR Part 60, Appendix A shall be used.
2. Compliance with the PM-PM10 emission limitation in section A.I.1 shall be demonstrated by the record keeping in section A.III.1.

Should stack testing be required to demonstrate compliance with the particulate emission emission limitation(s), Methods 1-5 of 40 CFR Part 60, Appendix A shall be used.
3. Compliance with the pigment usage limitation in section A.II.1 shall be demonstrated by the record keeping in section A.III.1.
4. Compliance with the liquid organic solvent usage limitation in section A.II.2 shall be demonstrated by the record keeping in section A.III.1.
5. Compliance with the visible emission limitation in section A.I.1 shall be determined by methods specified in OAC rule 3745-17-03.

V. Testing Requirements (continued)

6. Compliance with the requirements of OAC rule 3745-17-08(B) shall be demonstrated by methods specified in OAC rule 3745-17-08(C)

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II.

None

III.

None

IV.

None

V.

None

VI.

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Primer Pre-Mix (P005)

Activity Description: Primer pre-mix manufacturing. Includes sandmill.

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>
primer pre-mix	OAC rule 3745-31-05(A)(3) (PTI 14-3015)	8 lbs OC/hr 30.9 lbs OC/day 5.64 TPY OC 1.56 lbs PM-PM10/hr 4.56 TPY PM-PM10 See term A.2.2.a. The requirements of this rule also include compliance with the requirements of OAC rule(s) 3745-17-07(B), 3745-17-08(B), and 3745-21-07(G)(2). The emission limitations and control measures of this rule shall be in addition to the emission limitations and control measures of OAC rules 3745-17-07(B), 3745-17-08(B), and 3745-21-07(G)(2). Fugitive visible particulate emissions shall not exceed twenty percent of Reasonably Available Control Technology of

2. Additional Terms and Conditions

- The permittee shall use tight fitting covers at all times.

II. Operational Restrictions

- The permittee shall not produce more than one batch per day in this emissions unit.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each day this emissions unit is in operation:
 - a. The company identification for each batch produced.
 - b. The number of batches produced.
 - c. The total amount of all organic solvents used in each batch, in pounds.
 - d. The total combined amount of all organic solvents used during the day for all batches, in pounds.
 - e. The total amount of all pigments used in each batch, in pounds.
 - f. The total combined amount of all pigments used during the day in all batch, in pounds.
 - g. The total daily OC emissions from all batches produced, calculated by using the following equation:

Daily OC emissions = Number of batches recorded in line b * 30.9 lbs OC/batch (Emission factor taken from mass balance testing conducted by facility, details of the mass balance conducted can be found in PTI application 14-3015 dated 4/9/93).

- h. The total number of hours the emissions unit was in operation.
- i. The average hourly OC emission rate (line g/line h).
- j. The daily PM-PM10 emissions rate from all batches calculated by using the following equation:

Daily PM-PM10 emissions = the value from line f * 1% (Emission factor taken from AP-42, Section 6.4, Paint and Varnish Manufacturing 5/83).

- k. The average hourly PM emission rate (line j/line h).

2. The permittee shall calculate and record the annual OC and PM emission rates, in tons (the summation of the daily values in A.III.1.g for OC, the summation of the daily values in A.III.j for PM, divided by 2000 lbs/ton).

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports for any daily record which shows an exceedence of the emission limitations specified in A.I.
2. The quarterly deviation reports shall be submitted in accordance with General Term and Condition A.1.c.ii of this permit.
3. The permittee shall submit annual reports that specify the total OC and particulate emissions from this emissions unit. These reports shall be submitted by January 31 of each year and cover the previous calendar year.

V. Testing Requirements

1. Compliance with the organic compound emission limitations in section A.I.1 shall be demonstrated by the record keeping in section A.III.

Should stack testing be required to demonstrate compliance with the hourly organic compound emission limitation, Methods 1-4 and 25 of 40 CFR Part 60, Appendix A shall be used.

2. Compliance with the particulate emission limitations in section A.I.1 shall be demonstrated by the record keeping in sections A.III.

Should stack testing be required to demonstrate compliance with the hourly particulate emission limitation, Methods 1-5 of 40 CFR Part 60, Appendix A shall be used.

3. Compliance with the visible emission limitation in section A.I.1 shall be determined by methods specified in OAC rule 3745-17-03(B)(3).
4. Compliance with the requirements of OAC rule 3745-17-08(B) shall be demonstrated by methods specified in OAC rule 3745-17-08(C)

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>
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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: Primer Post-Mix (P006)
Activity Description: Primer post-mix manufacturing. Includes sandmill.

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>
primer post-mix	OAC rule 3745-31-05(A)(3) (PTI 14-3015)	8 lbs OC/hr 29.6 lbs OC/day 5.44 TPY OC See terms A.2.2.a. and A.II.1. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G)(2).
	OAC rule 3745-21-07(G)(2)	The emission limitations and control measures established in OAC rule 3745-21-07(G) are same as or less stringent than those established under OAC rule 3745-31-05(A).

2. Additional Terms and Conditions

- 2.a The permittee shall use tight fitting covers at all times.

II. Operational Restrictions

1. The permittee shall not produce more than two batches per day in this emissions unit.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each day this emissions unit is in operation:
 - a. The company identification for each batch produced.
 - b. The number of batches produced.
 - c. The total daily OC emissions from all batches produced, in pounds, calculated by using the following equation:

Daily OC emissions = Number of batches recorded in line b * 14.8 lbs OC/batch (Emission factor taken from mass balance testing conducted by facility, details of the mass balance conducted can be found in PTI application 14-3015 dated 4/9/93.)

- d. The total number of hours the emissions unit was in operation.
- e. The average hourly OC emission rate (line c/line d).

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

2. The permittee shall calculate and record the annual OC emission rate, in tons (the summation of the values from A.III.1.c. for all days during the calendar year this emissions unit was in operation, divided by 2000 lbs/ton).

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports for any daily record which shows an exceedence of the emission limitations specified in A.I and/or the production limitation specified in A.II.
2. The quarterly deviation reports shall be submitted in accordance with General Term and Condition A.1.c.ii of this permit.
3. The permittee shall submit annual reports that specify the total OC emissions from this emissions unit. These reports shall be submitted by January 31 of each year and cover the previous calendar year.

V. Testing Requirements

1. Compliance with the organic compound emission limitations in section A.I.1. shall be demonstrated by the record keeping in section A.III.

Should stack testing be required to demonstrate compliance with the hourly organic compound emission limitation, Methods 1-4 and 25 of 40 CFR Part 60, Appendix A shall be used.
2. Compliance with the visible emission limitation in section A.I.1. shall be determined by methods specified in OAC rule 3745-17-03(B)(3).
3. Compliance with the requirements of OAC rule 3745-17-08(B) shall be demonstrated by methods specified in OAC rule 3745-17-08(C).

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>
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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: Wax Melting Tank (P007)

Activity Description: Wax melting tank for wax intermediate. Batch tank.

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>
wax melting tank	OAC rule 3745-31-05(A)(3) (PTI 14-3108)	6.5 lbs OC/hr 26 lbs OC/day .68 TPY OC See terms A.2.2.a. and A.II.1. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G)(2).
	OAC rule 3745-21-07(G)(2)	The emission limitations and control measures established in OAC rule 3745-21-07(G) are same as or less stringent than those established under OAC rule 3745-31-05(A).

2. Additional Terms and Conditions

- 2.a The permittee shall use tight fitting covers at all times.

II. Operational Restrictions

- The permittee shall not produce more than two batches per day and/or two batches per week in this emissions unit.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each day this emissions unit is in operation:

- a. The company identification for each batch produced.
- b. The number of batches produced.
- c. The total daily OC emissions from all batches produced, in pounds, calculated by using the following equation:

Daily OC emissions = Number of batches recorded in line b * 13 lbs OC/batch. (Emission factor from a mass balance conducted by facility in April 1993 details of the mass balance performed can be found in PTI application 14-3108.)

- d. The total number of hours the emissions unit was in operation.
 - e. The average hourly OC emission rate (line c/line d).
2. The permittee shall calculate and record the annual OC emission rate, in tons (the summation of the values from A.III.1.c. for all days during the calendar year this emissions unit was in operation, divided by 2000 lbs/ton).

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports for any daily record which shows an exceedence of the emission limitaitons specified in A.I and/or any production limtations specified in A.II.
2. The quarterly deviation reports shall be submitted in accordance with General Term and Condition A.1.c.ii of this permit.
3. The permittee shall submit annual reports that specify the total OC emissions from this emissions unit. These reports shall be submitted by January 31 of each year and cover the previous calender year.

V. Testing Requirements

1. Compliance with the OC emission limitations in section A.I.1 shall be demonstrated by the record keeping in section A.III.

Should stack testing be required to demonstrate compliance with the hourly organic compound emission limitation, Methods 1-4 and 25 of 40 CFR Part 60, Appendix A shall be used.

VI. Miscellaneous Requirements

1. **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>
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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: Aerosol Can Filling #1 (P008)
Activity Description: Aerosol can filling operation.

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>
aerosol can filling line - Line #1	OAC rule 3745-31-05(A)(3) (PTI 14-3108)	1.53* lbs OC/hour 36.72* lbs OC/day 6.71* TPY OCs. *The hourly, daily and TPY OC emission limitations were established based upon the emissions unit's potential to emit. Therefore, no additional monitoring, record keeping, or reporting requirements are necessary to demonstrate compliance with these emission limitations.
	OAC rule 3745-21-07(G)(2)	The emission limitations and control measures established in OAC rule 3745-21-07(G) are less stringent than those established under OAC rule 3745-31-05(A).

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

1. The OC emission limitations in section A.I.1 were established based upon the emission calculations submitted with PTI application 14-3108 received on June 14, 1993.

Should stack testing be required to demonstrate compliance with the hourly organic compound emission limitation, Methods 1-4 and 25 of 40 CFR Part 60, Appendix A shall be used.

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>
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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: Solvent Filling (P009)
Activity Description: Filling containers with solvents.

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>
solvent filling operation	OAC rule 3745-31-05(A)(3) (PTI 14-3108)	1.36* lbs OC/hour, 3.57 TPY OCs. *The hourly OC emission limitation was established based upon the emissions unit's potential to emit. Therefore, no additional monitoring, record keeping, or reporting requirements are necessary to demonstrate compliance with the hourly emission limitation.
	OAC rule 3745-21-07(G)(2)	See A.II.1. The emission limitations and control measures established in OAC rule 3745-21-07(G) are less stringent than those established under OAC rule 3745-31-05(A).

2. Additional Terms and Conditions

None

II. Operational Restrictions

- The permittee shall not operate this emissions unit more than 5250 hours per year.

III. Monitoring and/or Record Keeping Requirements

- The permittee shall collect and record, on a monthly basis, the actual number of hours the emissions unit was in operation. In addition to the monthly total, the permittee shall maintain a running annual total of the hours of operation.

IV. Reporting Requirements

- The permittee shall submit quarterly deviation (excursion) reports for any monthly record which shows an exceedence of the hours of operation restriction specified in A.II.
- The quarterly deviation reports shall be submitted in accordance with General Term and Condition A.1.c.ii of this permit.

V. Testing Requirements

1. Compliance with the annual hours of operation limitation in section A.II.1 shall be demonstrated by the record keeping in section A.III.1.
2. The OC emission limitations in section A.I.1 were established based upon the emission calculations submitted with PTI application 14-3108 received on June 14, 1993.

Compliance with the annual hours of operation limitation ensures compliance with the TPY of OC emission limitation.

Should stack testing be required to demonstrate compliance with the hourly organic compound emission limitation, Methods 1-4 and 25 of 40 CFR Part 60, Appendix A shall be used.

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>
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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: Aerosol Mixer#1 (P011)

Activity Description: Letdown of aerosol paint with solvents.

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>
aerosol mixer - Mixer #1	OAC rule 3745-31-05(A)(3) (PTI 14-3147)	1.54* lbs OC/hour, 6.75* TPY OCs. *The hourly and TPY OC emission limitations were established based upon the emissions unit's potential to emit. Therefore, no additional monitoring, record keeping, or reporting requirements are necessary to demonstrate compliance with these emission limitations.
	OAC rule 3745-21-07(G)(2)	The emission limitations and control measures established in OAC rule 3745-21-07(G) are less stringent than those established under OAC rule 3745-31-05(A).

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

Facility Name: **Bondo/Mar-Hyde Corporation**

Facility ID: **14-09-00-0340**

Emissions Unit: **Aerosol Mixer#1 (P011)**

V. Testing Requirements

1. The OC emission limitations in section A.I.1 were established based upon the emission calculations submitted with PTI application 14-3147 received on June 24, 1993.

Should stack testing be required to demonstrate compliance with the hourly organic compound emission limitation, Methods 1-4 and 25 of 40 CFR Part 60, Appendix A shall be used.

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>
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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: Aerosol Mixer #2 (P012)

Activity Description: Letdown of aerosol paint with solvents.

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>
aerosol mixer - Mixer #2	OAC rule 3745-31-05(A)(3) (PTI 14-3147)	1.54* lbs OC/hour, 6.75* TPY OCs. *The hourly and TPY OC emission limitations were established based upon the emissions unit's potential to emit. Therefore, no additional monitoring, record keeping, or reporting requirements are necessary to demonstrate compliance with these emission limitations.
	OAC rule 3745-21-07(G)(2)	The emission limitations and control measures established in OAC rule 3745-21-07(G) are less stringent than those established under OAC rule 3745-31-05(A).

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

Facility Name: **Bondo/Mar-Hyde Corporation**

Facility ID: **14-09-00-0340**

Emissions Unit: **Aerosol Mixer #2 (P012)**

V. Testing Requirements

1. The OC emission limitations in section A.I.1 were established based upon the emission calculations submitted with PTI application 14-3147 received on June 24, 1993.

Should stack testing be required to demonstrate compliance with the hourly organic compound emission limitation, Methods 1-4 and 25 of 40 CFR Part 60, Appendix A shall be used.

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>
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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: Aerosol Mixer #3 (P013)
Activity Description: Letdown of aerosol paint with solvents.

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>
aerosol mixer - Mixer #3	OAC rule 3745-31-05(A)(3) (PTI 14-3147)	1.54* lbs OC/hour, 6.75* TPY OCs. *The hourly and TPY OC emission limitations were established based upon the emissions unit's potential to emit. Therefore, no additional monitoring, record keeping, or reporting requirements are necessary to demonstrate compliance with these emission limitations.
	OAC rule 3745-21-07(G)(2)	The emission limitations and control measures established in OAC rule 3745-21-07(G) are less stringent than those established under OAC rule 3745-31-05(A).

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

Facility Name: **Bondo/Mar-Hyde Corporation**

Facility ID: **14-09-00-0340**

Emissions Unit: **Aerosol Mixer #3 (P013)**

V. Testing Requirements

1. The OC emission limitations in section A.I.1 were established based upon the emission calculations submitted with PTI application 14-3147 received on June 24, 1993.

Should stack testing be required to demonstrate compliance with the hourly organic compound emission limitation, Methods 1-4 and 25 of 40 CFR Part 60, Appendix A shall be used.

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>
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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: Aerosol Can Filling #2 (P014)
Activity Description: Filling containers with aerosol paints.

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>
aerosol can filling line - Line #2	OAC rule 3745-31-05(A)(3) (PTI 14-3869)	1.53* lbs OC/hour 36.72* lbs OC/day 6.71* TPY OCs.
	OAC rule 3745-21-07(G)(2)	*The hourly, daily and TPY OC emission limitations were established based upon the emissions unit's potential to emit. Therefore, no additional monitoring, record keeping, or reporting requirements are necessary to The emission limitations and control measures established in OAC rule 3745-21-07(G) are less stringent than those established under OAC rule 3745-31-05(A).

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

1. The OC emission limitations in section A.I.1 were established based upon the emission calculations submitted with PTI application 14-3869 received June 28, 1995.

Should stack testing be required to demonstrate compliance with the hourly organic compound emission limitation, Methods 1-4 and 25 of 40 CFR Part 60, Appendix A shall be used.

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>
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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: Blenders for Clearcoat production (P015)

Activity Description: Various small mixers used for clearcoat and hardener production. Non-pigmented batch blending. Note: OEPA has assigned P014 to this source and aerosol line #2. This needs to be corrected. Assigned this source P015 to differentiate.

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>
blenders for clearcoat production	OAC rule 3745-31-05(A)(3) (PTI 14-3698)	3 lbs OC/hr 40 lbs OC/day 7.3 TPY OCS
	OAC rule 3745-21-07(G)(2)	See terms A.I.2.a and A.II.1. The emission limitations and control measures established in OAC rule 3745-21-07(G) are same as or less stringent than those established under OAC rule 3745-31-05(A).

2. Additional Terms and Conditions

- 2.a The permittee shall use tight fitting covers at all times.

II. Operational Restrictions

1. The amount of material produced in this emissions unit shall not exceed 95,240 pounds per day and 34,761,905 pounds per year.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information:
 - a. The company identification for each batch produced.
 - b. The daily total amount of clearcoats and hardeners produced, in pounds.
 - c. The daily OC emissions rate from all batches, in pounds, calculated by using the following equation: Daily OC emissions = [(line b/2000) * 0.84 lb OC/ton of product]. (Emission factor developed from a mass balance conducted by facility, details of the mass balance performed can be found in PTI application 14-3698 recieved on September 29, 1994.)
 - d. The total number of hours the emissions unit was in operation.
 - e. The average hourly OC emission rate (line c/line d).
 - f. The annual OC emissions, in tons (the summation of the values from line c for all days of the year the emissions unit was in operation, divided by 2000 lbs/ton).
 - g. The annual production (the summation of the values from line b for all days of the year the emissions unit was in operation).

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports for any record collected and recorded in A.III.1 which shows an exceedence of either the production and/or emission limitaitons specified in A.II. and A.I, respectively.
2. The quarterly deviation reports shall be submitted in accordance with General Term and Condition A.1.c.ii of this permit.
3. The permittee shall submit annual reports that specify the total OC emissions from and total material produced in this emissions unit. These reports shall be submitted by January 31 of each year and cover the previous calender year.

V. Testing Requirements

1. The OC emission limitations in section A.I.1 were established based upon the emission calculations submitted with PTI application 14-3698 recieved on September 29, 1994.

Compliance with the OC emission limitations specified in section A.I.1. shall be determined by the information collected and recorded in section A.III.

Should stack testing be required to demonstrate compliance with the hourly organic compound emission limitation, Methods 1-4 and 25 of 40 CFR Part 60, Appendix A shall be used.

VI. Miscellaneous Requirements

None

B.

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

Operations, Property,

Applicable Rules/

Limitations/Control

Additional Terms and Conditions

None

II.

None

III.

None

IV.

None

V.

None

VI.

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Paint Mixer #4 (P017)

Activity Description: Mixer used for paint production. Note: originally permitted under general permits P002-P004. Permit-to-install application being processed to separate P002, P003 and P004 into separate permits and add P016..

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>
paint mixer - Mixer #4	OAC rule 3745-31-05(A)(3) (PTI 14-3985)	8 lbs OC/hr 40 lbs OC/day 7.3 TPY OC 50 lbs PM - PM10/day 0.5 TPY PM-PM10. See terms A.II.1 and A.II.2. The requirements of this rule also include compliance with the requirements of OAC rule(s) 3745-17-07(B), 3745-17-08(B), and 3745-21-07(G)(2).
	OAC rule 3745-21-07(G)(2)	
	OAC rule 3745-17-07(B)	under OAC rule 3745-31-05(A). Fugitive visible particulate emissions
	OAC rule 3745-17-08(B)	opacity as a three-minute average, except as specified by rule. Reasonably Available Control
		this emissions unit is the use of tightly fitting covers.

2. Additional Terms and Conditions

- 2.a The permittee shall use tight fitting covers at all times.

II. Operational Restrictions

- The amount of pigment used in this emissions unit shall not exceed 10,000 pounds per day and 100 tons per year.

Operational Restrictions (continued)

- 2. 608.5 tons per year.

Monitoring and/or Record Keeping Requirements

- 1. The permittee shall collect and record the following information for each day this emissions unit is in operation:
 - b. The total amount of all organic solvents used in each batch, in pounds.
 - c. The total combined amount of all organic solvents used during the day for all batches, in pounds.
 - d. The total amount of all pigments used in each batch, in pounds.
 - e. The total combined amount of all pigments used during the day in all batches, in pounds.

 - g. The total number of hours the emissions unit was in operation.

 - i. The daily PM-PM10 emissions rate from all batches calculated by using the following equation:
Daily PM-PM10 emissions = line e * 1% (Emission factor taken from AP-42, Section 6.4, Paint and Varnish

Reporting Requirements

- 1. The permittee shall submit quarterly deviation (excursion) reports for any daily or annual record which shows an exceedence of either the production or emission limitaiton specified in A.II. and A.I., respectively.
- 2. The permittee shall submit annual reports which list the following:
 - a. The total amount of pigment employed (the summation of the values recorded in section A.III.1.d. for each day this emissions unit was in operation).

 - A.III.1.c. for each day this emissions unit was in operation).

Testing Requirements

- 1. Compliance with the OC emission limitation in section A.I.1. shall be demonstrated by the record keeping in Methods 1-4 and 25 of 40 CFR Part 60, Appendix A shall be used.

- 2. keeping in section A.III.1.

- 3. section A.III.1.

- 4.

- 5.

Facility Name: **Bondo/Mar-Hyde Corporation**

Facility ID: **14-09-00-0340**

Emissions Unit: **Paint Mixer #4 (P017)**

V. Testing Requirements (continued)

6. Compliance with the requirements of OAC rule 3745-17-08(B) shall be demonstrated by methods specified in OAC rule 3745-17-08(C)

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>
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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: Facility Organic Solvent Cleanup (P020)
Activity Description: Facility Wide Solvent Cleanup

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>
facility cleanup	OAC rule 3745-31-05(A)(3) (PTI 14-4353)	1.1 lbs OC/hr* 2 TPY of OCs *The hourly emission limitation was established based upon the operation's potential to emit. Therefore, no additional monitoring, record keeping, or reporting requirements are necessary to demonstrate compliance with this emission limitation.
	OAC rule 3745-21-07(G)(2)	See term A.I.2.a. See term A.II.1.

2. Additional Terms and Conditions

- 2.a The permittee shall store all organic cleanup material in a closed container.

II. Operational Restrictions

1. The use of any photochemically reactive material, as defined in OAC 3745-21-01(C)(5), is prohibited in this operation.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain annual records for this operation that list the following information:
 - a. The company identification of each liquid organic cleanup material employed.
 - b. Documentation whether or not the liquid organic material is photochemically reactive material as defined in OAC rule 3745-21-01(C)(5).
 - c. The amount of each liquid organic material in inventory at the beginning of the calendar year, in pounds.
 - d. The amount of each liquid organic material in inventory at the end of the calendar year, in pounds.
 - e. The amount of each liquid organic material purchased and received during the calendar year, in pounds.
 - f. The amount of each liquid organic material used in paints manufactured during the calendar year, in pounds.
 - g. The total amount of liquid organic material disposed of during the calendar year, in pounds (the solvent content of the waste shall be determined as spelled out in section A.III.2. of this permit).
 - h. The annual OC emissions calculated by using the following mass balance formula:

OC emissions = the summation of [line c + line e - line d - line f - line g] for each organic cleanup material employed.

2. The permittee shall have the waste material analyzed quarterly to determine the percentage (in percent by volume or weight) of solvent in the waste. The permittee shall use this number to determine the amount (in pounds) of cleanup material being disposed of in waste and shall use it in section A.III.1.g. A copy of the test results shall be maintained.

IV. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing identifying each day during which any photochemically reactive material (as defined in OAC 3745-21-01(C)(5)) was employed in this emissions unit. This report shall identify the cause for the use of the photochemically reactive material(s) and the estimated total quantity of material(s) emitted each such day. This report shall be submitted to the Hamilton County Department of Environmental Services within 45 days after the exceedance occurs.
2. The permittee shall submit annual reports which summarize the information required in section A.III. by January 31 of each year. The reports shall cover the previous years operation.

V. Testing Requirements

1. Compliance with the TPY OC emission limitation in section A.I. shall be determined by the record keeping in section A.III.

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>
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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: Underground Storage Tank #2 (T009)

Activity Description: 15000 gallon underground storage tank containing methylene chloride.

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>
15000-gallon underground storage tank containing methylene chloride. (Tank #2)	OAC rule 3745-31-05(A)(3) (PTI 14-3939)	5.05* TPY OC *The TPY OC emission limitation was established based upon the emissions unit's potential to emit. Therefore, no additional monitoring, record keeping, or reporting requirements are necessary to demonstrate compliance with this emission limitation.
	OAC rule 3745-21-07(D)	The permittee shall use submerged fill for loading the tank.
	40 CFR Part 60, Subpart Kb	See term A.I.2.a.

2. Additional Terms and Conditions

- 2.a In accordance with 40 CFR Part 60.116b(a) and (b), the owner and operator of the following storage vessel shall keep readily accessible records showing the dimension of each storage vessel and an analysis showing the capacity of the storage vessel for the life of the emissions unit.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

1. Compliance with the emission limitation in section A.I. shall be determined by the equations and methods spelled out in AP-42, Fifth Edition, Section 7.1, "Emissions from Organic Liquid Storage Tanks".

Facility Name: **Bondo/Mar-Hyde Corporation**
Facility ID: **14-09-00-0340**
Emissions Unit: **Underground Storage Tank #2 (T009)**

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>
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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: Underground Storage Tank #1 (T016)

Activity Description: 15000 gallon underground storage tank containing methylene chloride. NOTE: OEPA has assigned source #T008 to this source and to the asphalt tank. This needs to be corrected.

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>
15000-gallon underground storage tank containing methylene chloride. (Tank #1)	OAC rule 3745-31-05(A)(3) (PTI 14-3939)	5.05* TPY OC *The TPY OC emission limitation was established based upon the emissions unit's potential to emit. Therefore, no additional monitoring, record keeping, or reporting requirements are necessary to demonstrate compliance with this emission limitation.
	OAC rule 3745-21-07(D)	The permittee shall use submerged fill for loading the tank.
	40 CFR Part 60, Subpart Kb	See term A.I.2.a.

2. Additional Terms and Conditions

- 2.a In accordance with 40 CFR Part 60.116b(a) and (b), the owner and operator of the following storage vessel shall keep readily accessible records showing the dimension of each storage vessel and an analysis showing the capacity of the storage vessel for the life of the emissions unit.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

1. Compliance with the emission limitation in section A.I. shall be determined by the equations and methods spelled out in AP-42, Fifth Edition, Section 7.1, "Emissions from Organic Liquid Storage Tanks".

Facility Name: **Bondo/Mar-Hyde Corporation**
Facility ID: **14-09-00-0340**
Emissions Unit: **Underground Storage Tank #1 (T016)**

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>
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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

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