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

02/01/05

CERTIFIED MAIL

RE: Preliminary Proposed Title V
Chapter 3745-77 permit

16-77-01-0932
S. I. A. Adhesives, Inc.
Michael T Eberhart
123 West Bartges Street
Akron, OH 44311

Dear Michael T Eberhart:

Enclosed is the Ohio EPA Preliminary Proposed Title V permit that was issued in draft form on 11/03/04. The comment period for the Draft permit has ended. We are now ready to submit this permit to USEPA for approval.

We are submitting this for your review and comment. If you do not agree with the Preliminary Proposed Title V permit as written, you now have the opportunity to raise your concerns. **In order to facilitate our review of all the comments or concerns you may have with the enclosed preliminary proposed permit, please provide a hand marked-up copy of the permit showing the changes you think are necessary, along with any additional summary comments, within fourteen (14) days from your receipt of this letter to:**

Ohio EPA, Division of Air Pollution Control
Jim Orlemann, Manager, Engineering Section
Preliminary Proposed Title V Permit Correspondence
122 South Front Street
Columbus, Ohio 43215

and

Akron Air Pollution Control
146 South High Street, Room 904
Akron, OH 44308
(330) 375-2480

Also, if you believe that it is necessary to have an informal conference with us, then, as part of your written comments, you should request a conference concerning the written comments.

If comments are not submitted within fourteen (14) days of your receipt of this letter, we will forward the proposed permit to USEPA for approval. All comments received will be carefully considered before proceeding to the proposed permit.

Sincerely,

Michael W. Ahern

Michael W. Ahern, Supervisor
Field Operations and Permit Section
Division of Air Pollution Control

cc: Akron Air Pollution Control
File, DAPC PMU

State of Ohio Environmental Protection Agency

PRELIMINARY PROPOSED TITLE V PERMIT

Issue Date: 02/01/05	Effective Date: To be entered upon final issuance	Expiration Date: To be entered upon final issuance

This document constitutes issuance of a Title V permit for Facility ID: 16-77-01-0932 to:

S. I. A. Adhesives, Inc.
123 West Bartges Street
Akron, OH 44311-1081

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

P102 (40 MIX 102 - 1000 gal. Chemineer Horizontal Mixer)
1000 gal. Chemineer Horizontal Process Mixer

P103 (40 CHN 103 - 1000 gal. Chemineer Rubber Churn)
1000 gal. Chemineer Rubber Process Churn

P104 (40 CHN 104 - 1000 gal. Chemineer Churn)
1000 gal. Chemineer Process Churn

P105 (40 MIX 105 - 1000 gal. Chemineer Horizontal Mixer)
1000 gal. Chemineer Horizontal Process Mixer

P106 (40 MIX 106 - 1000 gal. Chemineer Horizontal Mixer)
1000 gal. Chemineer Horizontal Process Mixer

P107 (40 MIX 107 - 2200 gal. Mixer (Hockmeyer))
2200 gal. Process Mixer (Hockmeyer)

P108 (40 MIX 108 - 1000 gal. Paterson Horizontal Mixer)
1000 gal. Paterson Horizontal Process Mixer

P109 (40 MIX 109 - 1000 gal. Day Nauta Mixer)
1000 gal. Day Nauta Process Mixer

P120 (40 MIX 120 - Shar Hi Speed Mixer)
Shar Hi Speed Mixer

P124 (40 MIX 124 - 300 gal. High Speed Hockmeyer Mixer)
300 gal. High Speed Hockmeyer Mixer

P125 (40 MIX 125 - Lightnin Mixer)
Lightnin Mixer

P126 (40 MIX 126 - Lightnin Mixer)
Lightnin Mixer

P127 (40 MIX 127 - Lightnin Mixer)
Lightnin Mixer

P128 (40 MIX 128 - Air Lightnin Mixer)
Air Lightnin Mixer

P129 (40 MIX 129 - Air Lightnin Mixer)
Air Lightnin Mixer

P201 (40 CHN 201 - 500 gal. Struthers Wells Churn)
500 gal. Struthers Wells Process Churn

P202 (40 CHN 202 - 500 gal. Struthers Wells Churn)
500 gal. Struthers Wells Process Churn

P203 (40 CHN 203 - 500 gal. Struthers Wells Churn)
500 gal. Struthers Wells Process Churn

P204 (40 CHN 204 - 1000 gal. Chemineer Churn)
1000 gal. Chemineer Process Churn

P205 (40 CHN 205 - 1000 gal. Chemineer Churn)
1000 gal. Chemineer Process Churn

P207 (40 CHN 207 - 500 gal. Struthers Wells Churn)
500 gal. Struthers Wells Process Churn

P208 (40 CHN 208 - 500 gal. Struthers Wells Churn)
500 gal. Struthers Wells Process Churn

P209 (40 CHN 209 - 500 gal. Struthers Wells Churn)
500 gal. Struthers Wells Process Churn

P210 (40 CHN 210 - 1000 gal. Chemineer Churn)
1000 gal. Chemineer Process Churn

P211 (40 CHN 211 - 1000 gal. Chemineer Churn)
1000 gal. Chemineer Process Churn

P212 (40 CHN 212 - 500 gal. Struthers Wells Churn)
500 gal. Struthers Wells Process Churn

P301 (40 CHN 301 - 250 gal. Struthers Wells Churn)
250 gal. Struthers Wells Process Churn

P302 (40 CHN 302 - 250 gal. Struthers Wells Churn)
250 gal. Struthers Wells Process Churn

P303 (40 CHN 303 - 250 gal. Struthers Wells Churn)
250 gal. Struthers Wells Process Churn

P304 (40 CHN 304 - 250 gal. Struthers Wells Churn)
250 gal. Struthers Wells Process Churn

P305 (40 MIX 305 - 1000 gal. Day Nauta Mixer)
1000 gal. Day Nauta Mixer

P306 (40 MIX 306 - Horizontal Mixer)
Horizontal Mixer

P307 (40 CHN 307 - 250 gal. Struthers Wells Churn)
250 gal. Struthers Wells Process Churn

P308 (40 CHN 308 - 250 gal. Struthers Wells Churn)
250 gal. Struthers Wells Process Churn

P309 (40 CHN 309 - 250 gal. Struthers Wells Churn)
250 gal. Struthers Wells Process Churn

P310 (40 CHN 310 - 250 gal. Struthers Wells Churn)
250 gal. Struthers Wells Process Churn

P311 (40 CHN 311 - 250 gal. Struthers Wells Churn)
250 gal. Struthers Wells Process Churn

P313 (40 MIX 313 - 1000 gal. Day Nauta Mixer)
1000 gal. Day Nauta Mixer

P314 (40 CHN 314 - 1200 gal. Chemineer Churn)
1200 gal. Chemineer Process Churn

P315 (40 CHN 315 - 1000 gal. Chemineer Churn)
1000 gal. Chemineer Process Churn

P320 (40 CHN 320 - 1000 gal. Struthers Wells Churn)
1000 gal. Struthers Wells Process Churn

P401 (40 CHN 401 - 100 gal. Struthers Wells Churn)
100 gal. Struthers Wells Process Churn

P405 (40 MIX 405 - 1000 gal. Chemineer Horizontal Churn)
1000 gal. Chemineer Horizontal Churn

P406 (40 PMILL 406 - 50 gal. Pebble Mill)
50 gal. Pebble Mill

P408 (40 CHN 408 - 50 gal. Chemineer Churn)
50 gal. Chemineer Process Churn

P409 (40 CHN 409 - 50 gal. Chemineer Churn)
50 gal. Chemineer Process Churn

P410 (40 CHN 410 - 100 gal. Chemineer Churn)
100 gal. Chemineer Process Churn

P412 (40 CHN 412 - 100 gal. Chemineer Churn)
100 gal. Chemineer Process Churn

P413 (40 CHN 413 - 100 gal. Chemineer Churn)
100 gal. Chemineer Process Churn

P414 (40 CHN 414 - 50 gal. Chemineer Churn)
50 gal. Chemineer Process Churn

P415 (40 CHN 415 - 50 gal. Chemineer Churn)
50 gal. Chemineer Process Churn

P416 (40 CHN 416 - 50 gal. Chemineer Churn)
50 gal. Chemineer Process Churn

P418 (40 CHN 418 - 50 gal. Struthers Wells Churn)
50 gal. Struthers Wells Process Churn

P419 (40 CHN 419 - 100 gal. Glass Lined Churn)
100 gal. Glass Lined Process Churn

P420 (40 CHN 420 - 100 gal. Turbo-Mixer Churn)

100 gal. Turbo-Mixer Process Churn

P421 (40 CHN 421 - 100 gal. Gilbert Tramer Churn)
100 gal. Gilbert Tramer Process Churn

P422 (40 CHN 422 - 100 gal. Gilbert Tramer Churn)
100 gal. Gilbert Tramer Process Churn

P424 (40 CHN 424 - 100 gal. Gilbert Tramer Churn)
100 gal. Gilbert Tramer Process Churn

P425 (40 CHN 425 - 100 gal. Gilbert Tramer Churn)
100 gal. Gilbert Tramer Process Churn

P504 (40 MIX 504 - Schold Mixer)
Schold Mixer

P601 (40 PMILL 301 - 100 gal. Pebble Mill)
100 gal. Pebble Mill

P607 (40 PMILL 307 - 100 gal. Pebble Mill)
100 gal. Pebble Mill

T001 (Acetone Tank)
Fixed Roof Tank for acetone

T002 (Heptane Tank)
Fixed Roof Tank for Heptane

T003 (Toluene Tank)
Fixed Roof Tank for Toluene

T004 (Textile Spirits Tank)
Fixed Roof Tank for Textile Spirts

T005 (Methyl Ethyl Ketone Tank)
Fixed Roof Tank for Methyl Ethyl Ketone

T007 (N-Propyl Bromide)
Fixed Roof Tank for n-propyl bromide

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:

Akron Air Pollution Control
146 South High Street, Room 904
Akron, OH 44308
(330) 375-2480

OHIO ENVIRONMENTAL PROTECTION AGENCY

Joseph P. Koncelik
Director

PART I - GENERAL TERMS AND CONDITIONS

A. State and Federally Enforceable Section

1. Monitoring and Related Record Keeping and Reporting Requirements

a. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, i.e., in Section A.III of Part III of this Title V permit, 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.
(Authority for term: OAC rule 3745-77-07(A)(3)(b)(i))

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.
(Authority for term: OAC rule 3745-77-07(A)(3)(b)(ii))

c. The permittee shall submit required reports in the following manner:

i. **All reporting required in accordance with OAC rule 3745-77-07(A)(3)(c) for deviations caused by malfunctions shall be submitted in the following manner:**

Any malfunction, as defined in OAC rule 3745-15-06(B)(1), shall be promptly reported to the Ohio EPA in accordance with OAC rule 3745-15-06. In addition, to fulfill the OAC rule 3745-77-07(A)(3)(c) deviation reporting requirements for malfunctions, written reports that identify each malfunction that occurred during each calendar quarter (including each malfunction reported only verbally in accordance with OAC rule 3745-15-06) shall be submitted by January 31, April 30, July 31, and October 31 of each year in accordance with General Term and Condition A.1.c.ii below; and each report shall cover the previous calendar quarter.

In accordance with OAC rule 3745-15-06, a malfunction constitutes a violation of an emission limitation (or control requirement) and, therefore, is a deviation of the federally enforceable permit requirements. Even though verbal notifications and written reports are required for malfunctions pursuant to OAC rule 3745-15-06, the written reports required pursuant to this term must be submitted quarterly to satisfy the prompt reporting provision of OAC rule 3745-77-07(A)(3)(c).

In identifying each deviation caused by a malfunction, the permittee shall specify the emission limitation(s) (or control requirement(s)) for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. For a specific malfunction, if this information has been provided in a written report that was submitted in accordance with OAC rule 3745-15-06, the permittee may simply reference that written report to identify the deviation. Nevertheless, all malfunctions, including those reported only verbally in accordance with OAC rule 3745-15-06, must be reported in writing on a quarterly basis.

Any scheduled maintenance, as referenced in OAC rule 3745-15-06(A)(1), that results in a deviation from a federally enforceable emission limitation (or control requirement) shall be reported in the same manner as described above for malfunctions.
(Authority for term: OAC rule 3745-77-07(A)(3)(c))

ii. **Except as may otherwise be provided in the terms and conditions for a specific emissions unit, i.e., in Section A.IV of Part III of this Title V permit or, in some cases, in Part II of this Title V permit, all reporting required in accordance with OAC rule 3745-77-07(A)(3)(c) for deviations of the emission limitations, operational restrictions, and control device operating parameter limitations shall be submitted in the following manner:**

Written reports of (a) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures taken, shall be promptly made to the appropriate Ohio EPA District Office or local air agency. Except as provided below, the written reports shall be submitted by January 31, April 30, July 31, and October 31 of each year; and each report shall cover the previous calendar quarter.

In identifying each deviation, the permittee shall specify the emission limitation(s), operational restriction(s), and/or control device operating parameter limitation(s) for which the deviation occurred, describe each deviation, and provide the estimated magnitude and duration of each deviation.

These written reports shall satisfy the requirements (in part) of OAC rule 3745-77-07(A)(3)(c) pertaining to the submission of monitoring reports every six months and to the prompt reporting of all deviations. OAC rule 3745-77-07(A)(3)(c) is not fully satisfied until the permittee addresses all other deviations of the federally enforceable requirements specified in the permit.

If an emissions unit has a deviation reporting requirement for a specific emission limitation, operational restriction, or control device operating parameter limitation that is not on a quarterly basis (e.g., within 30 days following the end of the calendar month, or within 30 or 45 days after the exceedance occurs), that deviation reporting requirement overrides the reporting requirements specified in this General Term and Condition for that specific emission limitation, operational restriction, or control device parameter limitation. Following the provisions of that non-quarterly deviation reporting requirement will also satisfy the requirements (in part) of OAC rule 3745-77-07(A)(3)(c) pertaining to the submission of monitoring reports every six months and to the prompt reporting of all deviations, and additional quarterly deviation reports for that specific emission limitation, operational restriction, or control device parameter limitation are not required pursuant to this General Term and Condition.

See B.6 below if no deviations occurred during the quarter.
(Authority for term: OAC rule 3745-77-07(A)(3)(c))

iii. **All reporting required in accordance with the OAC rule 3745-77-07(A)(3)(c) for other deviations of the federally enforceable permit requirements which are not reported in accordance with General Term and Condition A.1.c.ii above shall be submitted in the following manner:**

Written reports that identify all other deviations of the federally enforceable requirements contained in this permit, including the monitoring, record keeping, and reporting requirements, which are not reported in accordance with General Term and Condition A.1.c.ii above shall be submitted to the appropriate Ohio EPA District Office or local air agency by January 31 and July 31 of each year; and each report shall cover the previous six calendar months.

In identifying each deviation, the permittee shall specify the federally enforceable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation.

These semi-annual written reports shall satisfy the reporting requirements of OAC rule 3745-77-07(A)(3)(c) for any deviations from the federally enforceable requirements contained in this permit that are not reported in accordance with General Term and Condition A.1.c.ii above.

If no such deviations occurred during a six-month period, the permittee shall submit a semi-annual report which states that no such deviations occurred during that period.
(Authority for term: OAC rules 3745-77-07(A)(3)(c)(i) and (ii))

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 (including any written malfunction reports required by OAC rule 3745-15-06 that are referenced in the deviation reports) are true, accurate, and complete."
(Authority for term: OAC rule 3745-77-07(A)(3)(c)(iv))

v. Reports of any required monitoring and/or record keeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
(Authority for term: OAC rule 3745-77-07(A)(3)(c))

2. Scheduled Maintenance

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. Except as provided in OAC rule 3745-15-06(A)(3), any scheduled maintenance 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). Any scheduled maintenance, as defined in OAC rule 3745-15-06(A)(1), that results in a deviation from a federally enforceable emission limitation (or control requirement) shall be reported in the same manner as described for malfunctions in General Term and Condition A.1.c.i above.
(Authority for term: OAC rule 3745-77-07(A)(3)(c))

3. Risk Management Plans

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

a. a compliance plan for meeting the requirements of 40 C.F.R. Part 68 by the date specified in 40 C.F.R. 68.10(a) and OAC 3745-104-05(A); or

b. as part of the compliance certification submitted under 40 C.F.R. 70.6(c)(5), a certification statement that the source is in compliance with all requirements of 40 C.F.R. Part 68 and OAC Chapter 3745-104, including the registration and submission of the risk management plan.

(Authority for term: OAC rule 3745-77-07(A)(4))

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.
(Authority for term: OAC rule 3745-77-07(A)(5))

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.
(Authority for term: OAC rule 3745-77-07(A)(6))

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, in accordance with A.10 below. 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.

(Authority for term: OAC rule 3745-77-07(A)(7))

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.
(Authority for term: OAC rule 3745-77-07(A)(8))

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.
(Authority for term: OAC rule 3745-77-07(A)(9))

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.
(Authority for term: OAC rule 3745-77-07(A)(10))

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 (18) 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.

(Authority for term: OAC rules 3745-77-07(A)(12) and 3745-77-08(D))

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.

(Authority for term: OAC rule 3745-77-07(B))

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 Director (the appropriate Ohio EPA District Office or local air agency) and the Administrator of the U.S. EPA in the following manner and with the following content:

i. Compliance certifications shall be submitted annually on a calendar year basis. The annual certification shall be submitted on or before April 30th of each year during the permit term.
ii. Compliance certifications shall include the following:
(a) An identification of each term or condition of this permit that is the basis of the certification.
(b) The permittee's current compliance status.
(c) Whether compliance was continuous or intermittent.
(d) The method(s) used for determining the compliance status of the source currently and over the required reporting period.
(e) Such other facts as the Director of the Ohio EPA may require in the permit to determine the compliance status of the source.
iii. Compliance certifications shall contain such additional requirements as may be specified pursuant to sections 114(a)(3) and 504(b) of the Act.

(Authority for term: OAC rules 3745-77-07(C)(1),(2),(4) and (5) and ORC section 3704.03(L))

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.

(Authority for term: OAC rule 3745-77-07(F))

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).
(Authority for term: OAC rules 3745-77-07(H)(1) and (2))

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.
(Authority for term: OAC rule 3745-77-07(G))

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 of the U.S. EPA. 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.

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.
(Authority for term: OAC rule 3745-77-07(I))

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.
(This term is provided for informational purposes only.)

18. Insignificant Activities

Each insignificant activity that has one or more applicable requirements shall comply with those applicable requirements.
(Authority for term: OAC rule 3745-77-07(A)(1))

19. 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.
(Authority for term: OAC rule 3745-77-07(A)(1))

20. 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.
(Authority for term: OAC rule 3745-77-07(A)(1))

21. Permanent Shutdown of an Emissions Unit

The permittee may notify Ohio EPA of any emissions unit that is permanently shut down by submitting a certification by the responsible official of the date on which the emissions unit was permanently shut down. Authorization to operate the affected part or activity of the stationary source shall cease upon the date certified by the responsible official that the emissions unit was permanently shut down.

If an emissions unit is permanently shut down (i.e., that has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31 and therefore ceases to meet the definition of an "emissions unit" as defined in OAC rule 3745-77-01(O)), rendering existing permit terms and conditions irrelevant, the permittee shall not be required, after the date of the certification and submission to Ohio EPA, to meet any monitoring, record keeping, reporting, or testing requirements, applicable to that emissions unit, except for any residual requirements, such as the quarterly deviation reports, semi-annual deviation reports and annual compliance certification covering the period during which the emissions unit last operated. All records relating to the shutdown emissions unit, generated while the emissions unit was in operation, must be maintained in accordance with law.

No emissions unit certified by the responsible official as being permanently shut down may resume operation without first applying for and obtaining a permit to install pursuant to OAC Chapter 3745-31.

B. *State Only Enforceable Section*

1. Reporting Requirements Related to Monitoring and Record Keeping Requirements

The permittee shall submit required reports in the following manner:

a. Reports of any required monitoring and/or record keeping 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 (i) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and record keeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) 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. In identifying each deviation, the permittee shall specify the applicable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. 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.)

2. 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.

3. 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.

4. 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).

5. 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.

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

If no emission limitation (or control requirement), operational restriction and/or control device parameter limitation 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 by January 31, April 30, July 31, and October 31 of each year; and each report shall cover the previous calendar quarter.

The permittee is not required to submit a quarterly report which states that no deviations occurred during that quarter for the following situations:

a. where an emissions unit has deviation reporting requirements for a specific emission limitation, operational restriction, or control device parameter limitation that override the deviation reporting requirements specified in General Term and Condition A.1.c.ii;

b. where an uncontrolled emissions unit has no monitoring, record keeping, or reporting requirements and the emissions unit's applicable emission limitations are established at the potentials to emit; and

c. where the company's responsible official has certified that an emissions unit has been permanently shut down.

Part II - Specific Facility Terms and Conditions

A. State and Federally Enforceable Section

1. The permittee's existing emissions units are subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Miscellaneous Coating Manufacturing, 40 CFR Part 63, Subpart HHHHH and therefore are subject to all the requirements listed for the emission units pursuant to 40 CFR Part 63, Subpart HHHHH which include, but are not limited to, the following for each stationary process vessel at an existing source:

a. equip the vessel with a cover or lid that must be in place at all times when the vessel contains a HAP; and

i. considering both capture and any combination of control (except a flare), reduce emissions by >= 75 percent by weight for each HAP with a vapor pressure >=0.6 kPa and by >=60 percent for each HAP with a vapor pressure <0.6 kPa; or

b. equip the vessel with a tightly fitting vented cover or lid that must be closed at all times when the vessel contains HAP; and

i. reduce emissions of each HAP with a vapor pressure >=0.6 kPa by >= 75 percent by weight and each HAP with a vapor pressure <0.6 kPa by >=60 percent by weight by venting emissions through a closed-vent system to any combintation of control devices (except a flare); or

ii. reduce emissions of total organic HAP by venting emissions from a non-halogenated vent stream through a closed-vent system to a flare; or

iii. reduce emissions of total organic HAP by venting emissions through a closed-vent system to a condenser that reduces the outlet gas temperature to:

<10 degrees C if the process vessel contains HAP with a partial pressure <0.6 kPa, or

<2 degrees C if the process vessel contains HAP with a partial pressure >=0.6 kPa and <17.2 kPa, or

<-5 degrees C if the process vessel contains HAP with a partial pressure >=17.2 kPa.

2. The permittee shall achieve total, on-going compliance with all applicable requirements of 40 CFR Part 63, Subpart HHHHH on or before the mandatory compliance date of December 11, 2006. Also, the permittee shall complete any performance test required in section 63.8000 within the time limits specified in section 63.8000.

3. Given the applicability of 40 CFR Part 63, Subpart HHHHH, the permittee must also comply with applicable provisions of 40 CFR Part 63, Subpart A. Referenced Sections of 40 CFR Part 63, Subpart A are contained in sections A.I.3.a through A.I.3.e below:

3.a Operation and maintenance requirements

a. In accordance with 40 CFR 63.6(e)(1)(i), at all times, including periods of startup, shutdown, and malfunction, owners or operators shall operate and maintain any affected source, including associated air pollution control equipment, in a manner consistent with good air pollution control practices for minimizing emissions at least to the levels required by all relevant standards.

b. Malfunctions shall be corrected as soon as practicable after their occurrence in accordance with the startup, shutdown, and malfunction plan required in paragraph (e)(3) of this section.

c. Operation and maintenance requirements established pursuant to section 112 of the Act are enforceable independent of emissions limitations or other requirements in relevant standards.

d. Determination of whether acceptable operation and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, review of operation and maintenance procedures (including the startup, shutdown, and malfunction plan required in paragraph (e)(3) of this section), review of operation and maintenance records, and inspection of the source.

A. State and Federally Enforceable Section (continued)

e. Startup, shutdown, and malfunction plan.

(i) The owner or operator of an affected source shall develop and implement a written startup, shutdown, and malfunction plan that describes, in detail, procedures for operating and maintaining the source during periods of startup, shutdown, and malfunction and a program of corrective action for malfunctioning process and air pollution control equipment used to comply with the relevant standard. As required under section 63.8(c)(1)(i), the plan shall identify all routine or otherwise predictable CMS malfunctions. This plan shall be developed by the owner or operator by the source's compliance date for that relevant standard. The plan shall be incorporated by reference into the source's Title V permit. The purpose of the startup, shutdown, and malfunction plan is to:

(i) Ensure that, at all times, owners or operators operate and maintain affected sources, including associated air pollution control equipment, in a manner consistent with good air pollution control practices for minimizing emissions at least to the levels required by all relevant standards;

(ii) Ensure that owners or operators are prepared to correct malfunctions as soon as practicable after their occurrence in order to minimize excess emissions of hazardous air pollutants; and

(iii) Reduce the reporting burden associated with periods of startup, shutdown, and malfunction (including corrective action taken to restore malfunctioning process and air pollution control equipment to its normal or usual manner of operation).

f. During periods of startup, shutdown, and malfunction, the owner or operator of an affected source shall operate and maintain such source (including associated air pollution control equipment) in accordance with the procedures specified in the startup, shutdown, and malfunction plan developed under paragraph (e)(3)(i) of this section.

g. When actions taken by the owner or operator during a startup, shutdown, or malfunction (including actions taken to correct a malfunction) are consistent with the procedures specified in the affected source's startup, shutdown, and malfunction plan, the owner or operator shall keep records for that event that demonstrate that the procedures specified in the plan were followed. These records may take the form of a "checklist," or other effective form of record keeping, that confirms conformance with the startup, shutdown, and malfunction plan for that event. In addition, the owner or operator shall keep records of these events as specified in section 63.10(b) (and elsewhere in this part), including records of the occurrence and duration of each startup, shutdown, or malfunction of operation and each malfunction of the air pollution control equipment. Furthermore, the owner or operator shall confirm that actions taken during the relevant reporting period during periods of startup, shutdown, and malfunction were consistent with the affected source's startup, shutdown and malfunction plan in the semiannual (or more frequent) startup, shutdown, and malfunction report required in section 63.10(d)(5).

h. If an action taken by the owner or operator during a startup, shutdown, or malfunction (including an action taken to correct a malfunction) is not consistent with the procedures specified in the affected source's startup, shutdown, and malfunction plan, the owner or operator shall record the actions taken for that event and shall report such actions within 2 working days after commencing actions inconsistent with the plan, followed by a letter within 7 working days after the end of the event, in accordance with section 63.10(d)(5) (unless the owner or operator makes alternative reporting arrangements, in advance, with the Administrator (see section 63.10(d)(5)(ii)).

A. State and Federally Enforceable Section (continued)

i. The owner or operator shall keep the written startup, shutdown, and malfunction plan on record after it is developed to be made available for inspection, upon request, by the Administrator for the life of the affected source or until the affected source is no longer subject to the provisions of this part. In addition, if the startup, shutdown, and malfunction plan is revised, the owner or operator shall keep previous (i.e., superseded) versions of the startup, shutdown, and malfunction plan on record, to be made available for inspection, upon request, by the Administrator, for a period of 5 years after each revision to the plan.

j. To satisfy the requirements of this section to develop a startup, shutdown, and malfunction plan, the owner or operator may use the affected source's standard operating procedures (SOP) manual, or an Occupational Safety and Health Administration (OSHA) or other plan, provided the alternative plans meet all the requirements of this section and are made available for inspection when requested by the Administrator.

k. Based on the results of a determination made under paragraph (e)(2) of this section, the Administrator may require that an owner or operator of an affected source make changes to the startup, shutdown, and malfunction plan for that source. The Administrator may require reasonable revisions to a startup, shutdown, and malfunction plan, if the Administrator finds that the plan:

(i) Does not address a startup, shutdown, or malfunction event that has occurred;

(ii) Fails to provide for the operation of the source (including associated air pollution control equipment) during a startup, shutdown, or malfunction event in a manner consistent with good air pollution control practices for minimizing emissions at least to the levels required by all relevant standards; or

(iii) Does not provide adequate procedures for correcting malfunctioning process and/or air pollution control equipment as quickly as practicable.

l. If the startup, shutdown, and malfunction plan fails to address or inadequately addresses an event that meets the characteristics of a malfunction but was not included in the startup, shutdown, and malfunction plan at the time the owner or operator developed the plan, the owner or operator shall revise the startup, shutdown, and malfunction plan within 45 days after the event to include detailed procedures for operating and maintaining the source during similar malfunction events and a program of corrective action for similar malfunctions of process or air pollution control equipment.

3.b Performance testing

a. In accordance with 40 CFR 63.7(a)(2), if required to do performance testing by a relevant standard, and unless a waiver of performance testing is obtained under this section or the conditions of paragraph (c)(3)(ii)(B) of this section apply, the owner or operator of the affected source shall perform such tests as follows:

(i) Within 180 days after the effective date of a relevant standard for a new source that has an initial startup date before the effective date; or

(ii) Within 180 days after initial startup for a new source that has an initial startup date after the effective date of a relevant standard; or

(iii) Within 180 days after the compliance date specified in an applicable subpart of this part for an existing source subject to an emission standard established pursuant to section 112(d) of the Act, or within 180 days after startup of an existing source if the source begins operation after the effective date of the relevant emission standard; or

(iv) Within 180 days after the compliance date for an existing source subject to an emission standard established pursuant to section 112(f) of the Act; or

(v) Within 180 days after the termination date of the source's extension of compliance for an existing source that obtains an extension of compliance under section 63.6(i).

A. State and Federally Enforceable Section (continued)

3.c Reconstruction

a. In accordance with 40 CFR 63.9(b)(4), the owner or operator of a new or reconstructed major affected source that has an initial startup after the effective date of a relevant standard under this part and for which an application for approval of construction or reconstruction is required under section 63.5(d) shall provide the following information in writing to the Administrator:

(i) A notification of intention to construct a new major affected source, reconstruct a major affected source, or reconstruct a major source such that the source becomes a major affected source with the application for approval of construction or reconstruction as specified in section 63.5(d)(1)(i);

(ii) A notification of the date when construction or reconstruction was commenced, submitted simultaneously with the application for approval of construction or reconstruction, if construction or reconstruction was commenced before the effective date of the relevant standard;

(iii) A notification of the date when construction or reconstruction was commenced, delivered or postmarked not later than 30 days after such date, if construction or reconstruction was commenced after the effective date of the relevant standard;

(iv) [Reserved]

(v) A notification of the actual date of startup of the source, delivered or postmarked within 15 calendar days after that date.

3.d General Record Keeping

In accordance with 40 CFR 63.10(b) general record keeping requirements:

a. The owner or operator of an affected source subject to the provisions of this part shall maintain files of all information (including all reports and notifications) required by this part recorded in a form suitable and readily available for expeditious inspection and review. The files shall be retained for at least 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. At a minimum, the most recent 2 years of data shall be retained on site. The remaining 3 years of data may be retained off site. Such files may be maintained on microfilm, on a computer, on computer floppy disks, on magnetic tape disks, or on microfiche.

b. The owner or operator of an affected source subject to the provisions of this part shall maintain relevant records for such source of:

(i) The occurrence and duration of each startup, shutdown, or malfunction of operation (i.e., process equipment);

(ii) The occurrence and duration of each malfunction of the air pollution control equipment;

(iii) All maintenance performed on the air pollution control equipment;

(iv) Actions taken during periods of startup, shutdown, and malfunction (including corrective actions to restore malfunctioning process and air pollution control equipment to its normal or usual manner of operation) when such actions are different from the procedures specified in the affected source's startup, shutdown, and malfunction plan (see section 63.6(e)(3));

A. State and Federally Enforceable Section (continued)

(v) All information necessary to demonstrate conformance with the affected source's startup, shutdown, and malfunction plan (see section 63.6(e)(3)) when all actions taken during periods of startup, shutdown, and malfunction (including corrective actions to restore malfunctioning process and air pollution control equipment to its normal or usual manner of operation) are consistent with the procedures specified in such plan. (The information needed to demonstrate conformance with the startup, shutdown, and malfunction plan may be recorded using a "checklist," or some other effective form of recordkeeping, in order to minimize the recordkeeping burden for conforming events);

(vi) Each period during which a CMS is malfunctioning or inoperative (including out-of-control periods);

(vii) All required measurements needed to demonstrate compliance with a relevant standard (including, but not limited to, 15-minute averages of CMS data, raw performance testing measurements, and raw performance evaluation measurements, that support data that the source is required to report);

(ix) This paragraph applies to owners or operators required to install a continuous emissions monitoring system (CEMS) where the CEMS installed is automated, and where the calculated data averages do not exclude periods of CEMS breakdown or malfunction. An automated CEMS records and reduces the measured data to the form of the pollutant emission standard through the use of a computerized data acquisition system. In lieu of maintaining a file of all CEMS subhourly measurements as required under paragraph (b)(2)(vii) of this section, the owner or operator shall retain the most recent consecutive three averaging periods of subhourly measurements and a file that contains a hard copy of the data acquisition system algorithm used to reduce the measured data into the reportable form of the standard.

(x) This paragraph applies to owners or operators required to install a CEMS where the measured data is manually reduced to obtain the reportable form of the standard, and where the calculated data averages do not exclude periods of CEMS breakdown or malfunction. In lieu of maintaining a file of all CEMS subhourly measurements as required under paragraph (b)(2)(vii) of this section, the owner or operator shall retain all subhourly measurements for the most recent reporting period. The subhourly measurements shall be retained for 120 days from the date of the most recent summary or excess emission report submitted to the Administrator.

(xi) The Administrator or delegated authority, upon notification to the source, may require the owner or operator to maintain all measurements as required by paragraph (b)(2)(vii), if the administrator or the delegated authority determines these records are required to more accurately assess the compliance status of the affected source.

(xii) All results of performance tests, CMS performance evaluations, and opacity and visible emission observations;

(xiii) All measurements as may be necessary to determine the conditions of performance tests and performance evaluations;

(xiv) All CMS calibration checks;

(xv) All adjustments and maintenance performed on CMS;

(xvi) Any information demonstrating whether a source is meeting the requirements for a waiver of record keeping or reporting requirements under this part, if the source has been granted a waiver under paragraph (f) of this section;

(xvii) All emission levels relative to the criterion for obtaining permission to use an alternative to the relative accuracy test, if the source has been granted such permission under section 63.8(f)(6); and

A. State and Federally Enforceable Section (continued)

(xviii) All documentation supporting initial notifications and notifications of compliance status under section 63.9.

c. Record keeping requirement for applicability determinations. If an owner or operator determines that his or her stationary source that emits (or has the potential to emit, without considering controls) one or more hazardous air pollutants is not subject to a relevant standard or other requirement established under this part, the owner or operator shall keep a record of the applicability determination on site at the source for a period of 5 years after the determination, or until the source changes its operations to become an affected source, whichever comes first. The record of the applicability determination shall include an analysis (or other information) that demonstrates why the owner or operator believes the source is unaffected (e.g., because the source is an area source). The analysis (or other information) shall be sufficiently detailed to allow the Administrator to make a finding about the source's applicability status with regard to the relevant standard or other requirement. If relevant, the analysis shall be performed in accordance with requirements established in subparts of this part for this purpose for particular categories of stationary sources. If relevant, the analysis should be performed in accordance with EPA guidance materials published to assist sources in making applicability determinations under section 112, if any.

3.e Additional Record Keeping

a. In accordance with 40 CFR 63.10(c), additional record keeping requirements for sources with continuous monitoring systems. In addition to complying with the requirements specified in paragraphs (b)(1) and (b)(2) of this section, the owner or operator of an affected source required to install a CMS by a relevant standard shall maintain records for such source of --

(i) All required CMS measurements (including monitoring data recorded during unavoidable CMS breakdowns and out-of-control periods);

(ii)-(iv) [Reserved]

(v) The date and time identifying each period during which the CMS was inoperative except for zero (low-level) and high-level checks;

(vi) The date and time identifying each period during which the CMS was out of control, as defined in section 63.8(c)(7);

(vii) The specific identification (i.e., the date and time of commencement and completion) of each period of excess emissions and parameter monitoring exceedances, as defined in the relevant standard(s), that occurs during startups, shutdowns, and malfunctions of the affected source;

(viii) The specific identification (i.e., the date and time of commencement and completion) of each time period of excess emissions and parameter monitoring exceedances, as defined in the relevant standard(s), that occurs during periods other than startups, shutdowns, and malfunctions of the affected source.

4. Subpart HHHHH: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Coating Manufacturing
(Source: 68 FR 69185, Dec. 11, 2003, unless otherwise noted.)

What This Subpart Covers

40 CFR 63.7980 What is the purpose of this subpart?

This subpart establishes national emission standards for hazardous air pollutants (NESHAP) for miscellaneous coating manufacturing. This subpart also establishes requirements to demonstrate initial and continuous compliance with the emission limits, operating limits, and work practice standards.

A. State and Federally Enforceable Section (continued)

5. 63.7985 Am I subject to the requirements in this subpart?
(a) You are subject to the requirements in this subpart if you own or operate miscellaneous coating manufacturing operations, as defined in paragraph (b) of this section, that meet the conditions specified in paragraphs (a)(1) through (4) of this section.

(1) Are located at or are part of a major source of hazardous air pollutants (HAP) emissions, as defined in section 112(a) of the Clean Air Act (CAA).

(2) Manufacture coatings as defined in 63.8105.

(3) Process, use, or produce HAP.

(4) Are not part of an affected source under another subpart of this Part 63.

(b) Miscellaneous coating manufacturing operations include the facilitywide collection of equipment described in paragraphs (b)(1) through (4) of this section that is used to manufacture coatings as defined in 63.8105. Miscellaneous coating manufacturing operations also include cleaning operations.

(1) Process vessels.

(2) Storage tanks for feedstocks and products.

(3) Components such as pumps, compressors, agitators, pressure relief devices, sampling connection systems, open-ended valves or lines, valves, connectors, and instrumentation systems.

(4) Wastewater tanks and transfer racks.

(c) If the predominant use of a transfer rack loading arm or storage tank (including storage tanks in series) is associated with miscellaneous coating manufacturing, and the loading arm or storage tank is not part of an affected source under a subpart of this Part 63, then you must assign the loading arm or storage tank to the miscellaneous coating manufacturing operations. If the predominant use cannot be determined, and the loading arm or storage tank is not part of an affected source under a subpart of this Part 63, then you must assign the loading arm or storage tank to the miscellaneous coating manufacturing operations. If the use varies from year to year, then you must base the determination on the utilization that occurred during

A. State and Federally Enforceable Section (continued)

the year preceding December 11, 2003 or, if the loading arm or storage tank was not in operation during that year, you must base the use on the expected use for the first 5-year period after startup. You must include the determination in the notification of compliance status report specified in 40 CFR 63.8075(d). You must redetermine the predominant use at least once every 5 years after the compliance date.

(d) The requirements for miscellaneous coatings manufacturing sources in this subpart do not apply to operations described in paragraphs (d)(1) through (4) of this section.

(1) Research and development facilities, as defined in section 112(c)(7) of the CAA.

(2) The affiliated operations located at an affected source under Subparts GG (National Emission Standards for Aerospace Manufacturing and Rework Facilities), KK (National Emission Standards for the Printing and Publishing Industry), JJJJ (NESHAP: Paper and Other Web Coating), future MMMM (National Emission Standards for Miscellaneous Metal Parts and Products Surface Coating Operations) and SSSS (NESHAP: Surface Coating of Metal Coil) of 40 CFR Part 63. Affiliated operations include, but are not limited to, mixing or dissolving of coating ingredients; coating mixing for viscosity adjustment, color tint or additive blending, or pH adjustment; cleaning of coating lines and coating line parts; handling and storage of coatings and solvent; and conveyance and treatment of wastewater.

(3) Ancillary equipment such as boilers and incinerators (only those not used to comply with the emission limits in Tables 1 through 5 to this subpart), chillers and refrigeration systems, and other equipment that is not directly involved in the manufacturing of a coating (i.e., it operates as a closed system, and materials are not combined with materials used to manufacture the coating).

(4) Quality assurance/quality control laboratories.

6. 40 CFR 63.7990 What parts of my plant does this subpart cover?

(a) This subpart applies to each miscellaneous coating manufacturing affected source as defined in 40 CFR 63.7985(a).

(b) The miscellaneous coating manufacturing affected source is the miscellaneous coating manufacturing operations as defined in 40 CFR 63.7985(b).

(c) An affected source is a new affected source if you commenced construction or reconstruction after April 4, 2002, and you met the applicability criteria at the time you commenced construction or reconstruction.

A. State and Federally Enforceable Section (continued)

7. 40 CFR 63.7995 When do I have to comply with this subpart?

(a) If you have a new affected source, you must comply with this subpart according to the requirements in paragraphs (a)(1) and (2) of this section.

(1) If you start up your new affected source before December 11, 2003, then you must comply with the requirements for new sources in this subpart no later than December 11, 2003.

(2) If you start up your new affected source after December 11, 2003, then you must comply with the requirements for new sources in this subpart upon startup of your affected source.

(b) If you have an existing affected source on December 11, 2003, then you must comply with the requirements for existing sources in this subpart no later than December 11, 2006.

(c) If you add equipment to your existing affected source after December 11, 2003 you must comply with the requirements for existing sources in this subpart upon startup of the added equipment.

(d) You must meet the notification requirements in 40 CFR 63.8070 according to the schedule in 40 CFR 63.8070 and in 40 CFR Part 63, Subpart A. Some of the notifications must be submitted before you are required to comply with the emission limits, operating limits, and work practice standards in this subpart.

[68 FR 69185, Dec. 11, 2003; 68 FR 75033, Dec. 29, 2003]

8. Emission Limits, Work Practice Standards, and Compliance Requirements

40 CFR 63.8000 What are my general requirements for complying with this subpart?

(a) You must be in compliance with the emission limits and work practice standards in Tables 1 through 5 to this subpart at all times, except during periods of startup, shutdown, and malfunction. You must meet the requirements specified in paragraphs (b) and (c) of this section. You must meet the requirements specified in sections 63.8005 through 63.8025 (or the alternative means of compliance in section 63.8050), except as specified in paragraph (d) of this section. You must meet the notification, reporting, and recordkeeping requirements specified in sections 63.8070, 63.8075, and 63.8080.

(b) General requirements. (1) If an emission stream contains halogen atoms, you must determine whether it meets the definition of a halogenated stream by calculating the concentration of each organic compound that contains halogen atoms using the procedures specified in section 63.115(d)(2)(v), multiplying each concentration by the number of halogen atoms in the organic compound, and summing the resulting halogen atom concentrations for all of the organic compounds in the emission stream. Alternatively, you may elect to designate the emission stream as halogenated.

(2) Opening of a safety device, as defined in section 63.8105, is allowed at any time conditions require it to avoid unsafe conditions.

(c) Compliance requirements for closed vent systems and control devices. If you use a control device to comply with an emission limit in Table 1, 2, or 5 to this subpart, you must comply with the requirements in Subpart SS of 40 CFR Part 63 as specified in paragraphs (c)(1) through (3) of this section, except as specified in paragraph (d) of this section.

A. State and Federally Enforceable Section (continued)

(1) If you reduce organic HAP emissions by venting emissions through a closed-vent system to any combination of control devices (except a flare), you must meet the requirements of section 63.982(c) and the requirements referenced therein.

(2) If you reduce organic HAP emissions by venting emissions through a closed-vent system to a flare, you must meet the requirements of section 63.982(b) and the requirements referenced therein. You may not use a flare to control halogenated vent streams or hydrogen halide and halogen HAP emissions.

(3) If you use a halogen reduction device to reduce hydrogen halide and halogen HAP emissions that are generated by combusting halogenated vent streams, you must meet the requirements of section 63.994 and the requirements referenced therein. If you use a halogen reduction device before a combustion device, you must determine the halogen atom emission rate prior to the combustion device according to the procedures in section 63.115(d)(2)(v).

(d) Exceptions to the requirements specified in other subparts of this Part 63. (1) Requirements for performance tests. The requirements specified in paragraphs (d)(1)(i) through (v) of this section apply instead of or in addition to the requirements for performance testing of control devices as specified in Subpart SS of 40 CFR Part 63.

(i) Conduct gas molecular weight analysis using Method 3, 3A, or 3B in Appendix A to 40 CFR Part 60.

(ii) Measure moisture content of the stack gas using Method 4 in Appendix A to 40 CFR Part 60.

(iii) As an alternative to using Method 18, Method 25/25A, or Method 26/26A of 40 CFR Part 60, Appendix A to comply with any of the emission limits specified in Tables 1 through 7 to this subpart, you may use Method 320 of 40 CFR Part 60, Appendix A. When using Method 320, you must follow the analyte spiking procedures of section 13 of Method 320, unless you demonstrate that the complete spiking procedure has been conducted at a similar source.

(iv) Section 63.997(c)(1) does not apply. For the purposes of this subpart, results of all initial compliance demonstrations must be included in the notification of compliance status report, which is due 150 days after the compliance date, as specified in section 63.8075(d)(1).

(v) The option in section 63.997(e)(2)(iv)(C) to demonstrate compliance with a percent reduction emission limit by measuring total organic carbon (TOC) is not allowed.

(vi) If you do not have a closed-vent system as defined in section 63.981, you must determine capture efficiency using Method 204 of Appendix M to 40 CFR Part 51 for all stationary process vessels subject to requirements of Table 1 to this subpart.

(2) Design evaluation. To determine the percent reduction of a small control device, you may elect to conduct a design evaluation as specified in section 63.1257(a)(1) instead of a performance test as specified in Subpart SS of 40 CFR Part 63. You must establish the value(s) and basis for the operating limits as part of the design evaluation.

(3) Periodic verification. For a control device with total inlet HAP emissions less than 1 ton per year (tpy), you must establish an operating limit(s) for a parameter(s) that you will measure and record at least once per averaging period (i.e., daily or block) to verify that the control device is operating properly. You may elect to measure the same parameter(s) that is required for control devices that control inlet HAP emissions equal to or greater than 1 tpy. If the parameter will not be measured continuously, you must request approval of your proposed procedure in the precompliance report. You must identify the operating limit(s) and the measurement frequency, and you must provide rationale to support how these measurements demonstrate the control device is operating properly.

A. State and Federally Enforceable Section (continued)

(4) Continuous emissions monitoring systems. Each continuous emissions monitoring system (CEMS) must be installed, operated, and maintained according to the requirements in section 63.8 and paragraphs (d)(4)(i) through (iv) of this section.

(i) Each CEMS must be installed, operated, and maintained according to the applicable Performance Specification of 40 CFR Part 60, Appendix B, and according to paragraph (d)(4)(ii) of this section, except as specified in paragraph (d)(4)(i)(A) of this section. For any CEMS meeting Performance Specification 8, you must also comply with Appendix F, Procedure 1 of 40 CFR Part 60.

(A) If you wish to use a CEMS other than a Fourier Transform Infrared Spectroscopy (FTIR) meeting the requirements of Performance Specification 15 to measure hydrogen halide and halogen HAP before we promulgate a Performance Specification for such CEMS, you must prepare a monitoring plan and submit it for approval in accordance with the procedures specified in section 63.8.

(B) [Reserved]

(ii) You must determine the calibration gases and reporting units for TOC CEMS in accordance with paragraph (d)(4)(ii)(A), (B), or (C) of this section.

(A) For CEMS meeting Performance Specification 9 or 15 requirements, determine the target analyte(s) for calibration using either process knowledge of the control device inlet stream or the screening procedures of Method 18 on the control device inlet stream.

(B) For CEMS meeting Performance Specification 8 used to monitor performance of a combustion device, calibrate the instrument on the predominant organic HAP and report the results as carbon (C1), and use Method 25A or any approved alternative as the reference method for the relative accuracy tests.

(C) For CEMS meeting Performance Specification 8 used to monitor performance of a noncombustion device, determine the predominant organic HAP using either process knowledge or the screening procedures of Method 18 on the control device inlet stream, calibrate the monitor on the predominant organic HAP, and report the results as C1. Use Method 18, ASTM D6420-99, or any approved alternative as the reference method for the relative accuracy tests, and report the results as C1.

(iii) You must conduct a performance evaluation of each CEMS according to the requirements in 40 CFR 63.8 and according to the applicable Performance Specification of 40 CFR Part 60, Appendix B, except that the schedule in section 63.8(e)(4) does not apply, and the results of the performance evaluation must be included in the notification of compliance status report.

(iv) The CEMS data must be reduced to operating day or operating block averages computed using valid data consistent with the data availability requirements specified in sections 63.999(c)(6)(i)(B) through (D), except monitoring data also are sufficient to constitute a valid hour of data if measured values are available for at least two of the 15-minute periods during an hour when calibration, quality assurance, or maintenance activities are being performed. An operating block is a period of time from the beginning to end of batch operations in the manufacturing of a coating. Operating block averages may be used only for process vessel data.

(5) Continuous parameter monitoring. The provisions in paragraphs (d)(5)(i) through (iii) of this section apply in addition to the requirements for continuous parameter monitoring system (CPMS) in Subpart SS of 40 CFR Part 63.

(i) You must record the results of each calibration check and all maintenance performed on the CPMS as specified in section 63.998(c)(1)(ii)(A).

A. State and Federally Enforceable Section (continued)

(ii) When Subpart SS of 40 CFR Part 63 uses the term a range or operating range of a monitored parameter, it means an operating limit for a monitored parameter for the purposes of this subpart.

(iii) As an alternative to measuring pH as specified in section 63.994(c)(1)(i), you may elect to continuously monitor the caustic strength of the scrubber effluent.

(6) Startup, shutdown, and malfunction. Sections 63.998(b)(2)(iii) and (b)(6)(i)(A), which apply to the exclusion of monitoring data collected during periods of startup, shutdown, and malfunction (SSM) from daily averages, do not apply for the purposes of this subpart.

(7) Reporting. (i) When sections 63.8005 through 63.8025 reference other subparts in this Part 63 that use the term periodic report, it means compliance report for the purposes of this subpart.

(ii) When there are conflicts between this subpart and referenced subparts for the due dates of reports required by this subpart, reports must be submitted according to the due dates presented in this subpart.

(iii) Excused excursions, as defined in Subpart SS of 40 CFR Part 63, are not allowed.

9. 40 CFR 63.8005 What requirements apply to my process vessels?

(a) You must meet each emission limit and work practice standard in Table 1 to this subpart that applies to you, except as specified in sections 63.8050 and 63.8055, and you must meet each applicable requirement specified in section 63.8000(b). For each control device used to comply with Table 1 to this subpart, you must comply with Subpart SS of this Part 63 as specified in section 63.8000(c), except as specified in section 63.8000(d) and paragraphs (b) through (g) of this section.

(b) When Subpart SS of this Part 63 refers to process vents, it means process vessel vents for the purposes of this section.

(c) Process condensers, as defined in section 63.1251, are not considered to be control devices for process vessels.

(d) Initial compliance. (1) To demonstrate initial compliance with a percent reduction emission limit in Table 1 to this subpart, you must conduct the performance test or design evaluation under conditions as specified in section 63.7(e)(1), except that the performance test or design evaluation must be conducted under worst-case conditions. Also, the performance test for a control device used to control emissions from process vessels must be conducted according to section 63.1257(b)(8), including the submittal of a site-specific test plan for approval prior to testing. The requirements in sections 63.997(e)(1)(i) and (iii) also do not apply for performance tests conducted to determine compliance with the emission limits for process vessels.

(2) For the initial compliance demonstration for condensers, you must determine uncontrolled emissions using the procedures specified in section 63.1257(d)(2), and you must determine controlled emissions using the procedures specified in sections 63.1257(d)(3)(i)(B) and (iii).

A. State and Federally Enforceable Section (continued)

(3) You must demonstrate that each process condenser is properly operated according to the procedures specified in sections 63.1257(d)(2)(i)(C)(4)(ii) and (d)(3)(iii)(B). The reference in section 63.1257(d)(3)(iii)(B) to the alternative standard in section 63.1254(c) does not apply for the purposes of this subpart. As an alternative to measuring the exhaust gas temperature, as required by section 63.1257(d)(3)(iii)(B), you may elect to measure the liquid temperature in the receiver.

(4) You must conduct a performance test or compliance demonstration equivalent to an initial compliance demonstration within 360 hours of a change in operating conditions that are not considered to be within the previously established worst-case conditions.

(e) Establishing operating limits. You must establish operating limits under the conditions required for your initial compliance demonstration, except you may elect to establish operating limit(s) for conditions other than those under which a performance test was conducted as specified in paragraph (e)(1) of this section and, if applicable, paragraph (e)(2) of this section.

(1) The operating limits may be based on the results of the performance test and supplementary information such as engineering assessments and manufacturer's recommendations. These limits may be established for conditions as unique as individual emission episodes. You must provide rationale in the precompliance report for the specific level for each operating limit, including any data and calculations used to develop the limit and a description of why the limit indicates proper operation of the control device. The procedures provided in this paragraph (e)(1) have not been approved by the Administrator and determination of the operating limit using these procedures is subject to review and approval by the Administrator.

(2) If you elect to establish separate operating limits for different emission episodes, you must maintain records as specified in section 63.8085(g) of each point at which you change from one operating limit to another, even if the duration of the monitoring for an operating limit is less than 15 minutes.

(f) Averaging periods. If you elect to establish separate operating limits for different emission episodes, you may elect to determine operating block averages instead of the daily averages specified in section 63.998(b)(3). An operating block is a period of time that is equal to the time from the beginning to end of an emission episode or sequence of emission episodes.

(g) Flow indicators. If flow to a control device could be intermittent, you must install, calibrate, and operate a flow indicator at the inlet or outlet of the control device to identify periods of no flow. Periods of no flow may not be used in daily or block averages, and it may not be used in fulfilling a minimum data availability requirement.

A. State and Federally Enforceable Section (continued)

10. 40 CFR 63.8010 What requirements apply to my storage tanks?
(a) You must meet each emission limit in Table 2 to this subpart that applies to your storage tanks, and you must meet each applicable requirement specified in section 63.8000(b). For each control device used to comply with Table 2 to this subpart, you must comply with Subpart SS of this Part 63 as specified in section 63.8000(c), except as specified in section 63.8000(d) and paragraphs (b) through (d) of this section.

(b) Exceptions to Subparts SS and WW of this Part 63. (1) If you conduct a performance test or design evaluation for a control device used to control emissions only from storage tanks, you must establish operating limits, conduct monitoring, and keep records using the same procedures as required in Subpart SS of this Part 63 for control devices used to reduce emissions from process vents instead of the procedures specified in sections 63.985(c), 63.998(d)(2)(i), and 63.999(b)(2).

(2) When the term storage vessel is used in Subparts SS and WW of this part 63, the term storage tank, as defined in section 63.8105 applies for the purposes of this subpart.

(c) Planned routine maintenance. The emission limits in Table 2 to this subpart for control devices used to control emissions from storage tanks do not apply during periods of planned routine maintenance. Periods of planned routine maintenance of each control device, during which the control device does not meet the emission limit specified in Table 2 to this subpart, must not exceed 240 hours per year (hr/yr). You may submit an application to the Administrator requesting an extension of this time limit to a total of 360 hr/yr. The application must explain why the extension is needed, it must indicate that no material will be added to the storage tank between the time the 240 hr/yr limit is exceeded and the control device is again operational, and it must be submitted at least 60 days before the 240 hr/yr limit will be exceeded.

(d) Vapor balancing alternative. As an alternative to the emission limits specified in Table 2 to this subpart, you may elect to implement vapor balancing in accordance with section 63.1253(f), except as specified in paragraphs (d)(1) and (2) of this section.

(1) To comply with section 63.1253(f)(6)(i), the owner or operator of an offsite cleaning and reloading facility must comply with sections 63.7995 through 63.8105 instead of complying with section 63.1253(f)(7)(ii).

(2) You may elect to set a pressure relief device to a value less than the 2.5 psig required in section 63.1253(f)(5) if you provide rationale in your notification of compliance status report explaining why the alternative value is sufficient to prevent breathing losses at all times.

11. 40 CFR 63.8015 What requirements apply to my equipment leaks?

(a) You must meet each requirement in Table 3 to this subpart that applies to your equipment leaks, except as specified in paragraphs (b) through (d) of this section.

(b) The requirement in section 63.424(a) to inspect each piece of equipment during the loading of a gasoline cargo tank means when the equipment is operating in organic HAP service for the purposes of this subpart.

(c) When section 63.1036 refers to batch processes, any part of the miscellaneous coating manufacturing operations applies for the purposes of this subpart.

(d) For the purposes of this subpart, pressure testing for leaks in accordance with section 63.1036(b) is not required after reconfiguration of an equipment train if flexible hose connections are the only disturbed equipment.

A. State and Federally Enforceable Section (continued)

12. 40 CFR 63.8020 What requirements apply to my wastewater streams?

(a) You must meet each requirement in Table 4 to this subpart that applies to your wastewater streams, and you must meet each applicable requirement specified in section 63.8000 and paragraphs (b) through (d) of this section.

(b) For each wastewater stream that you generate, you must either designate the wastewater stream as a Group 1 wastewater stream according to the procedures in paragraph (b)(1) of this section, or you must determine whether the wastewater stream is a Group 1 wastewater stream according to the procedures in paragraph (b)(2) of this section.

(1) You may designate any wastewater stream as a Group 1 wastewater stream. You do not have to determine the concentration for any designated Group 1 wastewater stream.

(2) For wastewater streams that you do not designate as Group 1 wastewater streams, you must use the procedures specified in section 63.144(b) to establish the concentrations, except as specified in paragraphs (b)(2)(i) and (ii) of this section.

(i) References to Table 8 compounds in section 63.144 do not apply for the purposes of this subpart.

(ii) Alternative test methods. (A) As an alternative to the test methods specified in section 63.144(b)(5)(i), you may use Method 8260 or 8270 as specified in section 63.1257(b)(10)(iii).

(B) As an alternative to using the methods specified in section 63.144(b)(5)(i), you may conduct wastewater analyses using Method 1666 or 1671 of 40 CFR Part 136, Appendix A, and comply with the sampling protocol requirements specified in section 63.144(b)(5)(ii). The validation requirements specified in section 63.144(b)(5)(iii) do not apply if you use Method 1666 or 1671 of 40 CFR Part 136, Appendix A.

(c) For each enhanced biological treatment unit used to comply with the requirements in Table 4 to this subpart, you must monitor total suspended solids (TSS), biological oxygen demand (BOD), and the biomass concentration. In the precompliance report you must identify and provide rationale for proposed operating limits for these parameters, methods for monitoring, the frequency of monitoring, and recordkeeping and reporting procedures that will demonstrate proper operation of the enhanced biological treatment unit. Alternatively, you may use the precompliance report to request to monitor other parameters, and you must include a description of planned reporting and recordkeeping procedures and the basis for the selected monitoring frequencies and the methods that will be used.

(d) If you transfer the wastewater offsite for enhanced biological treatment, you must obtain written certification from the offsite facility stating that the offsite facility will comply with the requirements of this subpart. The certifying entity may revoke the certification by providing 90 days notice. Upon expiration of the notice period, you may not transfer wastewater to that treatment facility.

13. 40 CFR 63.8025 What requirements apply to my transfer operations?

(a) You must comply with each emission limit and work practice standard in Table 5 to this subpart that applies to your transfer operations, and you must meet all applicable requirements specified in section 63.8000(b). For each control device used to comply with Table 5 to this subpart, you must comply with Subpart SS of this Part 63 as specified in section 63.8000(c), except as specified in section 63.8000(d) and paragraph (b) of this section.

(b) If you have Group 1 transfer operations, as defined in section 63.8105, then all transfer racks used for bulk loading coatings must meet the requirements for high throughput transfer racks in Subpart SS of this part.

A. State and Federally Enforceable Section (continued)

14. 40 CFR 63.8030 What requirements apply to my heat exchange systems?

(a) You must comply with the requirements specified in Table 6 to this subpart that apply to your heat exchange systems, except as specified in paragraphs (b) through (e) of this section.

(b) The phrase a chemical manufacturing process unit meeting the conditions of sections 63.100(b)(1) through (b)(3) of this section in section 63.104(a) means the miscellaneous coating manufacturing operations defined in section 63.7985(b) for the purposes of this subpart.

(c) The reference to section 63.100(c) in section 63.104(a) does not apply for the purposes of this subpart.

(d) The reference to section 63.103(c)(1) in section 63.104(f)(1) does not apply. For the purposes of this subpart, records must be retained as specified in section 63.10(b)(1).

(e) The reference to the periodic report required by section 63.152(c) of Subpart G of this part means the compliance report required by section 63.8075(e) for the purposes of this subpart.

15. Alternative Means of Compliance

40 CFR 63.8050 How do I comply with emissions averaging for stationary process vessels at existing sources?

(a) As an alternative to complying with the requirements in Table 1 to this subpart for each individual stationary process vessel, you may elect to comply with emissions averaging for stationary process vessels greater than or equal to 250 gallons (gal) at your existing affected source as specified in paragraphs (b) through (e) of this section.

(b) General requirements. (1) A State may prohibit averaging of HAP emissions and require the owner or operator of an existing affected source to comply with the emission limits and work practice standards in Table 1 to this subpart.

(2) All stationary process vessels in an emissions averaging group must be equipped with a tightly-fitting vented cover.

(c) Initial compliance. To demonstrate initial compliance with the emissions averaging alternative, you must comply with the provisions in paragraphs (c)(1) through (4) of this section.

(1) Estimate uncontrolled emissions from each affected stationary process vessel in pounds per batch using the procedures specified in section 63.1257(d)(2), except as specified in paragraphs (c)(1)(i) and (ii) of this section. For the purposes of this section, uncontrolled emissions means the emissions from the vessel if it were equipped only with a tightly-fitting vented cover. You must identify the range of typical operating parameters and perform the calculation using the values that result in the highest emissions, and you must document the operating parameters and resulting emissions calculations in the precompliance report.

(i) When you are required to calculate uncontrolled emissions from heating, you may not calculate emissions using Equation 13 of Subpart GGG of this Part 63.

(ii) The statement in section 63.1257(d)(2)(i)(B) that "the partial pressure of HAP shall be assumed to be 25 percent of the saturated value if the purge flow rate is greater than 100 scfm" does not apply. For the purposes of this subpart, multiply the HAP partial pressure in Equation 12 of 40 CFR Part 63, Subpart GGG by a HAP-specific saturation factor determined in accordance with Equations 1 through 3 of this section. Solve equation 1 of this section iteratively beginning with saturation factors (in the right-hand side of the equation) of 1.0 for each condensable compound. Stop iterating when the calculated saturation factors for all compounds are the same to two significant figures for subsequent iterations. Note that for multi-component emission streams, saturation factors must be calculated for all noncondensables in the emission stream.

(See Equations 2 and 3 in Attachment A)

A. State and Federally Enforceable Section (continued)

(2) Estimate controlled emissions in pounds per batch for each vessel as specified in paragraphs (c)(2)(i) through (iii) of this section.

(i) Except as specified in paragraphs (c)(2)(ii) and (iii) of this section, estimate controlled emissions as if the vessel were controlled in compliance with entry 2.b.i. in Table 1 to this subpart.

(ii) Estimate the controlled emissions using the control level achieved on November 15, 1990 if that value is greater than the applicable control level required by entry 2.b.i in Table 1 to this subpart.

(iii) Estimate the controlled emissions using the control level required to comply with a State or Federal rule other than this subpart if that level is greater than the applicable control level required by entry 2.b.i in Table 1 to this subpart and the other rule was in effect before the date when you request approval to comply with emissions averaging.

(3) Determine actual emissions in pounds per batch for each vessel in accordance with paragraphs (c)(2)(i), (ii), or (iii), as applicable.

(i) If emissions are routed through a closed-vent system to a condenser control device, determine controlled emissions using the procedures specified in section 63.1257(d)(3).

(ii) If emissions are routed through a closed-vent system to any control device other than a condenser, determine actual emissions after determining the efficiency of the control device using the procedures in Subpart SS of this Part 63 as specified in section 63.8000(c).

(iii) If the vessel is vented to the atmosphere, then actual emissions are equal to the uncontrolled emissions estimated in accordance with paragraph (c)(1) of this section.

(4) Provide rationale in the precompliance report for why the sum of the actual emissions will be less than the sum of emissions from the vessels if they had been controlled in accordance with Table 1 to this subpart. The approved actual emissions calculated according to paragraph (c)(3) of this section are emission limits that must be incorporated into your operating permit.

(d) Continuous compliance. (1) Maintain a monthly log of the number of batches produced that can be correlated with the emissions estimates per batch developed in accordance with paragraph (c) of this section.

(2) Sum the actual emissions for all of the process vessels in the emissions averaging group every three months, with the first 3-month period beginning on the compliance date, and compare the resulting total with the total emissions for the vessels calculated in accordance with paragraph (c)(2) of this section. Compliance is demonstrated if the sum of the actual emissions is less than the emissions estimated in accordance with paragraph (c)(2) of this section.

(3) For control devices, establish operating limits and monitor as specified in section 63.8000.

(e) Record keeping and reporting. Comply with sections 63.8070, 63.8075, and 63.8080.

A. State and Federally Enforceable Section (continued)

16. 40 CFR 63.8055 How do I comply with a weight percent HAP limit in coating products?

(a) As an alternative to complying with the requirements in Table 1 to this subpart for each individual stationary process vessel at an existing source, you may elect to comply with a 5 weight percent HAP limit for process vessels at your affected source that are used to manufacture coatings with a HAP content of less than 0.05 kg per kg product as specified in paragraph (b) of this section.

(b) You may only comply with the alternative during the production of coatings that contain less than 5 weight percent HAP, as determined using any of the procedures specified in paragraphs (b)(1) through (3) of this section.

(1) Method 311 (Appendix A to 40 CFR Part 63).

(2) Method 24 (Appendix A to 40 CFR Part 60). You may use Method 24 to determine the mass fraction of volatile matter and use that value as a substitute for the mass fraction of HAP.

(3) You may use an alternative test method for determining mass fraction of HAP if you obtain prior approval by the Administrator. You must follow the procedure in section 63.7(f) to submit an alternative test method for approval.

17. Notification, Reports, and Records

40 CFR 63.8070 What notifications must I submit and when?

(a) You must submit all of the notifications in sections 63.6(h)(4) and (5), 63.7(b) and (c), 63.8(e), (f)(4) and (6), 63.9(b) through (h) that apply to you by the dates specified.

(b) Initial notification. (1) As specified in section 63.9(b)(2), if you have an existing affected source on December 11, 2003, you must submit an initial notification not later than 120 calendar days after December 11, 2003.

(2) As specified in section 63.9(b)(3), if you start up your new affected source on or after December 11, 2003, you must submit an initial notification not later than 120 calendar days after you become subject to this subpart.

(c) Notification of performance test. If you are required to conduct a performance test, you must submit a notification of intent to conduct a performance test at least 60 calendar days before the performance test is scheduled to begin as required in section 63.7(b)(1). For any performance test required as part of the initial compliance procedures for process vessels in Table 1 to this subpart, you must also submit the test plan required by section 63.7(c) and the emission profile with the notification of the performance test.

A. State and Federally Enforceable Section (continued)

18. 40 CFR 63.8075 What reports must I submit and when?

(a) You must submit each report in Table 9 to this subpart that applies to you.

(b) Unless the Administrator has approved a different schedule for submission of reports under section 63.10(a), you must submit each report as specified in Table 9 to this subpart and paragraphs (b)(1) and (2) of this section.

(1) The compliance reports must be submitted semiannually. The first report must be submitted no later than 240 days after the applicable compliance date and shall cover the 6-month period beginning on the compliance date. Each subsequent compliance report must cover the 6-month period following the preceding period.

(2) For each affected source that is subject to permitting regulations pursuant to 40 CFR Part 70 or 40 CFR Part 71, and if the permitting authority has established dates for submitting semiannual reports pursuant to 40 CFR 70.6(a)(3)(iii)(A) or 40 CFR 71.6(a)(3)(iii)(A), you may submit the first and subsequent compliance reports according to the dates the permitting authority has established instead of according to the dates in Table 9.

(c) Precompliance report. You must submit a precompliance report to request approval of any of the information in paragraphs (c)(1) through (4) of this section. We will either approve or disapprove the report within 90 days after we receive it. If we disapprove the report, you must still be in compliance with the emission limitations and work practice standards in this subpart by the compliance date.

(1) Requests for approval to set operating limits for parameters other than those specified in sections 63.8005 through 63.8025, including parameters for enhanced biological treatment units. Alternatively, you may make these requests according to section 63.8(f).

(2) Descriptions of daily or per batch demonstrations to verify that control devices subject to section 63.8000(d)(3) are operating as designed.

A. State and Federally Enforceable Section (continued)

(3) A description of the test conditions, data, calculations, and other information used to establish operating limits according to section 63.8005(e)(1).

(4) If you comply with emissions averaging in section 63.8050, the data and results of emission calculations as specified in sections 63.8050(c)(1) through (3), and rationale for why the sum of actual emissions will be less than the sum of emissions if the process vessels were controlled in accordance with Table 1 to this subpart as specified in section 63.8050(c)(4).

(d) Notification of compliance status report. You must submit a notification of compliance status report according to the schedule in paragraph (d)(2) of this section, and the notification of compliance status report must include the information specified in paragraph (d)(2) of this section.

(1) You must submit the notification of compliance status report no later than 150 days after the applicable compliance date specified in section 63.7995.

(2) The notification of compliance status report must include the information in paragraphs (d)(3)(i) through (vi) of this section.

(i) The results of any applicability determinations (e.g., HAP content of coating products; halogenated vent stream determinations; group determinations for storage tanks, wastewater, and transfer operations; and equipment that is in organic HAP service).

(ii) The results of performance tests, engineering analyses, design evaluations, flare compliance assessments, inspections and repairs, and calculations used to demonstrate initial compliance according to sections 63.8005 through 63.8025 and 63.8055. For performance tests, results must include descriptions of sampling and analysis procedures and quality assurance procedures.

(iii) Descriptions of monitoring devices, monitoring frequencies, and the operating limits established during the initial compliance demonstrations, including data and calculations to support the levels you establish.

A. State and Federally Enforceable Section (continued)

(iv) Identification of parts of the affected source that are subject to overlapping requirements described in section 63.8090 and the authority under which you will comply.

(v) Identify storage tanks for which you are complying with the vapor balancing alternative in section 63.8010(e).

(vi) If you transfer Group 1 wastewater stream to an offsite facility for treatment, include the name and location of the transferee and a description of the Group 1 wastewater stream that is sent to the treatment facility. If the offsite facility provides enhanced biological treatment, also include the certification required by section 63.8020(d) that the offsite facility will comply with the requirements of this subpart.

(e) Compliance report. The compliance report must contain the information specified in paragraphs (e)(1) through (8) of this section.

(1) Company name and address.

(2) Statement by a responsible official with that official's name, title, and signature, certifying the accuracy of the content of the report.

(3) Date of report and beginning and ending dates of the reporting period.

(4) Applicable records and information for periodic reports as specified in referenced Subparts F, SS, TT, UU, and WW of this Part 63.

(5) For each SSM during which excess emissions occur, the compliance report must include the information specified in paragraphs (e)(5)(i) and (ii) of this section.

(i) Records that the procedures specified in your startup, shutdown, and malfunction plan (SSMP) were followed or documentation of actions taken that are not consistent with the SSMP.

(ii) A description of each malfunction.

(6) The compliance report must contain the information on deviations, as defined in section 63.8105, according to paragraphs (e)(6)(i), (ii), and (iii) of this section.

A. State and Federally Enforceable Section (continued)

(i) If there are no deviations from any emission limit, operating limit, or work practice standard specified in this subpart, include a statement that there were no deviations from the emission limits, operating limits, or work practice standards during the reporting period.

(ii) For each deviation from an emission limit, operating limit, and work practice standard that occurs at an affected source where you are not using a continuous monitoring system (CMS) to comply with the emission limit or work practice standards in this subpart, you must include the information in paragraphs (e)(6)(ii)(A) through (C) of this section.

(A) The total operating time of each affected source during the reporting period.

(B) Information on the number, duration, and cause of deviations (including unknown cause, if applicable), as applicable, and the corrective action taken.

(C) Operating logs for the day(s) during which the deviation occurred, except operating logs are not required for deviations of the work practice standards for equipment leaks.

(iii) For each deviation from an emission limit or operating limit occurring at an affected source where you are using a CMS to comply with the emission limit in this subpart, you must include the information in paragraphs (e)(6)(iii)(A) through (K) of this section. This includes periods of SSM.

(A) The date and time that each CMS was inoperative, except for zero (low-level) and high-level checks.

(B) The date, time, and duration that each CEMS was out-of-control, including the information in section 63.8(c)(8).

(C) The date and time that each deviation started and stopped, and whether each deviation occurred during a period of startup, shutdown, or malfunction or during another period.

(D) A summary of the total duration of the deviation during the reporting period, and the total duration as a percent of the total source operating time during that reporting period.

A. State and Federally Enforceable Section (continued)

(E) A breakdown of the total duration of the deviations during the reporting period into those that are due to startup, shutdown, control equipment problems, process problems, other known causes, and other unknown causes.

(F) A summary of the total duration of CMS downtime during the reporting period, and the total duration of CMS downtime as a percent of the total source operating time during that reporting period.

(G) An identification of each HAP that is known to be in the emission stream or wastewater stream, as applicable.

(H) A description of the product being produced.

(I) Identification of the CMS.

(J) The date of the latest CMS certification or audit.

(K) The operating day or operating block average values of monitored parameters for each day(s) during which the deviation occurred.

(7) If you use a CEMS, and there were no periods during which it was out-of-control as specified in section 63.8(c)(7), include a statement that there were no periods during which the CEMS was out-of-control during the reporting period.

(8) Notification of process change. (i) Except as specified in paragraph (e)(8)(ii) of this section, whenever you change any of the information submitted in either the notification of compliance status report or any previously reported change to the notification of compliance status report, you must document the change in your compliance report. The notification must include all of the information in paragraphs (e)(8)(i)(A) and (B) of this section.

(A) Revisions to any of the information reported in the original notification of compliance status report under paragraph (d) of this section.

(B) Information required by the notification of compliance status report under paragraph (d) of this section for changes involving the addition of processes or equipment at the affected source.

(ii) You must submit a report 60 days before the scheduled implementation date of any of the changes identified in paragraphs (e)(8)(ii)(A), (B), or (C) of this section.

(A) Any change to the information contained in either the precompliance report or any previously reported change to the precompliance report.

(B) A change in the status of a control device from small to large.

(C) A change in compliance status.

A. State and Federally Enforceable Section (continued)

19. 40 CFR 63.8080 What records must I keep?

You must keep the records specified in paragraphs (a) through (g) of this section.

(a) Each applicable record required by Subpart A of this Part 63 and in referenced Subparts SS, TT, UU, and WW of this Part 63.

(b) If complying with emissions averaging, records of the monthly number of batches for each process vessel, the quarterly actual emissions for each process vessel, the quarterly estimated emissions for each process vessel if it had been controlled as specified in Table 1 to this subpart, and comparison of the sums of the quarterly actual and estimated emissions as specified in section 63.8050(d).

(c) A record of each time a safety device is opened to avoid unsafe conditions in accordance with section 63.8000(b)(2).

(d) Records of the results of each CPMS calibration check and the maintenance performed, as specified in section 63.8000(d)(5).

(e) For each CEMS, you must keep the records of the date and time that each deviation started and stopped, and whether the deviation occurred during a period of startup, shutdown, or malfunction or during another period.

(f) In the SSMP required by section 63.6(e)(3), you are not required to include Group 2 or non-affected emission points. For equipment leaks only, the SSMP requirement is limited to control devices and is optional for other equipment.

(g) If you establish separate operating limits as allowed in section 63.8005(e), you must maintain a log of operation or a daily schedule indicating the time when you change from one operating limit to another.

20. Other Requirements and Information

40 CFR 63.8090 What compliance options do I have if part of my plant is subject to both this subpart and another subpart?

(a) Compliance with 40 CFR Parts 264 and 265, Subparts AA, BB, and/or CC. (1) After the compliance dates specified in section 63.7995, if a control device that you use to comply with this subpart is also subject to monitoring, record keeping, and reporting requirements in 40 CFR Part 264, Subpart AA, BB, or CC; or the monitoring and record keeping requirements in 40 CFR Part 265, Subpart AA, BB, or CC; and you comply with the periodic reporting requirements under 40 CFR Part 264, Subpart AA, BB, or CC that would apply to the device if your facility had final-permitted status, you may elect to comply either with the monitoring, record keeping, and reporting requirements of this subpart; or with the monitoring and record keeping requirements in 40 CFR Part 264 or 265 and the reporting requirements in 40 CFR Part 264, as described in this paragraph (a), which constitute compliance with the monitoring, record keeping, and reporting requirements of this subpart. If you elect to comply with the monitoring, record keeping, and reporting requirements in 40 CFR Parts 264 and/or 265, you must report the information required for the compliance report in section 63.8075(e), and you must identify in the notification of compliance status report required by section 63.8075(d) the monitoring, record keeping, and reporting authority under which you will comply.

A. State and Federally Enforceable Section (continued)

(2) After the compliance dates specified in this section, if any equipment at an affected source that is subject to this subpart is also subject to 40 CFR Part 264, Subpart BB or to 40 CFR Part 265, Subpart BB, then compliance with the record keeping and reporting requirements of 40 CFR Part 264 and/or 265 may be used to comply with the record keeping and reporting requirements of section 63.1255, to the extent that the requirements of 40 CFR Part 264 and/or 265 duplicate the requirements of this subpart. You must identify in the notification of compliance status report required by section 63.8075(d) if you will comply with the record keeping and reporting authority under 40 CFR Part 264 and/or 265.

(b) Compliance with 40 CFR Part 60, Subpart Kb. After the compliance dates specified in section 63.7995, you are in compliance with this subpart for any storage tank that is assigned to miscellaneous coating manufacturing operations and that is both controlled with a floating roof and in compliance with the provisions of 40 CFR Part 60, Subpart Kb. You are in compliance with this subpart if you have a storage tank with a fixed roof, closed-vent system, and control device in compliance with 40 CFR Part 60, Subpart Kb, you must comply with the monitoring, record keeping, and reporting requirements in this subpart. You must also identify in your notification of compliance status report required by section 63.8075(d) which storage tanks are in compliance with 40 CFR Part 60, Subpart Kb.

21. 40 CFR 63.8095 What parts of the General Provisions apply to me?

Table 10 to this subpart shows which parts of the General Provisions in sections 63.1 through 63.15 apply to you.

22. 40 CFR 63.8100 Who implements and enforces this subpart?

(a) This subpart can be implemented and enforced by us, the U.S. Environmental Protection Agency (U.S. EPA), or a delegated authority such as your State, local, or tribal agency. If the U.S. EPA Administrator has delegated authority to your State, local, or tribal agency, then that agency also has the authority to implement and enforce this subpart. You should contact your U.S. EPA Regional Office to find out if this subpart is delegated to your State, local, or tribal agency.

(b) In delegating implementation and enforcement authority of this subpart to a State, local, or tribal agency under 40 CFR Part 63, Subpart E, the authorities contained in paragraphs (b)(1) through (4) of this section are retained by the Administrator of U.S. EPA and are not delegated to the State, local, or tribal agency.

(1) Approval of alternatives to the non-opacity emission limits and work practice standards in section 63.8000(a) under section 63.6(g).

(2) Approval of major alternatives to test methods under section 63.7(e)(2)(ii) and (f) and as defined in section 63.90.

(3) Approval of major alternatives to monitoring under section 63.8(f) and as defined in section 63.90.

(4) Approval of major alternatives to record keeping and reporting under section 63.10(f) and as defined in section 63.90.

B. State Only Enforceable Section

1. The following insignificant emissions units located at this facility are exempt from permit requirements because they are not subject to any applicable requirements or because they meet the "de minimis" criteria established in OAC rule 3745-15-05:

K001 - Lab Sample Spray Coating;
P001 - Day Mixers, Rubber-Wax-Resin Churns #141, 142, and 143;
P002 - BFG Design Stack 671 Compounding Black Rubber;
P003 - Farrel Birmingham Stack C-7 Rubber Mill;
P004 - Autoclaves, Hoods, Mills-Coat Fabric;
P015 - Hot Melt Spreader;
P016 - Trash Compactor;
P019 - Three Roll Ink Mill;
P020 - Hot Melt Unloading Drum Pumps;
P022 - Mixing Powders into Liquids 276-B;
P023 - Hoods Scales Compounding Area 502-D;
Z001 - Gas Oven;
Z002 - Rubber 2-Roll Mill and Calender;
Z003 - Tops of Hoppers & Weigh Belts;
Z004 - Carmen Unit - Feed System;
Z008 - Vertical Extruder;
Z009 - Twin Screw Extruder;
Z010 - Equipment Cleaning Tank #1;
Z012 - Extruder;
Z014 - Equipment Cleaning Tank #2;
Z015 - Equipment Cleaning Tank #3;
Z110 - 40MIX110 - Water Base Mixer;
Z435 - 40MIX435 - Water Base Mixer;
Z501 - 40 MIX 501 - 300-gallon Myers Mixer;
Z502 - 40 MIX 502 - 75-gallon Ross Mixer;
Z503 - 40 MIX 503 - 100-gallon Ross Mixer;
Z504 - 40MIX504 - 50-gallon Ross Mixer;
Z505 - 40 MIX 505 - 8-gallon Ross Mixer;
Z506 - 40 MIX 506 - 150-gallon Myers Mixer;
Z508 - 40 MIX 508 - 50-gallon Mixer;
Z509 - 40 MIX 509 - 50-gallon Mixer; and
Z510 - 40MIX510 - 250-gallon Schold Mixer.

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: 40 MIX 102 - 1000 gal. Chemineer Horizontal Mixer (P102)

Activity Description: 1000 gal. Chemineer Horizontal Process Mixer

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 MIX 102 - 1000-gallon Chemineer horizontal mixer	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 103 - 1000 gal. Chemineer Rubber Churn (P103)

Activity Description: 1000 gal. Chemineer Rubber Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 103 - 1000-gallon Chemineer rubber churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 104 - 1000 gal. Chemineer Churn (P104)

Activity Description: 1000 gal. Chemineer Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 104 - 1000-gallon Chemineer churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 MIX 105 - 1000 gal. Chemineer Horizontal Mixer (P105)

Activity Description: 1000 gal. Chemineer Horizontal Process Mixer

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 MIX 105 - 1000-gallon Chemineer horizontal process mixer	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 MIX 106 - 1000 gal. Chemineer Horizontal Mixer (P106)

Activity Description: 1000 gal. Chemineer Horizontal Process Mixer

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 MIX 106 - 1000-gallon Chemineer horizontal process mixer	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 MIX 107 - 2200 gal. Mixer (Hockmeyer) (P107)

Activity Description: 2200 gal. Process Mixer (Hockmeyer)

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 MIX 107 - 2200-gallon process mixer (Hockmeyer)	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 MIX 108 - 1000 gal. Paterson Horizontal Mixer (P108)

Activity Description: 1000 gal. Paterson Horizontal Process Mixer

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 MIX 108 - 1000-gallon Paterson horizontal process mixer	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 MIX 109 - 1000 gal. Day Nauta Mixer (P109)

Activity Description: 1000 gal. Day Nauta Process Mixer

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 MIX 109 - 1000-gallon Day Nauta process mixer	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 MIX 120 - Shar Hi Speed Mixer (P120)

Activity Description: Shar Hi Speed Mixer

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 MIX 120 - Shar hi speed mixer	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 MIX 124 - 300 gal. High Speed Hockmeyer Mixer (P124)

Activity Description: 300 gal. High Speed Hockmeyer Mixer

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 MIX 124 - 300-gallon hi speed Hockmeyer mixer	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 MIX 125 - Lightnin Mixer (P125)

Activity Description: Lightnin Mixer

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 MIX 125 - Lightnin mixer	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 MIX 126 - Lightnin Mixer (P126)

Activity Description: Lightnin Mixer

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 MIX 126 - Lightnin mixer	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 MIX 127 - Lightnin Mixer (P127)

Activity Description: Lightnin Mixer

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 MIX 127 - Lightnin mixer	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 MIX 128 - Air Lightnin Mixer (P128)

Activity Description: Air Lightnin Mixer

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 MIX 128 - air Lightnin mixer	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 MIX 129 - Air Lightnin Mixer (P129)

Activity Description: Air Lightnin Mixer

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 MIX 129 - air Lightnin mixer	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 201 - 500 gal. Struthers Wells Churn (P201)

Activity Description: 500 gal. Struthers Wells Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 201 - 500-gallon Struthers Wells process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 202 - 500 gal. Struthers Wells Churn (P202)

Activity Description: 500 gal. Struthers Wells Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 202 - 500-gallon Struthers Wells process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 203 - 500 gal. Struthers Wells Churn (P203)

Activity Description: 500 gal. Struthers Wells Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 203 - 500-gallon Struthers Wells process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 204 - 1000 gal. Chemineer Churn (P204)

Activity Description: 1000 gal. Chemineer Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 204 - 1000-gallon Chemineer process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 205 - 1000 gal. Chemineer Churn (P205)

Activity Description: 1000 gal. Chemineer Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 205 - 1000-gallon Chemineer process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 207 - 500 gal. Struthers Wells Churn (P207)

Activity Description: 500 gal. Struthers Wells Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 207 - 500-gallon Struthers Wells process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 208 - 500 gal. Struthers Wells Churn (P208)

Activity Description: 500 gal. Struthers Wells Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 208 - 500-gallon Struthers Wells process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 209 - 500 gal. Struthers Wells Churn (P209)

Activity Description: 500 gal. Struthers Wells Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 209 - 500-gallon Struthers Wells process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 210 - 1000 gal. Chemineer Churn (P210)

Activity Description: 1000 gal. Chemineer Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 210 - 1000-gallon Chemineer process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 211 - 1000 gal. Chemineer Churn (P211)

Activity Description: 1000 gal. Chemineer Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 211 - 1000-gallon Chemineer process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 212 - 500 gal. Struthers Wells Churn (P212)

Activity Description: 500 gal. Struthers Wells Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 212 - 500-gallon Struthers Wells process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 301 - 250 gal. Struthers Wells Churn (P301)

Activity Description: 250 gal. Struthers Wells Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 301 - 250-gallon Struthers Wells process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 302 - 250 gal. Struthers Wells Churn (P302)

Activity Description: 250 gal. Struthers Wells Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 302 - 250-gallon Struthers Wells process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 303 - 250 gal. Struthers Wells Churn (P303)

Activity Description: 250 gal. Struthers Wells Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 303 - 250-gallon Struthers Wells process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 304 - 250 gal. Struthers Wells Churn (P304)

Activity Description: 250 gal. Struthers Wells Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 304 - 250-gallon Struthers Wells process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 MIX 305 - 1000 gal. Day Nauta Mixer (P305)

Activity Description: 1000 gal. Day Nauta Mixer

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 MIX 305 - 1000-gallon Day Nauta mixer	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 MIX 306 - Horizontal Mixer (P306)

Activity Description: Horizontal Mixer

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 MIX 306 - horizontal mixer	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 307 - 250 gal. Struthers Wells Churn (P307)

Activity Description: 250 gal. Struthers Wells Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 307 - 250-gallon Struthers Wells process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 308 - 250 gal. Struthers Wells Churn (P308)

Activity Description: 250 gal. Struthers Wells Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 308 - 250-gallon Struthers Wells process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 309 - 250 gal. Struthers Wells Churn (P309)

Activity Description: 250 gal. Struthers Wells Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 309 - 250-gallon Struthers Wells process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 310 - 250 gal. Struthers Wells Churn (P310)

Activity Description: 250 gal. Struthers Wells Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 310 - 250-gallon Struthers Wells process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 311 - 250 gal. Struthers Wells Churn (P311)

Activity Description: 250 gal. Struthers Wells Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 311 - 250-gallon Struthers Wells process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 MIX 313 - 1000 gal. Day Nauta Mixer (P313)

Activity Description: 1000 gal. Day Nauta Mixer

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 MIX 313 - 1000-gallon Day Nauta mixer	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 314 - 1200 gal. Chemineer Churn (P314)

Activity Description: 1200 gal. Chemineer Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 314 - 1200-gallon Chemineer process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 315 - 1000 gal. Chemineer Churn (P315)

Activity Description: 1000 gal. Chemineer Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 315 - 1000-gallon Chemineer process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 320 - 1000 gal. Struthers Wells Churn (P320)

Activity Description: 1000 gal. Struthers Wells Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 320 - 1,000-gallon Struthers Wells Adhesive Churn with Vapor Recovery Drum Filter System	OAC rule 3745-31-05(A)(3) (PTI 16-02195)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G)(2). 5.4 lbs/hr of organic compounds (OC) 10.8 lbs/day of OC 1.97 tpy of OC
	OAC rule 3745-21-07(G)(2)	See section A.I.2.a below.

2. Additional Terms and Conditions

2.a The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a-b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

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

2. The permittee shall calculate and record the total daily organic compound emission rate for all batches produced during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions exceeded 5.4 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions exceeded 10.8 pounds per day, and the actual organic compound emissions for each such day.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

2. These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.1 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

5.4 lbs/hr of organic compounds

Applicable Compliance Method:

If required, compliance with this mass emission limitation shall be based on stack testing in accordance with Method 25, 40 CFR Part 60, Appendix A.

The facility shall calculate actual air emissions from each batch processed. Compliance with the above emission limit shall be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

1.b Emission Limitation:

10.8 lbs/day of organic compounds

Applicable Compliance Method:

The facility shall calculate actual air emissions from each batch processed. Compliance with the above emission limit shall be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in sections A.III.1 and A.III.2.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

V. Testing Requirements (continued)

1.c Emission Limitation:

1.97 tpy of organic compounds

Applicable Compliance Method:

Compliance shall be demonstrated by multiplying the maximum daily organic emission rate by 365 days per year, and then dividing the result by 2000 lbs/ton.

[Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)]

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 401 - 100 gal. Struthers Wells Churn (P401)

Activity Description: 100 gal. Struthers Wells Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 401 - 100-gallon Struthers Wells process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 MIX 405 - 1000 gal. Chemineer Horizontal Churn (P405)

Activity Description: 1000 gal. Chemineer Horizontal Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 MIX 405 - 1000-gallon Chemineer horizontal churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 PMILL 406 - 50 gal. Pebble Mill (P406)

Activity Description: 50 gal. Pebble Mill

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 PMILL 406 - 50-gallon pebble mill	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 408 - 50 gal. Chemineer Churn (P408)

Activity Description: 50 gal. Chemineer Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 408 - 50-gallon Chemineer process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 409 - 50 gal. Chemineer Churn (P409)

Activity Description: 50 gal. Chemineer Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 409 - 50-gallon Chemineer process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 410 - 100 gal. Chemineer Churn (P410)

Activity Description: 100 gal. Chemineer Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 410 - 100-gallon Chemineer process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 412 - 100 gal. Chemineer Churn (P412)

Activity Description: 100 gal. Chemineer Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 412 - 100-gallon Chemineer process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 413 - 100 gal. Chemineer Churn (P413)

Activity Description: 100 gal. Chemineer Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 413 - 100-gallon Chemineer process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 414 - 50 gal. Chemineer Churn (P414)

Activity Description: 50 gal. Chemineer Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 414 - 50-gallon Chemineer process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 415 - 50 gal. Chemineer Churn (P415)

Activity Description: 50 gal. Chemineer Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 415 - 50-gallon Chemineer process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 416 - 50 gal. Chemineer Churn (P416)

Activity Description: 50 gal. Chemineer Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 416 - 50-gallon Chemineer process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 418 - 50 gal. Struthers Wells Churn (P418)

Activity Description: 50 gal. Struthers Wells Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 418 - 50-gallon Struthers Wells process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 419 - 100 gal. Glass Lined Churn (P419)

Activity Description: 100 gal. Glass Lined Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 419 - 100-gallon glass lined process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 420 - 100 gal. Turbo-Mixer Churn (P420)

Activity Description: 100 gal. Turbo-Mixer Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 420 - 100-gallon turbo-mixer process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 421 - 100 gal. Gilbert Tramer Churn (P421)

Activity Description: 100 gal. Gilbert Tramer Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 421 - 100-gallon Gilbert Tramer process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 422 - 100 gal. Gilbert Tramer Churn (P422)

Activity Description: 100 gal. Gilbert Tramer Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 422 - 100-gallon Gilbert Tramer process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 424 - 100 gal. Gilbert Tramer Churn (P424)

Activity Description: 100 gal. Gilbert Tramer Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 424 - 100-gallon Gilbert Tramer process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 CHN 425 - 100 gal. Gilbert Tramer Churn (P425)

Activity Description: 100 gal. Gilbert Tramer Process Churn

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 CHN 425 - 100-gallon Gilbert Tramer process churn	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 MIX 504 - Schold Mixer (P504)

Activity Description: Schold Mixer

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 MIX 504 - Schold mixer	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 PMILL 301 - 100 gal. Pebble Mill (P601)

Activity Description: 100 gal. Pebble Mill

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 PMILL 301 - 100-gallon pebble mill	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: 40 PMILL 307 - 100 gal. Pebble Mill (P607)

Activity Description: 100 gal. Pebble Mill

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
40 PMILL 307 - 100-gallon pebble mill	OAC rule 3745-21-07(G)(2)	See sections A.I.2.a and A.I.2.b.

2. Additional Terms and Conditions

2.a The permittee shall not discharge more than 8 pounds of organic material in any one hour into the atmosphere, nor more than 40 pounds in any one day, during any day when photochemically reactive materials, as defined under OAC rule 3745-21-01(C)(5), are employed.

2.b On any day when photochemically reactive materials are employed, all of the organic material emissions from this emissions unit count toward the hourly and daily limits, including the emissions from nonphotochemically reactive materials, except nonphotochemically reactive cleanup materials.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each and every batch, for each day during which any photochemically reactive material is employed:

a. the initial weight of the batch, in pounds;

b. the final weight of the batch, in pounds;

c. the number of hours during which the reaction transpired;

d. the calculated total organic compound emissions for the batch, i.e. (a - b), in pounds; and

e. the average hourly organic compound emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

[Authority for term: OAC rule 3745-77-07(C)(1)]

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

2. Each day during which any photochemically reactive material is employed, the permittee also shall calculate and record the total daily organic compound emission rate for all batches produced and for all photochemically reactive cleanup materials employed during the day, in pounds per day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that include the following information:

a. an identification of each day during which the average hourly organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and

b. an identification of each day during which the organic compound emissions from the adhesives and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These reports shall be submitted in accordance with the requirements specified in General Term and Condition A.1.c of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

8.0 pounds per hour of organic material

Applicable Compliance Method:

Compliance with the above emission limitation may be demonstrated based upon the average emissions over the total batch processing time and the record keeping requirements in section A.III.1. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

If required, compliance with this mass emission limitation shall be demonstrated based upon emission testing in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

[Authority for term: OAC rule 3745-77-07(C)(1)]

1.b Emission Limitation:

40.0 pounds per day of organic material

Applicable Compliance Method:

Compliance with the above emission limitation shall be demonstrated based upon the total emissions from all batches produced during a day and the record keeping requirements in sections A.III.1 and A.III.2. The permittee shall calculate actual air emissions from each batch processed using the calculations in section A.III.1.

[Authority for term: OAC rule 3745-77-07(C)(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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: Acetone Tank (T001)

Activity Description: Fixed Roof Tank for acetone

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Rubber solvent storage tank - tank no. 1197; 15,000-gallon fixed roof tank for trichloroethylene	OAC rule 3745-31-05(A)(3) (PTI 16-00433)	See section A.II.1.
	OAC rule 3745-21-07(D)(2)	See section A.I.2.a.

2. Additional Terms and Conditions

2.a The restriction based on this applicable rule is less stringent than the restriction established pursuant to OAC rule 3745-31-05(A)(3).

II. Operational Restrictions

1. The fixed roof storage tank shall be equipped with a permanent submerged fill pipe.

[Authority for term: PTI 16-00433, OAC rule 3745-77-07(A)(1)]

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: Heptane Tank (T002)

Activity Description: Fixed Roof Tank for Heptane

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Hexane storage tank - tank no. 1210; 15,000-gallon fixed roof tank	OAC rule 3745-31-05(A)(3) (PTI 16-00433)	See section A.II.1.
	OAC rule 3745-21-07(D)(2)	See section A.I.2.a.

2. Additional Terms and Conditions

2.a The restriction based on this applicable rule is less stringent than the restriction established pursuant to OAC rule 3745-31-05(A)(3).

II. Operational Restrictions

1. The fixed roof storage tank shall be equipped with a permanent submerged fill pipe.

[Authority for term: PTI 16-00433, OAC rule 3745-77-07(A)(1)]

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: Toluene Tank (T003)

Activity Description: Fixed Roof Tank for Toluene

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Toluene storage tank - tank no. 1205; 15,000-gallon fixed roof tank	OAC rule 3745-31-05(A)(3) (PTI 16-00433)	See section A.II.1.
	OAC rule 3745-21-07(D)(2)	See section A.I.2.a.

2. Additional Terms and Conditions

2.a The restriction based on this applicable rule is less stringent than the restriction established pursuant to OAC rule 3745-31-05(A)(3).

II. Operational Restrictions

1. The fixed roof storage tank shall be equipped with a permanent submerged fill pipe.

[Authority for term: PTI 16-00433, OAC rule 3745-77-07(A)(1)]

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: Textile Spirits Tank (T004)

Activity Description: Fixed Roof Tank for Textile Spirts

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Textile spirits storage tank - tank no. 40-100567; 15,000-gallon fixed roof tank	OAC rule 3745-31-05(A)(3) (PTI 16-00433)	See section A.II.1.
	OAC rule 3745-21-07(D)(2)	See section A.I.2.a.

2. Additional Terms and Conditions

2.a The restriction based on this applicable rule is less stringent than the restriction established pursuant to OAC rule 3745-31-05(A)(3).

II. Operational Restrictions

1. The fixed roof storage tank shall be equipped with a permanent submerged fill pipe.

[Authority for term: PTI 16-00433, OAC rule 3745-77-07(A)(1)]

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: Methyl Ethyl Ketone Tank (T005)

Activity Description: Fixed Roof Tank for Methyl Ethyl Ketone

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
MEK storage tank - tank no. 1599; 15,000-gallon fixed roof tank	OAC rule 3745-31-05(A)(3) (PTI 16-00433)	See section A.II.1.
	OAC rule 3745-21-07(D)(2)	See section A.I.2.a.

2. Additional Terms and Conditions

2.a The restriction based on this applicable rule is less stringent than the restriction established pursuant to OAC rule 3745-31-05(A)(3).

II. Operational Restrictions

1. The fixed roof storage tank shall be equipped with a permanent submerged fill pipe.

[Authority for term: PTI 16-00433, OAC rule 3745-77-07(A)(1)]

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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: N-Propyl Bromide (T007)

Activity Description: Fixed Roof Tank for n-propyl bromide

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.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Solvent mixture storage tank - tank no. 41-7004; 15,000-gallon fixed roof tank	OAC rule 3745-31-05(A)(3) (PTI 16-00433)	See section A.II.1.
	OAC rule 3745-21-07(D)(2)	See section A.I.2.a.

2. Additional Terms and Conditions

2.a The restriction based on this applicable rule is less stringent than the restriction established pursuant to OAC rule 3745-31-05(A)(3).

II. Operational Restrictions

1. The fixed roof storage tank shall be equipped with a permanent submerged fill pipe.

[Authority for term: PTI 16-00433, OAC rule 3745-77-07(A)(1)]

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

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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Tables to Subpart HHHHH of Part 63

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Tables to Subpart HHHHH of Part 63

Table 1 to Subpart HHHHH of Part 63. Emission Limits and Work Practice Standards for Process Vessels

As required in §63.8005, you must meet each emission limit and work practice standard in the following table that applies to your process vessels:

For each. . .	You must . . .	And you must. . .
1. Portable process vessel at an existing source	a. Equip the vessel with a cover or lid that must be in place at all times when the vessel contains a HAP.	Non applicable
2. Stationary process vessel at an existing source	a. Equip the vessel with a cover or lid that must be in place at all times when the vessel contains a HAP; or	i. Considering both capture and any combination of control (except a flare), reduce emissions by ≥75 percent by weight for each HAP with a vapor pressure ≥0.6 kPa and by ≥60 percent for each HAP with a vapor pressure <0.6 kPa.
	b. Equip the vessel with a tightly fitting vented cover or lid that must be closed at all times when the vessel contains HAP.	i. Reduce emissions of each HAP with a vapor pressure ≥0.6 kPa by ≥75 percent by weight and each HAP with a vapor pressure <0.6 kPa by ≥60 percent by weight by venting emissions through a closed-vent system to any combination of control devices (except a flare); or ii. Reduce emissions of total organic HAP by venting emissions from a non-halogenated vent stream through a closed-vent system to a flare; or iii. Reduce emissions of total organic HAP by venting emissions through a closed-vent system to a condenser that reduces the outlet gas temperature to: <10°C if the process vessel contains HAP with

		a partial pressure <0.6 kPa, or <2°C if the process vessel contains HAP with a partial pressure ≥0.6 kPa and <17.2 kPa, or <-5°C if the process vessel contains HAP with a partial pressure ≥17.2 kPa.
3. Portable and stationary process vessel at a new source	a. Equip the vessel with a tightly fitting vented cover or lid that must be closed at all times when the vessel contains HAP.	i. Reduce emissions of total HAP by ≥95 percent by weight by venting emissions through a closed-vent system to any combination of control devices (except a flare); or ii. Reduce emissions of total organic HAP by venting emissions from a non-halogenated vent stream through a closed-vent system to a flare; or iii. Reduce emissions of total organic HAP by venting emissions through a closed-vent system to a condenser that reduces the outlet gas temperature to: <-4°C if the process vessel contains HAP with a partial pressure <0.7 kPa, or <-20°C if the process vessel contains HAP with a partial pressure ≥0.7 kPa and <17.2 kPa, or <-30°C if the process vessel contains HAP with a partial pressure ≥17.2 kPa.
4. Halogenated vent steam from a process vessel subject to the requirements of item 2 or 3 of this table for which you use a combustion control device to control organic HAP emissions	a. Use a halogen reduction device after the combustion control device; or	i. Reduce overall emissions of hydrogen halide and halogen HAP by ≥95 percent; or ii. Reduce overall emissions of hydrogen halide and halogen HAP to ≤0.45 kilogram per hour (kg/hr).
	b. Use a halogen reduction device before the combustion control device	Reduce the halogen atom mass emission rate to ≤0.45 kg/hr.

Table 2 to Subpart HHHHH of Part 63. Emission Limits for Storage Tanks

As required in §63.8010, you must meet each emission limit in the following table that applies to your storage tanks:

For each. . .	Then you must. . .
1. Group 1a storage tank.	a. Comply with the requirements of subpart WW of this part, except as specified in §63.8010(b); or b. Reduce total organic HAP emissions from the storage tank by ≥90 percent by weight by venting emissions through a closed-vent system to any combination of control devices (excluding a flare); or c. Reduce total organic HAP emissions from the storage tank by venting emissions from a non-halogenated vent stream through a closed-vent system to a flare.
2. Group 1b storage tank.	a. Comply with the requirements of subpart WW of this part, except as specified in §63.8010(b); or b. Reduce total organic HAP emissions from the storage tank by ≥80 percent by weight by venting emissions through a closed-vent system to any combination of control devices (excluding a flare); or c. Reduce total organic HAP emissions from the storage tank by venting emissions from a non-halogenated vent stream through a closed-vent system to a flare.

Table 3 to Subpart HHHHH of Part 63. Requirements for Equipment Leaks

As required in §63.8015, you must meet each requirement in the following table that applies to your equipment leaks:

For all . . .	You must . . .
1. Equipment that is in organic HAP service at an existing source.	a. Comply with the requirements in §§63.424(a) through (d) and 63.428(e), (f), and (h)(4), except as specified in §63.8015(b); or b. Comply with the requirements of subpart TT of this part; or c. Comply with the requirements of subpart UU of this part, except as specified in §63.8015(c) and (d).
2. Equipment that is in organic HAP service at a new source.	a. Comply with the requirements of subpart TT of this part; or b. Comply with the requirements of subpart UU of this part, except as specified in §63.8015(c) and (d).

Table 4 to Subpart HHHHH of Part 63. Emission Limits and Work Practice Standards for Wastewater Streams

As required in §63.8020, you must meet each emission limit and work practice standard in the following table that applies to your wastewater streams:

For each . . .	You must . . .
1. Wastewater tank used to store a Group 1 wastewater stream	a. Maintain a fixed roof, which may have openings necessary for proper venting of the tank, such as pressure/vacuum vent or j-pipe vent.
2. Group 1 wastewater stream	a. Convey using hard-piping and treat the wastewater as a hazardous waste in accordance with 40 CFR part 264, 265, or 266 either onsite or offsite; or b. If the wastewater contains <50 ppmw of partially soluble HAP, you may elect to treat the wastewater in an enhanced biological treatment system that is located either onsite or offsite.

Table 5 to Subpart HHHHH of Part 63. Emission Limits and Work Practice Standards for Transfer Operations

As required in §63.8025, you must meet each emission limit and work practice standard in the following table that applies to your transfer operations:

For each . . .	You must . . .
1. Group 1 transfer operation vent stream	a. Reduce emissions of total organic HAP by ≥75 percent by weight by venting emissions through a closed-vent system to any combination of control devices (except a flare); or b. Reduce emissions of total organic HAP by venting emissions from a non-halogenated vent stream through a closed-vent system to a flare; or c. Use a vapor balancing system designed and operated to collect organic HAP vapors displaced from tank trucks and railcars during loading and route the collected HAP vapors to the storage tank from which the liquid being loaded originated or to another storage tank connected by a common header.
2. Halogenated Group 1 transfer operation vent stream for which you use a combustion device to control organic HAP emissions.	a. Use a halogen reduction device after the combustion device to reduce emissions of hydrogen halide and halogen HAP by ≥95 percent by weight or to ≤0.45 kg/hr; or b. Use a halogen reduction device before the combustion device to reduce the halogen atom mass emission rate to ≤0.45 kg/hr.

Table 6 to Subpart HHHHH of Part 63. Requirements for Heat Exchange Systems

As required in §63.8030, you must meet each requirement in the following table that applies to your heat exchange systems:

For each . . .	You must . . .
Heat exchange system, as defined in §63.101	Comply with the requirements in §63.104, except as specified in §63.8030.

Table 7 to Subpart HHHHH of Part 63. Partially Soluble Hazardous Air Pollutants

As specified in §63.8020, the partially soluble HAP in wastewater that are subject to management and treatment requirements in this subpart are listed in the following table:

Chemical name . . .	CAS No.
1. 1,1,1-Trichloroethane (methyl chloroform)	71556
2. 1,1,2,2-Tetrachloroethane	79345
3. 1,1,2-Trichloroethane	79005
4. 1,1-Dichloroethylene (vinylidene chloride)	75354
5. 1,2-Dibromoethane	106934
6. 1,2-Dichloroethane (ethylene dichloride)	107062
7. 1,2-Dichloropropane	78875
8. 1,3-Dichloropropene	542756
9. 2,4,5-Trichlorophenol	95954
10. 2-Butanone (MEK)	78933
11. 1,4-Dichlorobenzene	106467
12. 2-Nitropropane	79469
13. 4-Methyl-2-pentanone (MIBK)	108101
14. Acetaldehyde	75070
15. Acrolein	107028
16. Acrylonitrile	107131
17. Allyl chloride	107051
18. Benzene	71432
19. Benzyl chloride	100447
20. Biphenyl	92524
21. Bromoform (tribromomethane)	75252

22. Bromomethane	74839
23. Butadiene	106990
24. Carbon disulfide	75150
25. Chlorobenzene	108907
26. Chloroethane (ethyl chloride)	75003
27. Chloroform	67663
28. Chloromethane	74873
29. Chloroprene	126998
30. Cumene	98828
31. Dichloroethyl ether	111444
32. Dinitrophenol	51285
33. Epichlorohydrin	106898
34. Ethyl acrylate	140885
35. Ethylbenzene	100414
36. Ethylene oxide	75218
37. Ethylidene dichloride	75343
38. Hexachlorobenzene	118741
39. Hexachlorobutadiene	87683
40. Hexachloroethane	67721
41. Methyl methacrylate	80626
42. Methyl-t-butyl ether	1634044
43. Methylene chloride	75092
44. N-hexane	110543
45. N,N-dimethylaniline	121697
46. Naphthalene	91203
47. Phosgene	75445
48. Propionaldehyde	123386

49. Propylene oxide	75569
50. Styrene	100425
51. Tetrachloroethylene (perchloroethylene)	79345
52. Tetrachloromethane (carbon tetrachloride)	56235
53. Toluene	108883
54. Trichlorobenzene (1,2,4-)	120821
55. Trichloroethylene	79016
56. Trimethylpentane	540841
57. Vinyl acetate	108054
58. Vinyl chloride	75014
59. Xylene (m)	108383
60. Xylene (o)	95476
61. Xylene (p)	106423

Table 8 to Subpart HHHHH of Part 63. Soluble Hazardous Air Pollutants

As specified in §63.8020, the soluble HAP in wastewater that are subject to management and treatment requirements of this subpart are listed in the following table:

Chemical name . . .	CAS No.
1. Acetonitrile	75058
2. Acetophenone	98862
3. Diethyl sulfate	64675
4. Dimethyl hydrazine (1,1)	58147
5. Dimethyl sulfate	77781
6. Dinitrotoluene (2,4)	121142
7. Dioxane (1,4)	123911
8. Ethylene glycol dimethyl ether	
9. Ethylene glycol monobutyl ether acetate	
10. Ethylene glycol monomethyl ether acetate	
11. Isophorone	78591
12. Methanol	67561
13. Nitrobenzene	98953
14. Toluidine (o-)	95534
15. Triethylamine	121448

Table 9 to Subpart HHHHH of Part 63. Requirements for Reports

As required in §63.8075(a) and (b), you must submit each report that applies to you on the schedule shown in the following table:

You must submit a	The report must contain...	You must submit the report...
1. Precompliance report	The information specified in §63.8075(c).	At least 6 months prior to the compliance date; or for new sources, with the application for approval of construction or reconstruction.
2. Notification of compliance status report	The information specified in §63.8075(d)	No later than 150 days after the compliance date specified in §63.7995.
3. Compliance report	The information specified in §63.8075(e).	Semiannually according to the requirements in §63.8075(b).

Table 10 to Subpart HHHHH of Part 63. Applicability of General Provisions to Subpart HHHHH

As specified in §63.8095, the parts of the General Provisions that apply to you are shown in the following table:

Citation	Subject	Explanation
§63.1	Applicability	Yes
§63.2	Definitions	Yes
§63.3	Units and Abbreviations	Yes
§63.4	Prohibited Activities	Yes
§63.5	Construction/ Reconstruction	Yes
§63.6(a)	Applicability	Yes
§63.6(b)(1)-(4)	Compliance Dates for New and Reconstructed sources	Yes
§63.6(b)(5)	Notification	Yes
§63.6(b)(6)	[Reserved]	
§63.6(b)(7)	Compliance Dates for New and Reconstructed Area Sources That Become Major	Yes
§63.6(c)(1)-(2)	Compliance Dates for Existing Sources	Yes
§63.6(c)(3)-(4)	[Reserved]	
§63.6(c)(5)	Compliance Dates for Existing Area Sources That Become Major	Yes
§63.6(d)	[Reserved]	
§63.6(e)(1)-(2)	Operation & Maintenance	Yes

§63.6(e)(3)(i), (ii), and (v) through (viii)	SSMP	Yes, except information regarding Group 2 emission points and equipment leaks is not required in the SSMP, as specified in §63.8080(f).
§63.6(e)(3)(iii) and (iv)	Recordkeeping and Reporting During Startup, Shutdown, and Malfunction (SSM)	No, §§63.998(d)(3) and 63.998(c)(1)(ii)(D) through (G) specify the recordkeeping requirement for SSM events, and §63.8075(e)(5) specifies reporting requirements.
§63.6(f)(1)	Compliance Except During SSM	Yes
§63.6(f)(2)-(3)	Methods for Determining Compliance	Yes
§63.6(g)(1)-(3)	Alternative Standard	Yes
§63.6(h)	Opacity/Visible Emission (VE) Standards	Only for flares for which Method 22 observations are required as part of a flare compliance assessment.
§63.6(i)(1)-(14)	Compliance Extension	Yes
§63.6(j)	Presidential Compliance Exemption	Yes
§63.7(a)(1)-(2)	Performance Test Dates	Yes, except substitute 150 days for 180 days.
§63.7(a)(3)	CAA Section 114 Authority	Yes, and this paragraph also applies to flare compliance assessments as specified under §63.997(b)(2).
§63.7(b)(1)	Notification of Performance Test	Yes
§63.7(b)(2)	Notification of Rescheduling	Yes
§63.7(c)	Quality Assurance/Test Plan	Yes, except the test plan must be submitted with the notification of the performance test if the control device controls process vessels.
§63.7(d)	Testing Facilities	Yes
§63.7(e)(1)	Conditions for Conducting Performance Tests	Yes, except that performance tests for process vessels must be conducted under worst-case conditions as specified in §63.8005.

§63.7(e)(2)	Conditions for Conducting Performance Tests	Yes
§63.7(e)(3)	Test Run Duration	Yes
§63.7(f)	Alternative Test Method	Yes
§63.7(g)	Performance Test Data Analysis	Yes
§63.7(h)	Waiver of Tests	Yes
§63.8(a)(1)	Applicability of Monitoring Requirements	Yes
§63.8(a)(2)	Performance Specifications	Yes
§63.8(a)(3)	[Reserved]	
§63.8(a)(4)	Monitoring with Flares	Yes
§63.8(b)(1)	Monitoring	Yes
§63.8(b)(2)-(3)	Multiple Effluents and Multiple Monitoring Systems	Yes
§63.8(c)(1)	Monitoring System Operation and Maintenance	Yes
§63.8(c)(1)(i)	Maintain and operate CMS	Yes
§63.8(c)(1)(ii)	Routine repairs	Yes
§63.8(c)(1)(iii)	SSMP for CMS	Yes
§63.8(c)(2)-(3)	Monitoring System Installation	Yes
§63.8(c)(4)	Requirements	Only for CEMS; requirements for CPMS are specified in referenced subpart SS of 40 CFR part 63. This subpart does not contain requirements for continuous opacity monitoring systems (COMS).
§63.8(c)(4)(i)	CMS Requirements	No. This subpart does not require COMS.
§63.8(c)(4)(ii)	CMS requirements	Yes
§63.8(c)(5)	COMS Minimum Procedures	No. This subpart does not contain opacity or VE limits.

§63.8(c)(6)	CMS Requirements	Only for CEMS; requirements for CPMS are specified in referenced subpart SS of 40 CFR part 63.
§63.8(c)(7)-(8)	CMS Requirements	Only for CEMS. Requirements for CPMS are specified in referenced subpart SS of 40 CFR part 63.
§63.8(d)	CMS Quality Control	Only for CEMS; requirements for CPMS are specified in referenced subpart SS of 40 CFR part 63.
§63.8(e)	CMS Performance Evaluation	Section 63.8(e)(6)(ii) does not apply because this subpart does not require COMS. Other sections apply only for CEMS; requirements for CPMS are specified in referenced subpart SS of 40 CFR part 63.
§63.8(f)(1)-(5)	Alternative Monitoring Method	Yes, except you may also request approval using the precompliance report
§63.8(f)(6)	Alternative to Relative Accuracy Test	Only for CEMS.
§63.8(g)(1)-(4)	Data Reduction	Only when using CEMS, except §63.8(g)(2) does not apply because data reduction requirements for CEMS are specified in §63.8000(d)(4)(iv). The requirements for COMS do not apply because this subpart has no opacity or VE limits.
§63.8(g)(5)	Data Reduction	No. Requirements for CEMS are specified in §63.8000(d)(4). Requirements for CPMS are specified in referenced subpart SS of 40 CFR part 63.
§63.9(a)	Notification Requirements	Yes
§63.9(b)(1)-(5)	Initial Notifications	Yes
§63.9(c)	Request for Compliance Extension	Yes
§63.9(d)	Notification of Special Compliance	Yes

	Requirements for New Source	
§63.9(e)	Notification of Performance Test	Yes
§63.9(f)	Notification of VE/Opacity Test	No. This subpart does not contain opacity or VE limits.
§63.9(g)	Additional Notifications When Using CMS	Only for CEMS; requirements for CPMS are specified in referenced subpart SS of 40 CFR part 63.
§63.9(h)(1)-(6)	Notification of Compliance Status	Yes, except this subpart has no opacity or VE limits, and §63.9(h)(2) does not apply because §63.8075(d) specifies the required contents and due date of the notification of compliance status report.
§63.9(i)	Adjustment of Submittal Deadlines	Yes
§63.9(j)	Change in Previous Information	No, §63.8075(e)(8) specifies reporting requirements for process changes.
§63.10(a)	Recordkeeping/ Reporting	Yes
§63.10(b)(1)	Recordkeeping/ Reporting	Yes
§63.10(b)(2)(i)-(iv)	Records related to SSM	No, §§63.998(d)(3) and 63.998(c)(1)(ii)(D) through (G) specify recordkeeping requirements for periods of SSM.
§63.10(b)(2)(iii)	Records related to maintenance of air pollution control equipment	Yes
§63.10(b)(2)(vi), (x), and (xi)	CMS Records	Only for CEMS; requirements for CPMS are specified in referenced subpart SS of 40 CFR part 63.
§63.10(b)(2)(vii)-(ix)	Records	Yes
§63.10(b)(2)(xii)	Records	Yes

§63.10(b)(2)(xiii)	Records	Yes.
§63.10(b)(2)(xiv)	Records	Yes
§63.10(b)(3)	Records	Yes
§63.10(c)(1)-(6),(9)-(15)	Records	Only for CEMS; requirements for CPMS are specified in referenced subpart SS of 40 CFR part 63.
§63.10(c)(7)-(8)	Records	No. Recordkeeping requirements are specified in §63.8080.
§63.10(d)(1)	General Reporting Requirements	Yes
§63.10(d)(2)	Report of Performance Test Results	Yes
§63.10(d)(3)	Reporting Opacity or VE Observations	No. This subpart does not contain opacity or VE limits.
§63.10(d)(4)	Progress Reports	Yes
§63.10(d)(5)(i)	SSM Reports	No, §63.8075(e)(5) and (6) specify the SSM reporting requirements.
§63.10(d)(5)(ii)	Immediate SSM reports	No
§63.10(e)(1)-(2)	Additional CMS Reports	Only for CEMS, but §63.10(e)(2)(ii) does not apply because this subpart does not require COMS.
§63.10(e)(3)	Reports	No. Reporting requirements are specified in §63.8075.
§63.10(e)(3)(i)-(iii)	Reports	No. Reporting requirements are specified in §63.8075
§63.10(e)(3)(iv)-(v)	Excess Emissions Reports	No. Reporting requirements are specified in §63.8075
§63.10(e)(3)(iv)-(v)	Excess Emissions Reports	No. Reporting requirements are specified in §63.8075
§63.10(e)(3)(vi-viii)	Excess Emissions Report and Summary Report	No. Reporting requirements are specified in §63.8075
§63.10(e)(4)	Reporting COMS data	No. This subpart does not contain opacity or

		VE limits.
§63.10(f)	Waiver for Recordkeeping/Reporting	Yes
§63.11	Flares	Yes
§63.12	Delegation	Yes
§63.13	Addresses	Yes
§63.14	Incorporation by Reference	Yes
§63.15	Availability of Information	Yes