



State of Ohio Environmental Protection Agency

Street Address:

1800 WaterMark Drive  
Columbus, OH 43215-1099

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

Mailing Address:

P.O. Box 1049  
Columbus, OH 43216-1049

09/10/98

**CERTIFIED MAIL**

**RE: Final 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 Title V permit that allows you to operate the facility in the manner indicated in the permit. Because this permit may contain several conditions and restrictions, we urge you to read it carefully.

The Ohio EPA is encouraging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Pollution Prevention at (614) 644-3469.

You are hereby notified that this action of the Director is final and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed with the Environmental Review Appeals Commission within thirty (30) days after notice of the Director's action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. It is also requested by the Director that a copy of the appeal be served upon the Environmental Enforcement Section of the Office of the Attorney General. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission  
236 East Town Street  
Room 300  
Columbus, Ohio 43215

If you have any questions, please contact Akron Air Pollution Control.

Very truly yours,

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

cc: Akron Air Pollution Control  
Becky Castle, DAPC PMU



## Ohio EPA

State of Ohio Environmental Protection Agency

### TITLE V PERMIT

Issue Date: 09/10/98

### FINAL ISSUANCE

Effective Date: 09/10/98

Expiration Date: 09/10/03

This document constitutes issuance to:

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

of a Title V permit for Facility ID: 16-77-01-0932

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

P312 (40 CHN 312 - 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

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

P404 (40 CHN 404 - 100 gal. Chemineer Churn)  
100 gal. Chemineer 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 (Rubber Solvent Tank)  
Fixed Roof Tank for Trichloroethylene

T002 (Hexane Tank)  
Fixed Roof Tank for Hexane

T003 (Toluene Tank)  
Fixed Roof Tank for Toluene

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

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

T007 (Solvent Mixture Tank)

## Fixed Roof Tank for Solvent Mixture

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 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

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Director

# PART I - GENERAL TERMS AND CONDITIONS

## A. State and Federally Enforceable Section

### 1. Monitoring and Related Recordkeeping and Reporting Requirements

- a. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:
  - i. The date, place (as defined in the permit), and time of sampling or measurements.
  - ii. The date(s) analyses were performed.
  - iii. The company or entity that performed the analyses.
  - iv. The analytical techniques or methods used.
  - v. The results of such analyses.
  - vi. The operating conditions existing at the time of sampling or measurement.
- b. Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.
- c. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall submit required reports in the following manner:
  - i. Reports of any required monitoring and/or recordkeeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
  - ii. Quarterly written reports of (i) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, excluding deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06, that have been detected by the testing, monitoring and recordkeeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures taken, shall be promptly made to the appropriate Ohio EPA District Office or local air agency. These quarterly written reports shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c)(i) and (ii) pertaining to the submission of monitoring reports every six months and OAC rule 3745-77-07(A)(3)(c)(iii) pertaining to the prompt reporting of all deviations except malfunctions, which shall be reported in accordance with OAC rule 3745-15-06. The written reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.) See B.8 below if no deviations occurred during the quarter.
  - iii. Written reports, which identify any deviations from the federally enforceable monitoring, recordkeeping, and reporting requirements contained in this permit shall be submitted to the appropriate Ohio EPA District Office or local air agency every six months, i.e., by January 31 and July 31 of each year for the previous six calendar months. These semi-annual written reports shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c)(i) and (ii) pertaining to the reporting of any deviations related to the monitoring, recordkeeping, and reporting requirements. If no deviations occurred during a six-month period, the permittee shall submit a semi-annual report, which states that no deviations occurred during that period.

- iv. Each written report shall be signed by a responsible official certifying that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.

## **2. Scheduled Maintenance/Malfunction Reporting**

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

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

## **3. Risk Management Plans**

If the permittee is required to develop and register a risk management plan pursuant to section 112(r) of the Clean Air Act, as amended, 42 U.S.C. 7401 et seq. ("Act"), the permittee shall comply with the requirement to register such a plan.

## **4. Title IV Provisions**

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

## **5. Severability Clause**

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

## **6. General Requirements**

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

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

## **7. Fees**

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

## **8. Marketable Permit Programs**

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

## **9. Reasonably Anticipated Operating Scenarios**

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

## **10. Reopening for Cause**

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

- a. Additional applicable requirements under the Act become applicable to one or more emissions units covered by this permit, and this permit has a remaining term of three or more years. Such a reopening shall be completed not later than eighteen months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to paragraph (E)(1) of OAC rule 3745-77-08.
- b. This permit is issued to an affected source under the acid rain program and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit, and shall not require a reopening of this permit.

- c. The Director of the Ohio EPA or the Administrator of the U.S. EPA determines that the federally applicable requirements in this permit are based on a material mistake, or that inaccurate statements were made in establishing the emissions standards or other terms and conditions of this permit related to such federally applicable requirements.
- d. The Administrator of the U.S. EPA or the Director of the Ohio EPA determines that this permit must be revised or revoked to assure compliance with the applicable requirements.

## **11. Federal and State Enforceability**

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

## **12. Compliance Requirements**

- a. Any document (including reports) required to be submitted and required by a federally applicable requirement in this Title V permit shall include a certification by a responsible official that, based on information and belief formed after reasonable inquiry, the statements in the document are true, accurate, and complete.
- b. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Director of the Ohio EPA or an authorized representative of the Director to:
  - i. At reasonable times, enter upon the permittee's premises where a source is located or the emissions-related activity is conducted, or where records must be kept under the conditions of this permit.
  - ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, subject to the protection from disclosure to the public of confidential information consistent with paragraph (E) of OAC rule 3745-77-03.
  - iii. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.
  - iv. As authorized by the Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit and applicable requirements.
- c. The permittee shall submit progress reports to the appropriate Ohio EPA District Office or local air agency concerning any schedule of compliance for meeting an applicable requirement. Progress reports shall be submitted semiannually, or more frequently if specified in the applicable requirement or by the Director of the Ohio EPA. Progress reports shall contain the following:
  - i. Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.
  - ii. An explanation of why any dates in any schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.
- d. Compliance certifications concerning the terms and conditions contained in this permit that are federally enforceable emission limitations, standards, or work practices, shall be submitted to the appropriate Ohio EPA District Office or local air agency in the following manner and with the following content:

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

### **13. Permit Shield**

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

### **14. Operational Flexibility**

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

### **15. Emergencies**

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

### **16. Off Permit Changes**

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

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

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

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

#### **17. Compliance Method Requirements**

No term or condition specifying a method for demonstrating compliance with any emission limitation or other requirement of this permit shall preclude the use by any person of any credible evidence to establish compliance with or a violation of this permit, the Clean Air Act, or any implementing regulations or rules promulgated thereunder.

## **B. State Only Enforceable Section**

### **1. Permit to Install Requirement**

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

### **2. Reporting Requirements Related to Monitoring and Recordkeeping Requirements**

The permittee shall submit required reports in the following manner:

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

### **3. Records Retention Requirements**

Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

### **4. Inspections and Information Requests**

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

## **5. Scheduled Maintenance/Malfunction Reporting**

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

## **6. Permit Transfers**

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

## **7. Air Pollution Nuisance**

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

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

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

## Part II - Specific Facility Terms and Conditions

### A. State and Federally Enforcable Section

None

### B. State Only Enforceable Section

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

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  
P014-Hot Melt Adhesive No. BM 36825  
P015-Hot Melt Spreader  
P016-Trash Compactor  
P017-Solvent Still  
P018-Day Compound Mix Epoxy Asbestos  
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  
Z005-Vat for Matl. to Hot Melt Spreader  
Z006-Parts Wash Tank  
Z007-Hot Melt Box Fill  
Z008-Vertical Extruder  
Z009-Twin Screw Extruder  
Z010-Equipment Cleaning Tank #1  
Z011-Pebble-Mill  
Z012-Extruder  
Z013-Compounding Unit  
Z014-Equipment Cleaning Tank #2  
Z015-Equipment Cleaning Tank #3  
Z316-Lab Pebble Mill  
Z501-40 MIX 501 - 300 gal Myers Mixer  
Z502-40 MIX 502 - 75 gal Ross Mixer  
Z503-40 MIX 503 - 100 gal Ross Mixer  
Z505-40 MIX 505 - 8 gal Ross Mixer  
Z506-40 MIX 506 - 150 gal Myers Mixer  
Z508-40 MIX 508 - 50 gal Mixer  
Z509-40 MIX 509 - 50 gal Mixer  
Z522-40 MIX 522 - Lightnin Mixer (Electric)  
Z523-40 MIX 523 - Lightnin Mixer (Electric)

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

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

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

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

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

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

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

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

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

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

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

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **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.

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

**None**

**II. Operational Restrictions**

**None**

**III. Monitoring and/or Record Keeping Requirements**

**None**

**IV. Reporting Requirements**

**None**

**V. Testing Requirements**

**None**

**VI. Miscellaneous Requirements**

**None**

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

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

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **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.

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

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

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

**Part III - Terms and Conditions for Emissions Units**

**Emissions Unit ID:** 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.

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

**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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

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

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

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

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

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

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive" is based upon OAC rule 3745-21-01(C)(5).]
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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

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

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

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

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive" is based upon OAC rule 3745-21-01(C)(5).]
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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

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

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

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

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive" is based upon OAC rule 3745-21-01(C)(5).]
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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 201 - 500 gal Struthers Wells process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **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.

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

**Part III - Terms and Conditions for Emissions Units**

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 202 - 500 gal Struthers Wells process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

**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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

**Part III - Terms and Conditions for Emissions Units**

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 203 - 500 gal Struthers Wells process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

**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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 204 - 1000 gal Chemineer process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 205 - 1000 gal Chemineer process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 207 - 500 gal Struthers Wells process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<b>Operations, Property, and/or Equipment</b>	<b>Applicable Rules/ Requirements</b>	<b>Applicable Emissions Limitations/Control Measures</b>
40 CHN 208 - 500 gal Struthers Wells process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

**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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 209 - 500 gal Struthers Wells process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **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.

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 210 - 1000 gal Chemineer process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 211 - 1000 gal Chemineer process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 212 - 500 gal Struthers Wells process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

- 1.b Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 301 - 250 gal Struthers Wells process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 302 - 250 gal Struthers Wells process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

- 1.b Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 303 - 250 gal Struthers Wells process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

- 1.b Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **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.

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 304 - 250 gal Struthers Wells process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 MIX 305 - 1000 gal Day Nauta mixer	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 MIX 306 - horizontal mixer	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive" is based upon OAC rule 3745-21-01(C)(5).]
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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

**Part III - Terms and Conditions for Emissions Units**

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 307 - 250 gal Struthers Wells process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

**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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

**Part III - Terms and Conditions for Emissions Units**

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 308 - 250 gal Struthers Wells process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

**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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 309 - 250 gal Struthers Wells process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 310 - 250 gal Struthers Wells process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **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.

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

**None**

**II. Operational Restrictions**

**None**

**III. Monitoring and/or Record Keeping Requirements**

**None**

**IV. Reporting Requirements**

**None**

**V. Testing Requirements**

**None**

**VI. Miscellaneous Requirements**

**None**

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 311 - 250 gal Struthers Wells process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 40 CHN 312 - 250 gal. Struthers Wells Churn (P312)  
**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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 312 - 250 gal Struthers Wells process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

**Part III - Terms and Conditions for Emissions Units**

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 MIX 313 - 1000 gal Day Nauta mixer	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

**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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 314 - 1200 gal Chemineer process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 315 - 1000 gal Chemineer process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

**Part III - Terms and Conditions for Emissions Units**

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 401 - 100 gal Struthers Wells process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

**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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

- 1.b Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 40 CHN 404 - 100 gal. Chemineer Churn (P404)  
**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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 404 - 100 gal Chemineer process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 MIX 405 - 1000 gal Chemineer horizontal churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 PMILL 406 - 50 gal pebble mill	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

- 1.b Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 408 - 50 gal Chemineer process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **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.

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 409 - 50 gal Chemineer process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 410 - 100 gal Chemineer process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **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.

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

**None**

**II. Operational Restrictions**

**None**

**III. Monitoring and/or Record Keeping Requirements**

**None**

**IV. Reporting Requirements**

**None**

**V. Testing Requirements**

**None**

**VI. Miscellaneous Requirements**

**None**

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 412 - 100 gal Chemineer process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

**Part III - Terms and Conditions for Emissions Units**

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 413 - 100 gal Chemineer process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

**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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 414 - 50 gal Chemineer process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **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.

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 415 - 50 gal Chemineer process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

- 1.b Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 416 - 50 gal Chemineer process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 418 - 50 gal Chemineer process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **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.

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 419 - 100 gal glass lined process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 420 - 100 gal turbo-mixer process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 421 - 100 gal Gilbert Tramer process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 422 - 100 gal Gilbert Tramer process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 424 - 100 gal Gilbert Tramer process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 CHN 425 - 100 gal Gilbert Tramer process churn	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **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.

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 MIX 504 - Schold mixer	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 PMILL 301 - 100 gal. pebble mill	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

[Note: The definition of "photochemically reactive" is based upon OAC rule 3745-21-01(C)(5).]
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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
40 PMILL 307 - 100 gal. pebble mill	OAC rule 3745-21-07(G)(2)	See A.I.2.a and A.I.2.b below.

##### 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 OC emissions for the batch, i.e. (A - B), in pounds; and
  - f. the average hourly OC emission rate for the batch, i.e. (d)/(c), in pounds per hour (average).

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

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 during the day, in pounds per day.

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. an identification of each day during which the average hourly organic compound emissions from the 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.

#### **V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I 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:

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 A.III.1.

**1.b** Emission Limitation:

40.0 pounds per day of organic material

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 total emissions from all batches produced during a day and the record keeping requirements in A.III.1 and A.III.2.

#### **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** Rubber Solvent Tank (T001)  
**Activity Description:** Fixed Roof Tank for Trichloroethylene

#### A. State and Federally Enforceable Section

##### I. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Rubber solvent storage tank - tank no. 1197; 15,000 gallon fixed roof tank for trichloroethylene	OAC rule 3745-31-05 (PTI 16-433)	See A.II.1 below.
	OAC rule 3745-21-07(D)(2)	See A.I.2.a below.

##### 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.

##### II. Operational Restrictions

1. The fixed roof storage tank shall be equipped with a permanent submerged fill pipe.

##### III. Monitoring and/or Record Keeping Requirements

None

##### IV. Reporting Requirements

None

##### V. Testing Requirements

None

##### VI. Miscellaneous Requirements

None

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** Hexane Tank (T002)  
**Activity Description:** Fixed Roof Tank for Hexane

#### A. State and Federally Enforceable Section

##### I. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Hexane storage tank - tank no. 1210; 15,000 gallon fixed roof tank	OAC rule 3745-31-05 (PTI 16-433)	See A.II.1 below.
	OAC rule 3745-21-07(D)(2)	See A.I.2.a below.

##### 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.

##### II. Operational Restrictions

1. The fixed roof storage tank shall be equipped with a permanent submerged fill pipe.

##### III. Monitoring and/or Record Keeping Requirements

None

##### IV. Reporting Requirements

None

##### V. Testing Requirements

None

##### VI. Miscellaneous Requirements

None

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Toluene storage tank - tank no. 1205; 15,000 gallon fixed roof tank	OAC rule 3745-31-05 (PTI 16-433)	See A.II.1 below.
	OAC rule 3745-21-07(D)(2)	See A.I.2.a below.

##### 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.

##### II. Operational Restrictions

1. The fixed roof storage tank shall be equipped with a permanent submerged fill pipe.

##### III. Monitoring and/or Record Keeping Requirements

None

##### IV. Reporting Requirements

None

##### V. Testing Requirements

None

##### VI. Miscellaneous Requirements

None

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

**Part III - Terms and Conditions for Emissions Units**

**Emissions Unit ID:** Textile Spirits Tank (T004)  
**Activity Description:** Fixed Roof Tank for Textile Spirits

**A. State and Federally Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Textile spirits storage tank - tank no. 40-100567; 15,000 gallon fixed roof tank	OAC rule 3745-31-05 (PTI 16-433)	See A.II.1 below.
	OAC rule 3745-21-07(D)(2)	See A.I.2.a below.

**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.

**II. Operational Restrictions**

1. The fixed roof storage tank shall be equipped with a permanent submerged fill pipe.

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

**Part III - Terms and Conditions for Emissions Units**

**Emissions Unit ID:** 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
MEK storage tank - tank no. 1599; 15,000 gallon fixed roof tank	OAC rule 3745-31-05 (PTI 16-433)	See A.II.1 below.
	OAC rule 3745-21-07(D)(2)	See A.I.2.a below.

**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.

**II. Operational Restrictions**

1. The fixed roof storage tank shall be equipped with a permanent submerged fill pipe.

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** Solvent Mixture Tank (T007)  
**Activity Description:** Fixed Roof Tank for Solvent Mixture

#### A. State and Federally Enforceable Section

##### I. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Solvent mixture storage tank - tank no. 41-7004; 15,000 gallon fixed roof tank	OAC rule 3745-31-05 (PTI 16-433)	See A.II.1 below.
	OAC rule 3745-21-07(D)(2)	See A.I.2.a below.

##### 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.

##### II. Operational Restrictions

1. The fixed roof storage tank shall be equipped with a permanent submerged fill pipe.

##### III. Monitoring and/or Record Keeping Requirements

None

##### IV. Reporting Requirements

None

##### V. Testing Requirements

None

##### VI. Miscellaneous Requirements

None

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

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

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

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