

217/782-2113

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT - NSPS SOURCE

PERMITTEE

Starkey Chemical Process Company  
Attn: Steven J. Knox, Ph.D.  
9600 West Ogden Avenue  
LaGrange, Illinois 60525

<u>Application No.:</u> 74110006	<u>I.D. No.:</u> 031153AAX
<u>Applicant's Designation:</u> CHEM PACK	<u>Date Received:</u> June 6, 2000
<u>Subject:</u> Chemical Mixing and Packaging	
<u>Date Issued:</u> January 18, 2001	<u>Expiration Date:</u> January 18, 2006
<u>Location:</u> 9600 West Ogden Avenue, LaGrange	

This permit is hereby granted to the above-designated Permittee to OPERATE emission unit(s) and/or air pollution control equipment consisting of 21 mixers, 2 roll mills, 25 filling lines, and 4 storage tanks pursuant to the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

- 1a. This federally enforceable state operating permit is issued to limit the emissions of air pollutants from the source to less than major source thresholds (i.e., VOM less than 25 tons per year and individual HAP less than 10 tons per year). As a result the source is excluded from the requirement to obtain a Clean Air Act Permit Program (CAAPP) permit. The maximum emissions of this source, as limited by the conditions of this permit, are described in Attachment A.
- b. Prior to issuance, a draft of this permit has undergone a public notice and comment period.
- c. This permit supersedes all operating permits issued for this location.
- 2a. The four storage tanks are subject to New Source Performance Standards (NSPS), 40 CFR 60 Subpart Kb. The Illinois EPA is administering these standards in Illinois on behalf of the United States EPA under a delegation agreement.
- b. At all times, the Permittee shall, to the extent practicable maintain and operate these tanks, in a manner consistent with good air pollution control practice for minimizing emissions, pursuant to the New Source Performance Standard.
- c. The Permittee shall fulfill the monitoring of operations requirements of the New Source Performance Standards, 40 CFR 60.116b(a) and (b) for the four storage tanks. That is, records showing the dimensions of the storage vessel and an analysis showing the capacity of the storage vessel, shall be maintained and readily accessible for the life of the source.

3. This permit is issued based on negligible emissions of volatile organic material from 21 mixers, 2 roll mills, 4 storage tanks, and 25 filling lines. For this purpose emissions from each emission source shall not exceed nominal emission rates of 0.1 lb/hour and 0.44 ton/yr.

4. Permittee shall comply with all notification and recordkeeping requirements of 35 Ill. Adm. Code 218.980.
5. This permit is issued based on VOM emitting sources at the source meeting the exemption level for exclusion from the requirement of 35 Ill. Adm. Code Part 218, Subpart TT. This is a result of Potential to Emit from these sources being less than 25 tons/year.
  - a. Upon written request from the Illinois EPA, the Permittee shall promptly submit copies of records to the Illinois EPA, which address applicable of Part 218, in accordance with 35 Ill. Adm. Code 218.980.
  - b. The Permittee shall notify the Illinois EPA and obtain appropriate permits from the Illinois EPA in advance of a change in operation which would result in Potential to Emit of VOM emissions equal to or greater than 25 tons/year.
6. The Permittee shall maintain monthly records of the following items:
  - a. Throughput of raw material for each equipment (lb/month and tons/year); and
  - b. VOM emissions as calculated by material balance (lb/month and tons/year).
7. The emissions of Hazardous Air Pollutants (HAPs) as listed in Section 112(b) of the Clean Air Act shall not equal or exceed 10 tons per year of any single HAP or 25 tons per year of any combination of such HAPs, or such lesser quantity as USEPA may establish in rule which would require the Permittee to obtain a CAAPP permit from the Illinois EPA. As a result of this condition, this permit is issued based on the emissions of any HAP from this source not triggering the requirement to obtain a CAAPP permit from the Illinois EPA.
8. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least three years from the date of entry and shall be made available for inspection and copying by the Illinois EPA or USEPA upon request. Any records retained in an electronic format (e.g., computer) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to an Illinois EPA or USEPA request for records during the course of a source inspection.
9. If there is an exceedance of the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance Section in Springfield, Illinois within 30 days after the exceedance. The report shall include the emissions released in accordance with the recordkeeping

requirements, a copy of the relevant records, and a description of the exceedance or violation and efforts to reduce emissions and future occurrences.

10. Two (2) copies of required reports and notifications concerning equipment operation or repairs, performance testing or a continuous monitoring system shall be sent to:

Illinois Environmental Protection Agency  
Division of Air Pollution Control  
Compliance Section (#40)  
P.O. Box 19276  
Springfield, Illinois 62794-9276

and one (1) copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Agency  
Division of Air Pollution Control  
9511 West Harrison  
Des Plaines, Illinois 60016

It should be noted that the boilers and storage tanks less than 10,000 gallons are exempt from state permit requirements, pursuant to 35 Ill. Adm. Code 201.146(d) and (n)(1), respectively.

Please note that this permit is revised to no longer include mixer 1C2 and auger filler-Mateer 3B2, and to add filling units 6F3, 5A12, and 5A13 and 6F8.

If you have any questions on this, please call John Blazis at 217/782-2113.

Donald E. Sutton, P.E.  
Manager, Permit Section  
Division of Air Pollution Control

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cc: Illinois EPA, FOS Region 1  
Illinois EPA, Compliance Section  
Lotus Notes

Attachment A - Emission Summary

This attachment provides a summary of the maximum emissions from the source operating in compliance with the requirements of this federally enforceable permit. In preparing this summary, the Illinois EPA used the annual operating scenario which results in maximum emissions from such a plant. The resulting maximum emissions are well below the levels, e.g., VOM less than 25 tons per year and individual HAP less than 10 tons per year at which this source would be considered a major source for purposes of the Clean Air Act Permit Program.

Actual emissions from this source will be less than predicted in this summary to the extent that less material is handled and control measures are more effective than required in this permit.

1. This permit is issued based on negligible emissions of volatile organic material from 21 mixers, 2 roll mills, 4 storage tanks, and 25 filling lines. For this purpose emissions from each emission source shall not exceed nominal emission rates of 0.1 lb/hour and 0.44 ton/yr.
  
2. The emissions of Hazardous Air Pollutants (HAPs) as listed in Section 112(b) of the Clean Air Act shall not equal or exceed 10 tons per year of any single HAP or 25 tons per year of any combination of such HAPs, or such lesser quantity as USEPA may establish in rule which would require the Permittee to obtain a CAAPP permit from the Illinois EPA. As a result of this condition, this permit is issued based on the emissions of any HAP from this source not triggering the requirement to obtain a CAAPP permit from the Illinois EPA.

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